



LED Lighting Since 2008

Industrial Lighting

Hotel & Home Lighting

Commercial Lighting

Office & Education Lighting



Our Service
Your Choice



Website



VR

Product Catalogue

2018-2019 V8.0

Our Service, Your Choice

Our People, Here for you



Shenzhen Toppo Lighting Company Limited

Tel: 86-755-8429 6868 86-755-8429 6866 86-755-8429 6818

E-mail: info@toppolighting.com

Website: www.toppolighting.com



2008-2010

- Established in 2008 , Finished the organization of product & marketing
- 1st factory got LED tube PTC patent
- 1st factory got LED tube TUV /ETL/Fcc license

2010-2012

- 1st relocation in Mar.2011
- 1st factory got LED tube VDE license
- Built ISO9001:2008/ISO14001:2008 and ERP management system

2012-2014

- Built dust-free work shop / auto-matic assembly & aging line
- Built cooperation with European distributor
- Built the engineer laboratory
- Built UL and GS product series , Finished market Segment

2014-2016

- Built Auto-matic LED panel assembly line
- Built full range UK product for distributor
- Built UL /CUL/DLC product, Developed North American market
- Built diferent sales team focus on diferent market .

2016-2018

- Relocation in Mar.2017
- Built new ERP system , Improved management efficiency
- Upgrade company team focus on Sales /Operation /R&D system
- Built different sales branch office

2018-

- Updating the product range
- Building the accessories factory by self,
- Building the oversea assembly line
- Building self building
- Going to the public within 5 years

Company Profile

Toppo Lighting company limited is one of the professional manufacturers which specialize in developing, producing and selling LED Lighting. As a worldwide LED manufacturer, We have various series of LED lighting which include: LED Panel Light, LED linear light, LED tri-proof light, LED batten light, LED trunk linear system, LED Tube Light, LED Down Light, LED Ceiling Light, LED troffer, etc.

All of our products were widely used by our customers in the following fields: Commercial Lighting, Industrial Lighting, Education Lighting, Architecture Lighting, Indoor and Outdoor Lighting, LED City Lighting, Stage Lighting etc. All the products have UL/CUL/ETL/CETL/DLC license for North American marketing and the TUV/VDE/CE license for European marketing.

Under the growing in these years, We not only have the advanced production machines & fixtures, but also, set up our own engineering laboratory which can do all the safety testing. Such as: the Photometric testing, EMI testing, EMF testing, Surge Testing, ESD testing, IES testing.

In order to achieve the high quality and capacities, we not only use the auto-SMT and auto production assembly line and also use the auto-matic aging machine to meet high quality level. Our monthly production capacity increased, LED panel exceed 60,000 pcs, LED Linear and batten exceed 80,000pcs. The other products exceed 30,000-50,000 pcs for each series.

We always insist our value system "Morality as the basic, Quality as the life, Customer as the centre, Innovation as the source, Result as the guide" to make the growing of our team. "Our service your choice" as the marketing concept to make the best led lighting to emblaze your happy modern life.

Morality
as the basic

Quality
as the life

Customer
as the center

Innovation
as the source

Result
as the guide

Value
System



Factory Tour

Toppo has set up a quality control and management system by ISO 9001:2015. Relevant documents and record are effectively controlled to ensure the operation of quality system.

In order to achieve the high quality and capacities, not only we use the auto-SMT and production assembly line but also use the auto-matic aging machine to meet high quality requirement.

With these advanced equipments, Our monthly production capacity is increased, LED panel exceed 60,000 pcs, LED Linear and batten exceed 80,000pcs. The other products exceed 30,000-50,000 pcs for each series.



NOA
ISO9001:2015
ISO14001:2015

Service Your choice
VR



Our Service, Your Choice

Our People, Here for you

By the leading of the rich practical operating and high diathesis team in R&D, sales and management, not only we have got the licenses of ISO9001:2015 and ISO14001: 2015, but also use the high-efficiency ERP system for internalmanagement. This system makes our order finished in time with all high quality control. Under the high skills of the R&D team, all of our products have got various of certifications. Such as: VDE, TUV, UL/CUL, ETL,DLC, Energy Star, FCC, SAA CE, CQC, ROHS, etc.



Certifications



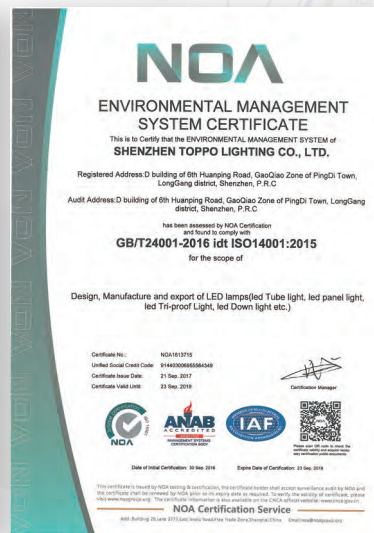
QUALITY & ENVIRONMENTAL MANAGEMENT : NOA ISO9001:2015 ISO14001:2015

To insure the high level company daily management and service. We ensure our processes are compliant with and certified by NOA to ISO9001/ISO14001. This action makes a quality team who can offer the best service to all valued customers.

NOA ISO9001:2015

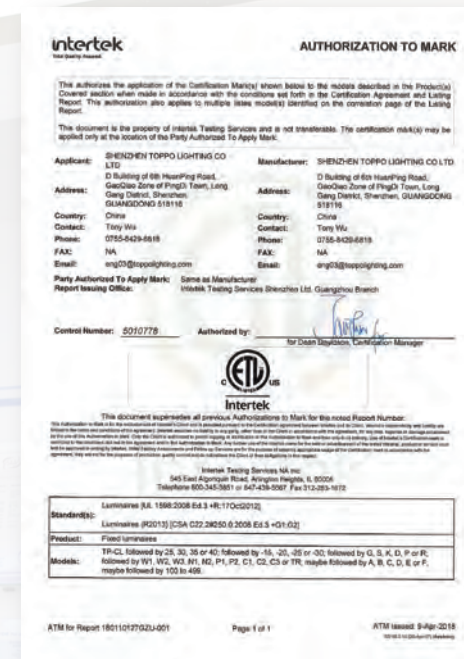


ISO14001:2015



PRODUCT CERTIFICATIONS
 Toppo ensure all products are certificated by UL / CUL / ETL/ETL/ DLC / FCC for North American marketing
 TÜV/VDE/SAA/CE for European marketing
 In order to ensure the quality, Toppo build the own laboratory for the daily quality controlling.
 All these actions make Toppo become a reliable manufacturer on the LED Lighting.

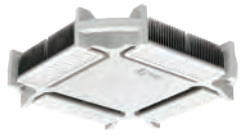
ETL / DLC / FCC



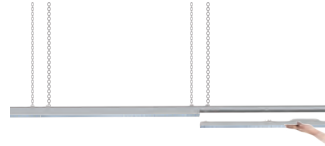
VDE / TÜV / SAA / CE



LED High Bay Light
14-18



Trunk Linear System
22-26



LED Track Panel
30



LED Bulkheads
98-102



LED Wall Pack
104



LED Ceiling Light
108-110



LED Linear Light
LED Batten Light
34-60



LED Tri-proof Light
64-72



LED Tubar Light
76



LED Down Light
114



LED Slim Down Light
116



LED Tube Light
120-124



LED Panel Light
80-92



LED Troffer Light
94



LED Cabinet Light
126





LED High Bay Light

60%
energy saving

50,000
hours life

5 years
warranty

LED Fins High Bay

Patent designed heatsink with Rotatable module



UGR <19

8 YR

Features

- > Rotatable LED module
- > Patent designed fins fixture as heat sink
- > 30/60/90 viewing angle
- > 3H EM @20W
- > PIR sensor function
- > Micro-wave sensor function

Options

- > Micro-wave sensor :
Off : 0%, ON :100%
Standby : 15% , ON:100%
- > Viewing Angle : 30/60/90
- > AC Input :
AC100-277V, AC100-384V
AC384V single, AC100-240V
- > Dimming : 1-10V / DALI / PIR / MS
- > Installation : Chain /Cable Mount ,Rod Mount

Applications

- > Traditional lamp replacement
- > Factories / Warehouses /Car parks
- > Supermarkets / Gas Stations

Data sheet



Standard : ON-Off

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Beam Angle | AC Input | Power Factor | Flicker Free |
|----------------------|------------------------|-------------|--------------|----------------|-------------|------------|------------|--------------|--------------|
| HB55-1ADN1-FLN1M-001 | 100W STD Fins High Bay | 100W | 14000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB55-1BDN1-FLN1M-001 | 150W STD Fins High Bay | 150W | 21000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB55-2ADN1-FLN1M-001 | 200W STD Fins High Bay | 200W | 28000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |

1-10V dimming

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Beam Angle | AC Input | Power Factor | Flicker Free |
|----------------------|--------------------------|-------------|--------------|----------------|-------------|------------|------------|--------------|--------------|
| HB55-1ADN1-FLV1M-001 | 100W 1-10V Fins High Bay | 100W | 14000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB55-1BDN1-FLV1M-001 | 150W 1-10V Fins High Bay | 150W | 21000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB55-2ADN1-FLV1M-001 | 200W 1-10V Fins High Bay | 200W | 28000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |

Micro-wave sensor Function A : OFF /0% ON /100% Function B: Standby /15% , ON /100%

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Beam Angle | AC Input | Power Factor | Flicker Free |
|----------------------|--------------------------|-------------|--------------|----------------|-------------|------------|------------|--------------|--------------|
| HB55-1ADN1-FLM1M-001 | 100W 1-10V Fins High Bay | 100W | 14000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB55-1BDN1-FLM1M-001 | 150W 1-10V Fins High Bay | 150W | 21000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB55-2ADN1-FLM1M-001 | 200W 1-10V Fins High Bay | 200W | 28000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |

PIR sensor

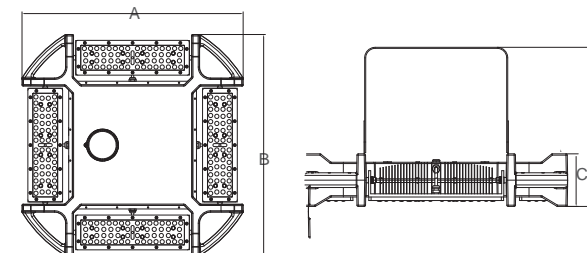
| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Beam Angle | AC Input | Power Factor | Flicker Free |
|----------------------|--------------------------|-------------|--------------|----------------|-------------|------------|------------|--------------|--------------|
| HB55-1ADN1-FLP1M-001 | 100W 1-10V Fins High Bay | 100W | 14000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB55-1BDN1-FLP1M-001 | 150W 1-10V Fins High Bay | 150W | 21000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB55-2ADN1-FLP1M-001 | 200W 1-10V Fins High Bay | 200W | 28000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |

Emergency : 3H @20W

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Beam Angle | AC Input | Power Factor | Flicker Free |
|----------------------|--------------------------|-------------|--------------|----------------|-------------|------------|------------|--------------|--------------|
| HB55-1ADN1-FLE1M-001 | 100W 1-10V Fins High Bay | 100W | 14000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB55-1BDN1-FLE1M-001 | 150W 1-10V Fins High Bay | 150W | 21000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB55-2ADN1-FLE1M-001 | 200W 1-10V Fins High Bay | 200W | 28000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |



Dimensions



| Product Name | A | B | C | D |
|---------------|-----|-----|-----|-----|
| Fins high bay | 500 | 500 | 100 | 303 |

Unit:mm

LED Gentle Linear High Bay

Gentle Version / 130LM/W with PC cover



1~10V
dimming

5 YR

Features

- > Rated power : 80-300W
- > 130Lm/W and 50,000h life span
- > Steel case as heat sink
- > Custom-made dimension

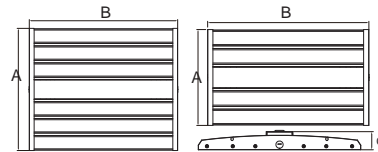
Applications

- > Traditional lamp replacement
- > Factories / Warehouses
- > Supermarkets / schools
- > Car Parks / Gas stations

Options

- > Dimming: On-off or 1-10V
- > CCT: WW:3000K, NW:4000K, PW:5000K, CW:6000K
- > AC Input :
AC100-277V, AC100-384V
AC384V single, AC100-240V
- > Installation : Chain /Cable Mount , Rod Mount

Dimensions



| Product Name | A | B | C |
|--------------|-----|------|------|
| 1x2ft | 338 | 625 | 56.2 |
| 2x2ft | 458 | 625 | 56.2 |
| 1x4ft | 338 | 1225 | 56.2 |
| 2x4ft | 458 | 1225 | 56.2 |

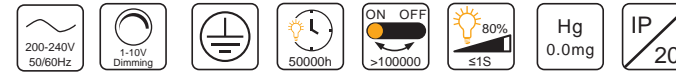
Unit:mm

EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Beam Agree | AC Input | Power Factor | Flicker Free |
|-----------------------|---|-------------|--------------|----------------|-------------|------------|------------|--------------|--------------|
| HB12-80AN1- GMN1S-001 | 1x2ft 80W Gentle GS linear high bay | 80W | 10400LM | 130LM/W | Ra>80 | 120 | AC200-240V | PF>0.95 | Y |
| HB12-1AAN1- GMN1S-001 | 1x2ft 100W Gentle GS linear high bay | 100W | 13000LM | 130LM/W | Ra>80 | 120 | AC200-240V | PF>0.95 | Y |
| HB22-1BAN1- GMN1S-001 | 2x2ft 150W Gentle GS linear high bay | 150W | 19500LM | 130LM/W | Ra>80 | 120 | AC200-240V | PF>0.95 | Y |
| HB22-2AAN1- GMN1S-001 | 2x2ft 200W Gentle GS linear high bay | 200W | 26000LM | 130LM/W | Ra>80 | 120 | AC200-240V | PF>0.95 | Y |
| HB14-1BAN1- GMN1S-001 | 1x4ft 150W Gentle GS linear high bay | 150W | 19500LM | 130LM/W | Ra>80 | 120 | AC200-240V | PF>0.95 | Y |
| HB14-2AAN1- GMN1S-001 | 1x4ft 200W Gentle GS linear high bay | 200W | 26000LM | 130LM/W | Ra>80 | 120 | AC200-240V | PF>0.95 | Y |
| HB24-3AAN1- GMN1S-001 | 2x4ft 300W Gentle GS linear high bay | 300W | 39000LM | 130LM/W | Ra>80 | 120 | AC200-240V | PF>0.95 | Y |

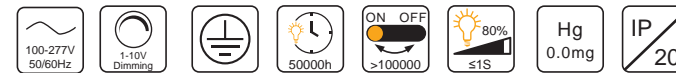


North American Style

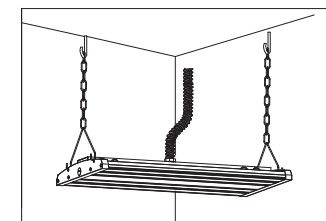


• Data Sheet

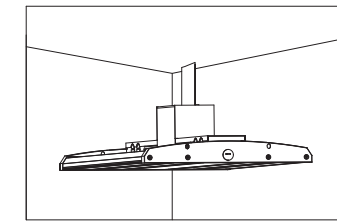
| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Beam Agree | AC Input | Power Factor | Flicker Free |
|-----------------------|--|-------------|--------------|----------------|-------------|------------|------------|--------------|--------------|
| HB12-80AN1- GMV1M-500 | 1x2ft 80W Gentle ETL linear high bay | 80W | 10400LM | 130LM/W | Ra>80 | 120 | AC100-277V | PF>0.95 | Y |
| HB12-1AAN1- GMV1M-500 | 1x2ft 100W Gentle ETL linear high bay | 100W | 13000LM | 130LM/W | Ra>80 | 120 | AC100-277V | PF>0.95 | Y |
| HB22-1BAN1- GMV1M-500 | 2x2ft 150W Gentle ETL linear high bay | 150W | 19500LM | 130LM/W | Ra>80 | 120 | AC100-277V | PF>0.95 | Y |
| HB22-2AAN1- GMV1M-500 | 2x2ft 200W Gentle ETL linear high bay | 200W | 26000LM | 130LM/W | Ra>80 | 120 | AC100-277V | PF>0.95 | Y |
| HB14-1BAN1- GMV1M-500 | 1x4ft 150W Gentle ETL linear high bay | 150W | 19500LM | 130LM/W | Ra>80 | 120 | AC100-277V | PF>0.95 | Y |
| HB14-2AAN1- GMV1M-500 | 1x4ft 200W Gentle ETL linear high bay | 200W | 26000LM | 130LM/W | Ra>80 | 120 | AC100-277V | PF>0.95 | Y |
| HB24-3AAN1- GMV1M-500 | 2x4ft 300W Gentle ETL linear high bay | 300W | 39000LM | 130LM/W | Ra>80 | 120 | AC100-277V | PF>0.95 | Y |



Installation



Chain / Cable suspension



Rod mount

LED Reflective Linear High Bay

Reflective Version / 140LM/W with lens



1~10V
dimming

5 YR

Features

- > Rated power : 80-300W
- > 140Lm/W and 50,000H life span
- > 30/60/90/Double25 viewing angle
- > Steel case as heat sink
- > Custom-made dimension

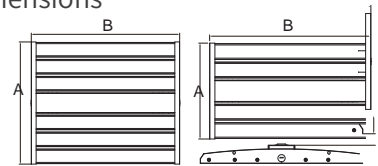
Applications

- > Traditional lamp replacement
- > Factories / Warehouses
- > Supermarkets / schools
- > Car Parks / Gas stations

Options

- > Dimming: On-off or 1-10V
- > CCT: WW:3000K, NW:4000K, PW:5000K, CW:6000K
- > AC Input :
AC100-277V, AC100-384V
AC384V single, AC100-240V
- > Installation : Chain /Cable Mount , Rod Mount

Dimensions



| Product Name | A | B | C |
|--------------|-----|------|------|
| 1x2ft | 338 | 625 | 56.2 |
| 2x2ft | 458 | 625 | 56.2 |
| 1x4ft | 338 | 1225 | 56.2 |
| 2x4ft | 458 | 1225 | 56.2 |

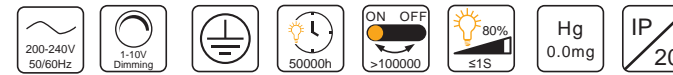
Unit:mm

EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Beam Agree | AC Input | Power Factor | Flicker Free |
|----------------------|--|-------------|--------------|----------------|-------------|------------|------------|--------------|--------------|
| HB12-80DN1-RLN1S-001 | 1x2ft 80W Reflective GS linear high bay | 80W | 11200LM | 140LM/W | Ra>80 | 30/60/90 | AC200-240V | PF>0.95 | Y |
| HB12-1ADN1-RLN1S-001 | 1x2ft 100W Reflective GS linear high bay | 100W | 14000LM | 140LM/W | Ra>80 | 30/60/90 | AC200-240V | PF>0.95 | Y |
| HB22-1BDN1-RLN1S-001 | 2x2ft 150W Reflective GS linear high bay | 150W | 21000LM | 140LM/W | Ra>80 | 30/60/90 | AC200-240V | PF>0.95 | Y |
| HB22-2ADN1-RLN1S-001 | 2x2ft 200W Reflective GS linear high bay | 200W | 28000LM | 140LM/W | Ra>80 | 30/60/90 | AC200-240V | PF>0.95 | Y |
| HB14-1BDN1-RLN1S-001 | 1x4ft 150W Reflective GS linear high bay | 150W | 21000LM | 140LM/W | Ra>80 | 30/60/90 | AC200-240V | PF>0.95 | Y |
| HB14-2ADN1-RLN1S-001 | 1x4ft 200W Reflective GS linear high bay | 200W | 28000LM | 140LM/W | Ra>80 | 30/60/90 | AC200-240V | PF>0.95 | Y |
| HB24-3ADN1-RLN1S-001 | 2x4ft 300W Reflective GS linear high bay | 300W | 42000LM | 140LM/W | Ra>80 | 30/60/90 | AC200-240V | PF>0.95 | Y |

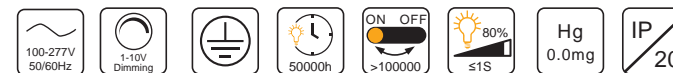


North American Style

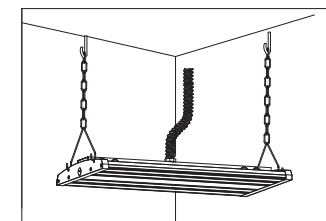


• Data Sheet

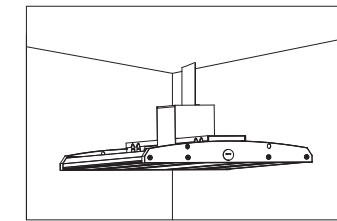
| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Beam Agree | AC Input | Power Factor | Flicker Free |
|----------------------|---|-------------|--------------|----------------|-------------|------------|------------|--------------|--------------|
| HB12-80DN1-RLV1M-500 | 1x2ft 80W Reflective ETL linear high bay | 80W | 11200LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB12-1ADN1-RLV1M-500 | 1x2ft 100W Reflective ETL linear high bay | 100W | 14000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB22-1BDN1-RLV1M-500 | 2x2ft 150W Reflective ETL linear high bay | 150W | 21000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB22-2ADN1-RLV1M-500 | 2x2ft 200W Reflective ETL linear high bay | 200W | 28000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB14-1BDN1-RLV1M-500 | 1x4ft 150W Reflective ETL linear high bay | 150W | 21000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB14-2ADN1-RLV1M-500 | 1x4ft 200W Reflective ETL linear high bay | 200W | 28000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |
| HB24-3ADN1-RLV1M-500 | 2x4ft 300W Reflective ETL linear high bay | 300W | 42000LM | 140LM/W | Ra>80 | 30/60/90 | AC100-277V | PF>0.95 | Y |



Installation



Chain / Cable suspension



Rod mount



Trunk Linear System

60%
energy saving

50,000
hours life

5 years
warranty

Brighton Trunk Linear System

Product Design | Profile

- > BRIGHTON trunk linear system is a patent and own designed multiple link LED linear lighting system ,Which provide the optimized lighting solution for the industrial applications and commercial applications . Such as : Supermarkets , Shopping malls , Offices , Conference rooms , Factories, Warehouses, Car parks , Airports, Stations ,Etc .
- > BRIGHTON trunk linear system comprises of trunk rail ,module and accessories . The trunk rail is pre-wired which provide the AC power and control signals to modules . The trunk rail has 5/7/11 wires style which meet the different modules .The modules split into lighting module and function module, 5 different lighting modules in tri-color and 5 different function modules make the BRIGHTON trunk linear system meet the different applications.
- > BRIGHTON trunk linear system delivers a tool free installation, Which make a dramatic installation costing saving for every client . The tool free installation be reflected in trunk rail connection , one times AC power connection by start unit and easy installation on the modules .
- > The elegant and special design , Fantastic lighting solution ,High technical function modules , All above advantages make the BRIGHTON trunk linear system popular and hot selling , but also effectively enhance the client' s brand image.

Key Features:

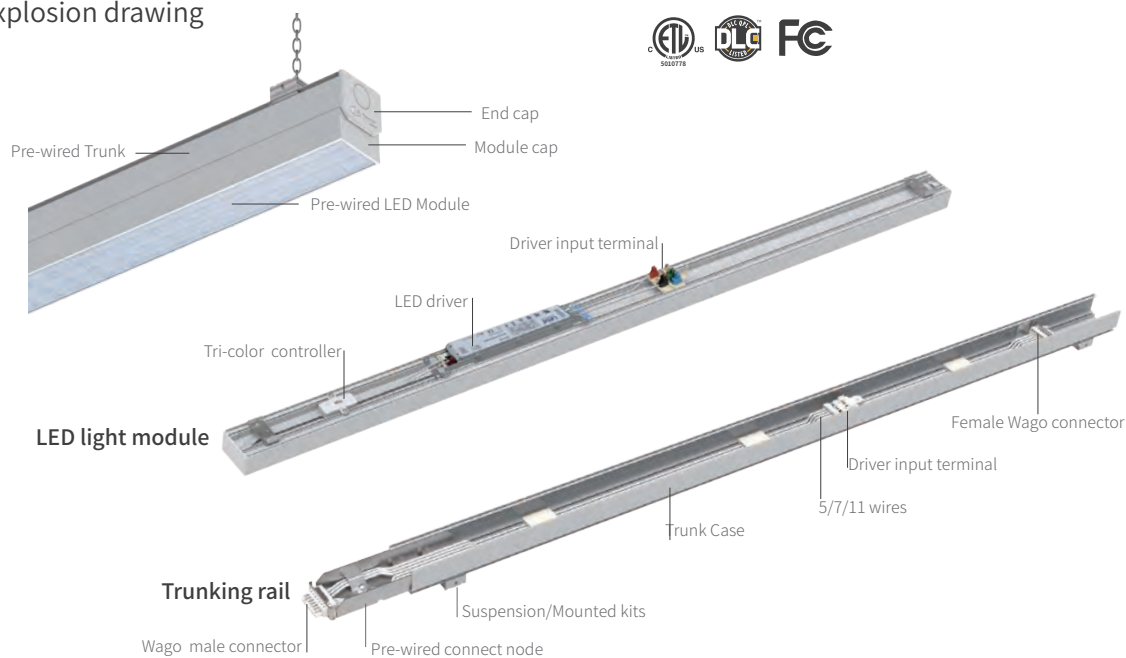
- > Various modules
- > Tool Free installation
- > Max 200 meters multiple link
- > 3-phase AC power source
- > 5/7/11 wiring system
- > Tri-color :3000/5000 mixed 4000K
- > Various functions :
 - 1-10V /DALI / Micro-wave sensor /
 - PIR sensor / 3h emergency

Applications:

- > Commercial lighting applications :
 - Supermarkets , Shopping malls , Airports
 - Stations, Cap parks etc
- > Office lighting applications :
 - Offices , Conference rooms, Showrooms
 - Class rooms , libraries etc
- > Industrial lighting applications
 - Factories, Warehouses, Workshops



Explosion drawing

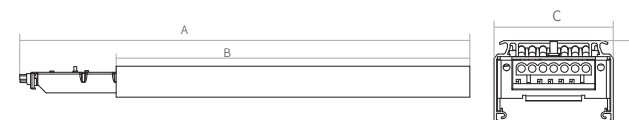


Trunking Rail

BRIGHTON trunk rails are pre-wired sections .Which provide the AC power and control signals to modules . The trunk rail has 5/7/11 wires style which meet the different modules .The available length are 0.6m, 1.2m, 1.5m, 2.4m, 3.0m. The node connectors with wired WAGO terminal on both sides of the trunk rail not only make the tool free installation but also make the installation directions .



Dimensions



| Product Name | A | B | C | D |
|--------------|------|------|----|----|
| 0.6M/2ft | 725 | 605 | 55 | 38 |
| 1.2M/4ft | 1325 | 1205 | 55 | 38 |
| 1.5M/5ft | 1625 | 1505 | 55 | 38 |
| 2.4M/8ft | 2530 | 2410 | 55 | 38 |
| 3.0M/10ft | 3130 | 3010 | 55 | 38 |

Unit:mm

Data sheet

| Product name | Item No. | Dimension (L x W x H mm) | Wires | Suitable for |
|-------------------------|---------------|-----------------------------|-------|---|
| 0.6M/2ft Trunking rail | TS-TN06-05-F1 | 605 x 55 x 38mm | 5 | 3-Phase operation + Basic ON-OFF |
| | TS-TN06-07-F2 | | 7 | 3-Phase operation + Basic ON-OFF + Dimming or Emergency |
| | TS-TN06-11-F3 | | 11 | 3-Phase operation + Basic ON-OFF + Dimming + Emergency |
| 1.2M/4ft Trunking rail | TS-TN12-05-F1 | 1205 x 55 x 38mm | 5 | 3-Phase operation + Basic ON-OFF |
| | TS-TN12-07-F2 | | 7 | 3-Phase operation + Basic ON-OFF + Dimming or Emergency |
| | TS-TN12-11-F3 | | 11 | 3-Phase operation + Basic ON-OFF + Dimming + Emergency |
| 2.4M/8ft Trunking rail | TS-TN24-05-F1 | 2410 x 55 x 38mm | 5 | 3-Phase operation + Basic ON-OFF |
| | TS-TN24-07-F2 | | 7 | 3-Phase operation + Basic ON-OFF + Dimming or Emergency |
| | TS-TN24-11-F3 | | 11 | 3-Phase operation + Basic ON-OFF + Dimming + Emergency |
| 1.5M/5ft Trunking rail | TS-TN15-05-F1 | 1505 x 55 x 38mm | 5 | 3-Phase operation + Basic ON-OFF |
| | TS-TN15-07-F2 | | 7 | 3-Phase operation + Basic ON-OFF + Dimming or Emergency |
| | TS-TN15-11-F3 | | 11 | 3-Phase operation + Basic ON-OFF + Dimming + Emergency |
| 3.0M/10ft Trunking rail | TS-TN30-05-F1 | 3010 x 55 x 38mm | 5 | 3-Phase operation + Basic ON-OFF |
| | TS-TN30-07-F2 | | 7 | 3-Phase operation + Basic ON-OFF + Dimming or Emergency |
| | TS-TN30-11-F3 | | 11 | 3-Phase operation + Basic ON-OFF + Dimming + Emergency |

(Dimming : 1-10V / DALI / MS / PIR sensor)

Installation

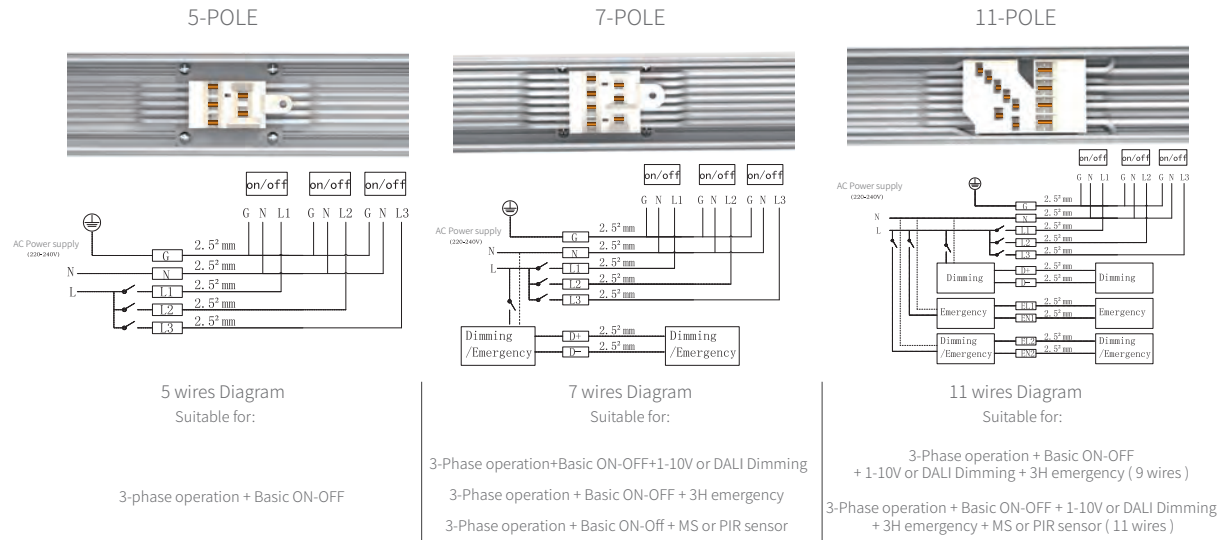


Wiring System

BRIGHTON trunk linear system delivers a very professional wiring system. The trunk rail has the 5/7/11 wiring. The WAGO connector used in the trunk offer a tool free installation between the trunk rails and modules.

BRIGHTON trunk linear not only use the 3-phase & 2.5M (20AWG) power wires but also use the WAGO phase conversion function connector. It allows MAX 16A and 200 meters trunk rail be connected in 3 phase power supply system.

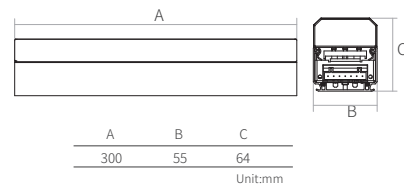
Wire Diagram



Start Unit

BRIGHTON start units make the trunk linear system just need one time AC power supply connection for each loop. It can be inserted at the beginning or ending of the multiple link. This design makes the saves clients much installation labour cost.

The start unit with the female WAGO AC connection terminal, Just need easy inserting to the trunk rail to finish the installation. It delivers 5/7/11 wires style to meet the different wire style trunk rail.



Datasheet

| Product name | Item No. | Specification |
|---------------------|---------------|---------------------|
| 5 wires Start unit | TS-FM03-05-ST | For 5 wires system |
| 7 wires Start unit | TS-FM03-07-ST | For 7 wires system |
| 11 wires Start unit | TS-FM03-11-ST | For 11 wires system |

LED light module : Lens module

| Product Picture | Product Name | Order Code | Function | AC Input | LM/W | Lumen Output | CRI | PF THD | Beam Angle | Flicker Free | CCT |
|-----------------|--------------------------|---|-------------------------|--------------------------------|---------|--------------|-----|----------------|-------------------|--------------|---------------------------------|
| | 0.6M/2ft/12W lens module | TS-LM06-12PN1-AL001 TS-LM06-12PN1-AL002 TS-LM06-12PN1-AL003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.130 | typ.1550 | >80 | >0.95 <-15% | 30/60/90 LR/25 | Y | Single color or Tri-color |
| | 0.6M/2ft/24W lens module | TS-LM06-24RN1-AL001 TS-LM06-24RN1-AL002 TS-LM06-24RN1-AL003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.150 | typ.3600 | >80 | >0.95 <-15% | 30/60/90 LR/25 | Y | Single color or Tri-color |
| | 1.2M/4ft/25W lens module | TS-LM12-25PN1-AL001 TS-LM12-25PN1-AL002 TS-LM12-25PN1-AL003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.130 | typ.3250 | >80 | >0.95 <-15% | 30/60/90 LR/25 | Y | Single color or Tri-color |
| | 1.2M/4ft/50W lens module | TS-LM12-50RN1-AL001 TS-LM12-50RN1-AL002 TS-LM12-50RN1-AL003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.150 | typ.7500 | >80 | >0.95 <-15% | 30/60/90 LR/25 | Y | Single color or Tri-color |
| | 1.5M/5ft/32W lens module | TS-LM15-32PN1-AL001 TS-LM15-32PN1-AL002 TS-LM15-32PN1-AL003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.130 | typ.4150 | >80 | >0.95 <-15% | 30/60/90 LR/25 | Y | Single color or Tri-color |
| | 1.5M/5ft/64W lens module | TS-LM15-64RN1-AL001 TS-LM15-64RN1-AL002 TS-LM15-64RN1-AL003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.150 | typ.9600 | >80 | >0.95 <-15% | 30/60/90 LR/25 | Y | Single color or Tri-color |

LED light module : Gentle module

| Product Picture | Product Name | Order Code | Function | AC Input | LM/W | Lumen Output | CRI | PF THD | Beam Angle | Flicker Free | CCT |
|-----------------|----------------------------|---|-------------------------|--------------------------------|---------|--------------|-----|----------------|------------|--------------|---------------------------------|
| | 0.6M/2ft/12W gentle module | TS-LM06-12SN1-AG001 TS-LM06-12SN1-AG002 TS-LM06-12SN1-AG003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.100 | typ.1200 | >80 | >0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 0.6M/2ft/24W gentle module | TS-LM06-24SN1-AG001 TS-LM06-24SN1-AG002 TS-LM06-24SN1-AG003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.100 | typ.2400 | >80 | >0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 1.2M/4ft/25W gentle module | TS-LM12-25SN1-AG001 TS-LM12-25SN1-AG002 TS-LM12-25SN1-AG003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.100 | typ.2500 | >80 | >0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 1.2M/4ft/50W gentle module | TS-LM12-50SN1-AG001 TS-LM12-50SN1-AG002 TS-LM12-50SN1-AG003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.100 | typ.5000 | >80 | >0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 1.5M/5ft/32W gentle module | TS-LM15-32SN1-AG001 TS-LM15-32SN1-AG002 TS-LM15-32SN1-AG003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.100 | typ.3200 | >80 | >0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 1.5M/5ft/64W gentle module | TS-LM15-64SN1-AG001 TS-LM15-64SN1-AG002 TS-LM15-64SN1-AG003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.100 | typ.6400 | >80 | >0.95 <-15% | 120 | Y | Single color or Tri-color |

LED light module : Frosted module

| Product Picture | Product Name | Order Code | Function | AC Input | LM/W | Lumen Output | CRI | PF THD | Beam Angle | Flicker Free | CCT |
|-----------------|-----------------------------|---|-------------------------|--------------------------------|---------|--------------|-----|----------------|------------|--------------|---------------------------------|
| | 0.6M/2ft/12W frosted module | TS-LM06-12PN1-AF001 TS-LM06-12PN1-AF002 TS-LM06-12PN1-AF003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.120 | typ.1450 | >80 | >0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 0.6M/2ft/24W frosted module | TS-LM06-24PN1-AF001 TS-LM06-24PN1-AF002 TS-LM06-24PN1-AF003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.120 | typ.2900 | >80 | >0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 1.2M/4ft/25W frosted module | TS-LM12-25PN1-AF001 TS-LM12-25PN1-AF002 TS-LM12-25PN1-AF003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.120 | typ.3000 | >80 | >0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 1.2M/4ft/50W frosted module | TS-LM12-50PN1-AF001 TS-LM12-50PN1-AF002 TS-LM12-50PN1-AF003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.120 | typ.6000 | >80 | >0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 1.5M/5ft/32W frosted module | TS-LM15-32PN1-AF001 TS-LM15-32PN1-AF002 TS-LM15-32PN1-AF003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.120 | typ.3850 | >80 | >0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 1.5M/5ft/64W frosted module | TS-LM15-64PN1-AF001 TS-LM15-64PN1-AF002 TS-LM15-64PN1-AF003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.120 | typ.7650 | >80 | >0.95 <-15% | 120 | Y | Single color or Tri-color |

LED light module : Narrow module

| Product Picture | Product Name | Order Code | Function | AC Input | LM/W | Lumen Output | CRI | PF THD | Beam Angle | Flicker Free | CCT |
|-----------------|----------------------------|---|-------------------------|--------------------------------|---------|--------------|-----|-----------------|------------|--------------|---------------------------------|
| | 0.6M/2ft/12W narrow module | TS-LM06-12PN1-AN001 TS-LM06-12PN1-AN002 TS-LM06-12PN1-AN003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.130 | typ.1550 | >80 | >-0.95 <-15% | 80 | Y | Single color or Tri-color |
| | 0.6M/2ft/24W narrow module | TS-LM06-24RN1-AN001 TS-LM06-24RN1-AN002 TS-LM06-24RN1-AN003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.150 | typ.3600 | >80 | >-0.95 <-15% | 80 | Y | Single color or Tri-color |
| | 1.2M/4ft/25W narrow module | TS-LM12-25PN1-AN001 TS-LM12-25PN1-AN002 TS-LM12-25PN1-AN003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.130 | typ.3250 | >80 | >-0.95 <-15% | 80 | Y | Single color or Tri-color |
| | 1.2M/4ft/50W narrow module | TS-LM12-50RN1-AN001 TS-LM12-50RN1-AN002 TS-LM12-50RN1-AN003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.150 | typ.7500 | >80 | >-0.95 <-15% | 80 | Y | Single color or Tri-color |
| | 1.5M/5ft/32W narrow module | TS-LM15-32PN1-AN001 TS-LM15-32PN1-AN002 TS-LM15-32PN1-AN003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.130 | typ.4150 | >80 | >-0.95 <-15% | 80 | Y | Single color or Tri-color |
| | 1.5M/5ft/64W narrow module | TS-LM15-64RN1-AN001 TS-LM15-64RN1-AN002 TS-LM15-64RN1-AN003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.150 | typ.9600 | >80 | >-0.95 <-15% | 80 | Y | Single color or Tri-color |

LED light module : T8 module

| Product Picture | Product Name | Order Code | Function | AC Input | LM/W | Lumen Output | CRI | PF THD | Beam Angle | Flicker Free | CCT |
|-----------------|------------------------|---|-------------------------|--------------------------------|---------|--------------|-----|-----------------|------------|--------------|---------------------------------|
| | 0.6M/2ft/12W T8 module | TS-LM06-12PN1-AT001 TS-LM06-12PN1-AT002 TS-LM06-12PN1-AT003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.120 | typ.1450 | >80 | >-0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 0.6M/2ft/24W T8 module | TS-LM06-24PN1-AT001 TS-LM06-24PN1-AT002 TS-LM06-24PN1-AT003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.120 | typ.2900 | >80 | >-0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 1.2M/4ft/25W T8 module | TS-LM12-25PN1-AT001 TS-LM12-25PN1-AT002 TS-LM12-25PN1-AT003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.120 | typ.3000 | >80 | >-0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 1.2M/4ft/50W T8 module | TS-LM12-50PN1-AT001 TS-LM12-50PN1-AT002 TS-LM12-50PN1-AT003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.120 | typ.6000 | >80 | >-0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 1.5M/5ft/32W T8 module | TS-LM15-32PN1-AT001 TS-LM15-32PN1-AT002 TS-LM15-32PN1-AT003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.120 | typ.3850 | >80 | >-0.95 <-15% | 120 | Y | Single color or Tri-color |
| | 1.5M/5ft/64W T8 module | TS-LM15-64PN1-AT001 TS-LM15-64PN1-AT002 TS-LM15-64PN1-AT003 | ON/OFF 1-10V DALI | AC200-240V OR AC100-277V | typ.120 | typ.7650 | >80 | >-0.95 <-15% | 120 | Y | Single color or Tri-color |

Function Module : Track Rail

| Product Picture | Product Name | Order Code | Dimension | | | | | | | | | | | | | | | | | | |
|-----------------|-----------------|---------------|--|--------------|----|---|---|---|---|----------|------|-----|----|----|----|----------|------|------|----|----|----|
| | 1.2M/Track Rail | TS-FM12-05-TR | <table border="1"> <thead> <tr> <th>Product Name</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> </tr> </thead> <tbody> <tr> <td>1.2M/4ft</td> <td>1205</td> <td>700</td> <td>55</td> <td>26</td> <td>54</td> </tr> <tr> <td>1.5M/5ft</td> <td>1505</td> <td>1000</td> <td>55</td> <td>26</td> <td>54</td> </tr> </tbody> </table> | Product Name | A | B | C | D | E | 1.2M/4ft | 1205 | 700 | 55 | 26 | 54 | 1.5M/5ft | 1505 | 1000 | 55 | 26 | 54 |
| | Product Name | A | | B | C | D | E | | | | | | | | | | | | | | |
| 1.2M/4ft | 1205 | 700 | 55 | 26 | 54 | | | | | | | | | | | | | | | | |
| 1.5M/5ft | 1505 | 1000 | 55 | 26 | 54 | | | | | | | | | | | | | | | | |
| 1.5M/Track Rail | TS-FM15-05-TR | | | | | | | | | | | | | | | | | | | | |

Function Module : Blank Cover

| Product Picture | Product Name | Order Code | Dimension | | | | | | | | | | | | | | | | | | | | |
|------------------|------------------|------------|--|--------------|----|----|---|---|----------|-----|----|----|----|----------|------|----|----|----|----------|------|----|----|----|
| | 0.6M/Blank Cover | TS-FM06-BC | <table border="1"> <thead> <tr> <th>Product Name</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>0.6M/2ft</td> <td>605</td> <td>55</td> <td>26</td> <td>54</td> </tr> <tr> <td>1.2M/4ft</td> <td>1205</td> <td>55</td> <td>26</td> <td>54</td> </tr> <tr> <td>1.5M/5ft</td> <td>1505</td> <td>55</td> <td>26</td> <td>54</td> </tr> </tbody> </table> | Product Name | A | B | C | D | 0.6M/2ft | 605 | 55 | 26 | 54 | 1.2M/4ft | 1205 | 55 | 26 | 54 | 1.5M/5ft | 1505 | 55 | 26 | 54 |
| | Product Name | A | | B | C | D | | | | | | | | | | | | | | | | | |
| | 0.6M/2ft | 605 | | 55 | 26 | 54 | | | | | | | | | | | | | | | | | |
| 1.2M/4ft | 1205 | 55 | 26 | 54 | | | | | | | | | | | | | | | | | | | |
| 1.5M/5ft | 1505 | 55 | 26 | 54 | | | | | | | | | | | | | | | | | | | |
| 1.2M/Blank Cover | TS-FM12-BC | | | | | | | | | | | | | | | | | | | | | | |
| 1.5M/Blank Cover | TS-FM15-BC | | | | | | | | | | | | | | | | | | | | | | |

Function Module: Micro-wave sensor module

| Product Picture | Order Code | Detection Pattern(max/min) | Specification |
|-----------------|---------------|----------------------------|---|
| | TS-FM07-07-MS | | Rated Power: 400W(fluorescent 5E3), 800W(incandescent 2E4) Operating Voltage: 220~240V Detection Area(Radius):6m Max. Max.Mounting height:6m Hold time:5s/30s/90s/3min/20min/30min Operating temperature:-25°C~60°C |

Function Module: PIR Sensor module

| Product Picture | Order Code | Detection Pattern(max/min) | Specification |
|-----------------|---------------|----------------------------|--|
| | TS-FM07-07-PR | | Rated Power:200W Operating Voltage: 220~240V Detection Area(Radius):6m Max. Max.Mounting height:6m Hold time:30s~30min Operating temperature:-25°C~60°C |

Function Module: Emergency module

| Product Picture | Order Code | Battery pack | Specification |
|-----------------|---------------|--------------|--|
| | TS-FM07-07-EM | | Rated Power:3/6W Operating Voltage: 200~240V LED Voltage:25~48V DC Emergency time:3h Lumen output : 10% @ led light module Operating temperature:-25°C~60°C |

Accessories

| | | | |
|-----------------|-----------------|-------------|----------------|
| | | | |
| Left connector | Right connector | T connector | X connector |
| | | | |
| Suspension kits | Wire connector | End cap | Waterproof cap |

LED Track Panel

60%
energy saving

50,000
hours life

5 years
warranty

LED Track Panel

Track Panel : Wattage adjustable , 1-10V /DALI Dimming



Wattage adjustable
1~10V dimming
5 YR

Tri-color
3000K 4000K 5000K

Features

- > 30/60/90/L25/R25 viewing angle
- > Wattage adjustable
- > Single or Tri-Color
- > 5 years warranty

Applications

- > Replacement for Normal Track Light,
- > Warehouses , Factories, Supermarkets

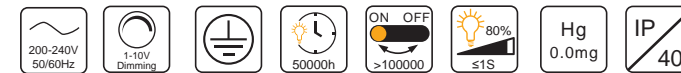
Options

- > Viewing angle:
30/60/90/Double25 viewing angle
- > Emitting color :
Single or Tri-color
- > Function :
ON-OFF / 1-10V/DALI
- > Wattage Adjustable:
32W / 64W / 32-64W
- > Installation : T
Track / Suspension

EU Style



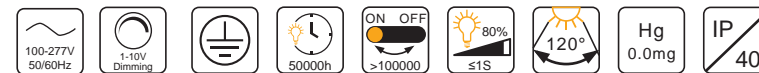
| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Flicker Free |
|----------------------|------------------------------|-------------|--------------|----------------|-------------|------------|--------------|--------------|
| Single Color | | | | | | | | |
| TK60-32DN1-ALN1B-001 | 600x150mm-32W GS track panel | 32W | 4450LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |
| TK60-64DN1-ALN1B-001 | 600x150mm-64W GS track panel | 64W | 8950LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |
| Tri-color | | | | | | | | |
| TK60-32DTR-ALN1B-001 | 600x150mm-32W GS track panel | 32W | 4450LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |
| TK60-64DTR-ALN1B-001 | 600x150mm-64W GS track panel | 64W | 8950LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |



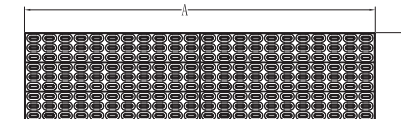
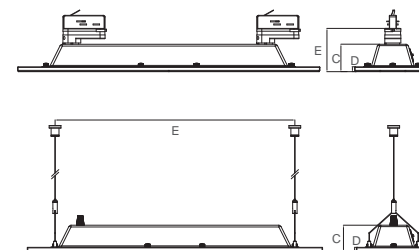
North American Style: 1-10V dimming as standard



| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Flicker Free |
|----------------------|-------------------------------|-------------|--------------|----------------|-------------|------------|--------------|--------------|
| Single Color | | | | | | | | |
| TK60-32DN1-ALV1X-500 | 600x150mm-32W ETL track panel | 32W | 4450LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |
| TK60-60DN1-ALV1X-500 | 600x150mm-64W ETL track panel | 60W | 8400LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |
| Tri-color | | | | | | | | |
| TK60-32DN1-ALV1X-500 | 600x150mm-32W ETL track panel | 32W | 4450LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |
| TK60-60DN1-ALV1X-500 | 600x150mm-60W ETL track panel | 60W | 8400LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |



Dimensions



| Product Name | A | B | C | D | E |
|--------------|-----|-----|----|---|-----|
| Track | 602 | 152 | 55 | 9 | 80 |
| Suspension | 602 | 152 | 55 | 9 | 486 |

Unit: mm



LED Linear Light LED Batten Light

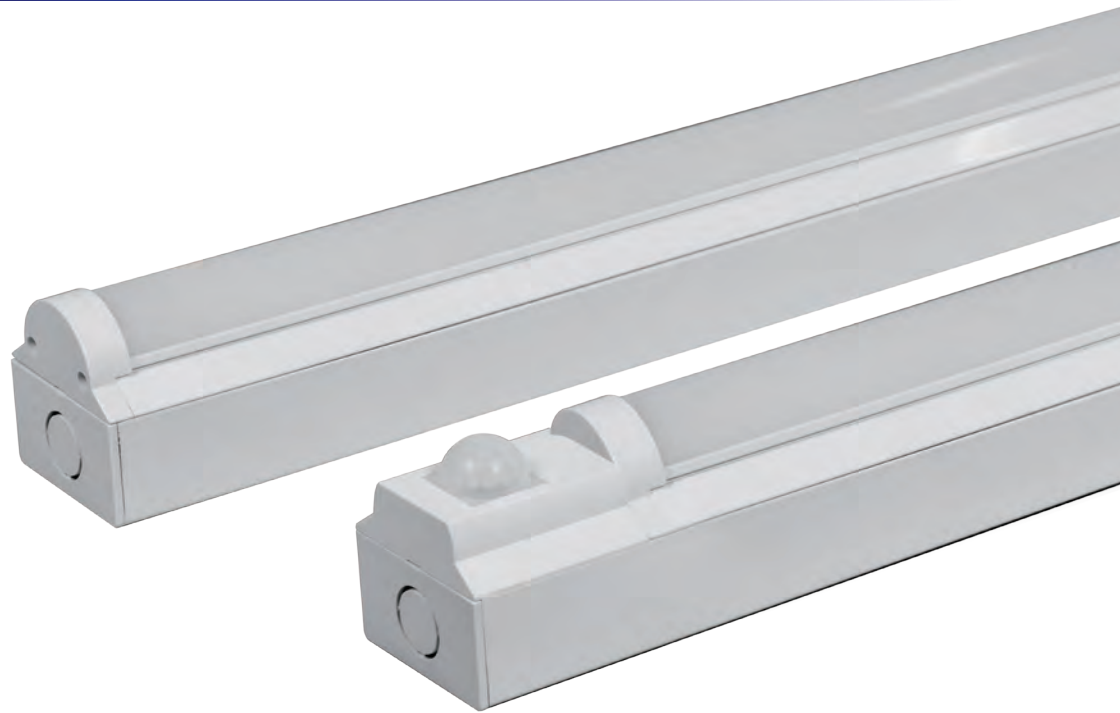
60%
energy saving

50,000
hours life

5 years
warranty

LED Linear Light : T8 Slim Batten

T8 Slim Batten 120LM/W GS /ETL /DLC approval



EU Style



| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Dimming | Power Factor | Flicker Free |
|----------------------------|-----------------------------|-------------|--------------|----------------|-------------|------------|---------|--------------|--------------|
| Single Color Series | | | | | | | | | |
| BT02-10PN1-STN2B-001 | 60CM-10W GS T8 slim batten | 10W | 1200LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT04-17PN1-STN2B-001 | 120CM-17W GS T8 slim batten | 17W | 2050LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT04-32PN1-STN2B-001 | 120CM-32W GS T8 slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT05-28PN1-STN2B-001 | 150CM-28W GS T8 slim batten | 28W | 3350LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT05-56PN1-STN2B-001 | 150CM-56W GS T8 slim batten | 56W | 6700LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-32PN1-STN2B-001 | 180CM-32W GS T8 slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-62PN1-STN2B-001 | 180CM-62W GS T8 slim batten | 62W | 7500LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| Tri-color Series | | | | | | | | | |
| BT02-10PTR-STN2B-001 | 60CM-10W GS T8 slim batten | 10W | 1200LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT04-17PTR-STN2B-001 | 120CM-17W GS T8 slim batten | 17W | 2050LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT04-32PTR-STN2B-001 | 120CM-32W GS T8 slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT05-28PTR-STN2B-001 | 150CM-28W GS T8 slim batten | 28W | 3350LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT05-56PTR-STN2B-001 | 150CM-56W GS T8 slim batten | 56W | 6700LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-32PTR-STN2B-001 | 180CM-32W GS T8 slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-62PTR-STN2B-001 | 180CM-62W GS T8 slim batten | 62W | 7500LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |



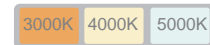
North American Style : 1-10V Dimming as standard



| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Dimming | Power Factor | Flicker Free |
|----------------------------|----------------------------|-------------|--------------|----------------|-------------|------------|---------|--------------|--------------|
| Single Color Series | | | | | | | | | |
| BT02-10PN1-STV1X-500 | 2ft-10W ETL T8 slim batten | 10W | 1200LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT04-17PN1-STV1X-500 | 4ft-17W ETL T8 slim batten | 17W | 2050LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT04-32PN1-STV1X-500 | 4ft-32W ETL T8 slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT05-28PN1-STV1X-500 | 5ft-28W ETL T8 slim batten | 28W | 3350LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT05-56PN1-STV1X-500 | 5ft-56W ETL T8 slim batten | 56W | 6700LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-32PN1-STV1X-500 | 6ft-32W ETL T8 slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-62PN1-STV1X-500 | 6ft-62W ETL T8 slim batten | 62W | 7500LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| Tri-color Series | | | | | | | | | |
| BT02-10PTR-STV1X-500 | 2ft-10W ETL T8 slim batten | 10W | 1200LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT04-17PTR-STV1X-500 | 4ft-17W ETL T8 slim batten | 17W | 2050LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT04-32PTR-STV1X-500 | 4ft-32W ETL T8 slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT05-28PTR-STV1X-500 | 5ft-28W ETL T8 slim batten | 28W | 3350LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT05-56PTR-STV1X-500 | 5ft-56W ETL T8 slim batten | 56W | 6700LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-32PTR-STV1X-500 | 6ft-32W ETL T8 slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-62PTR-STV1X-500 | 6ft-62W ETL T8 slim batten | 62W | 7500LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |



Tri-color



Features

- > Patent design for T8 fluorescent fitting
- > End or rear cable entry
- > Easy installation
- > 5 years warranty

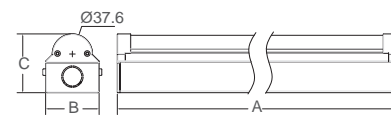
Applications

- > Replacement for T8 /T5 fluorescent batten
- > Warehouses , Factories, Car parks , Supermarket
- > Stations, Office

Options

- > Emitting color : Single or Tri-color
- > Dimming : on-off / 1-10V / DALI/PIR
- > Wiring method : Single or double sides
- > Installation : Surface mounting or Suspension

Dimensions



| Product Name | A | B | C |
|--------------|------|----|----|
| 60cm/2ft | 600 | 55 | 58 |
| 120cm/4ft | 1200 | 55 | 58 |
| 150cm/5ft | 1500 | 55 | 58 |
| 180cm/6ft | 1800 | 55 | 58 |

Unit:mm

LED Linear Light : Narrow Slim Batten

Narrow Slim Batten : 80 Degree 120LM/W High Lux GS /ETL/DLC Approval



80 degree
1~10V dimming
5 YR

Tri-color
3000K 4000K 5000K

Features

- > Patent design for T8 fluorescent fitting
- > End or rear cable entry
- > 80 degree with higher Lux
- > Easy installation
- > 5 years warranty

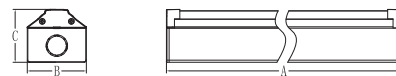
Applications

- > Replacement for T8 /T5 fluorescent batten
- > Warehouses , Factories, Car parks , Supermarket
- > Stations, Office

Options

- > Emitting color : Single or Tri-color
- > Dimming : on-off / 1-10V / DALI
- > Wiring method : Single or double sides
- > Installation : Surface mounting or Suspension

Dimensions



| Product Name | A | B | C |
|--------------|------|----|----|
| 60cm/2ft | 584 | 55 | 50 |
| 120cm/4ft | 1154 | 55 | 50 |
| 150cm/5ft | 1439 | 55 | 50 |
| 180cm/6ft | 1724 | 55 | 50 |

Unit:mm

EU Style



| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Dimming | Power Factor | Flicker Free |
|----------------------------|---------------------------------|-------------|--------------|----------------|-------------|------------|---------|--------------|--------------|
| Single Color Series | | | | | | | | | |
| BT04-17PN1-SNN2B-001 | 120CM-17W GS narrow slim batten | 17W | 2050LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT04-32PN1-SNN2B-001 | 120CM-32W GS narrow slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT05-28PN1-SNN2B-001 | 150CM-28W GS narrow slim batten | 28W | 3350LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT05-56PN1-SNN2B-001 | 150CM-56W GS narrow slim batten | 56W | 6700LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-32PN1-SNN2B-001 | 180CM-32W GS narrow slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-62PN1-SNN2B-001 | 180CM-62W GS narrow slim batten | 62W | 7500LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-72PN1-SNN2B-001 | 180CM-72W GS narrow slim batten | 72W | 8650LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| Tri-color Series | | | | | | | | | |
| BT04-17PTR-SNN2B-001 | 120CM-17W GS narrow slim batten | 17W | 2050LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT04-32PTR-SNN2B-001 | 120CM-32W GS narrow slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT05-28PTR-SNN2B-001 | 150CM-28W GS narrow slim batten | 28W | 3350LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT05-56PTR-SNN2B-001 | 150CM-56W GS narrow slim batten | 56W | 6700LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-32PTR-SNN2B-001 | 180CM-32W GS narrow slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-62PTR-SN N2B-001 | 180CM-62W GS narrow slim batten | 62W | 7500LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-72PN1-SNN2B-001 | 180CM-72W GS narrow slim batten | 72W | 8650LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |



North American Style : 1-10V Dimming as standard

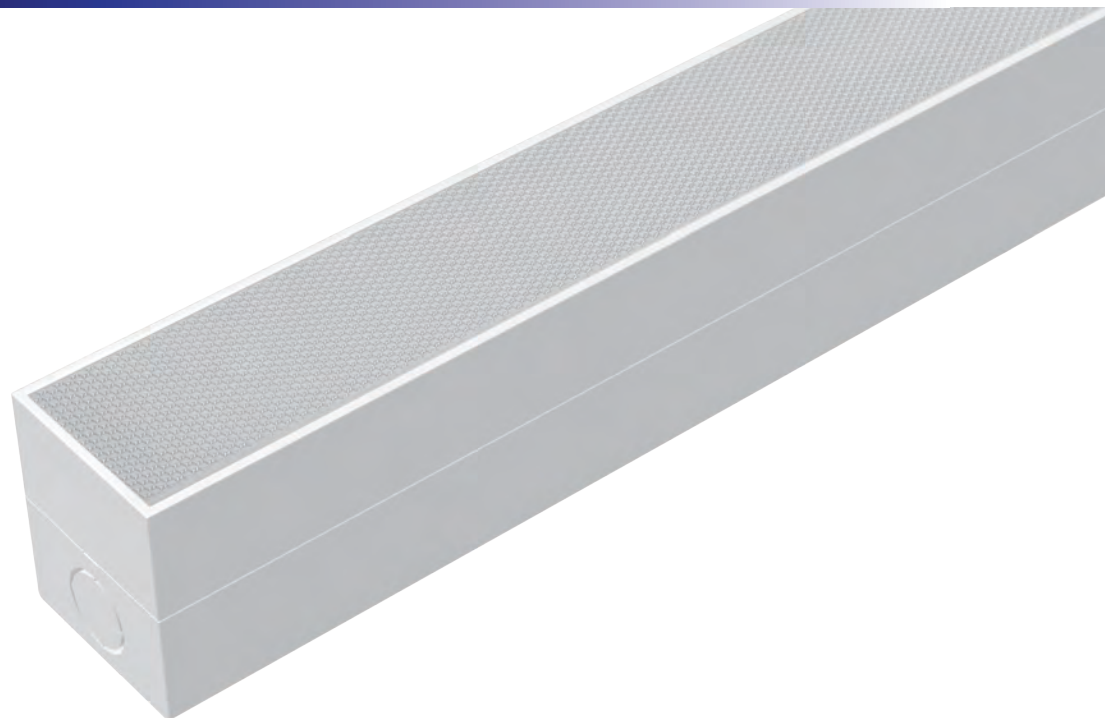


| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Dimming | Power Factor | Flicker Free |
|----------------------------|--------------------------------|-------------|--------------|----------------|-------------|------------|---------|--------------|--------------|
| Single Color Series | | | | | | | | | |
| BT04-17PN1-SNV1X-500 | 4ft-17W ETL narrow slim batten | 17W | 2050LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT04-32PN1-SNV1X-500 | 4ft-32W ETL narrow slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT05-28PN1-SNV1X-500 | 5ft-28W ETL narrow slim batten | 28W | 3350LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT05-56PN1-SNV1X-500 | 5ft-56W ETL narrow slim batten | 56W | 6700LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-32PN1-SNV1X-500 | 6ft-32W ETL narrow slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-62PN1-SNV1X-500 | 6ft-62W ETL narrow slim batten | 62W | 7500LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-72PN1-SNV1X-500 | 6ft-72W ETL narrow slim batten | 72W | 8650LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| Tri-color Series | | | | | | | | | |
| BT04-17PTR-SNV1X-500 | 4ft-17W ETL narrow slim batten | 17W | 2050LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT04-32PTR-SNV1X-500 | 4ft-32W ETL narrow slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT05-28PTR-SNV1X-500 | 5ft-28W ETL narrow slim batten | 28W | 3350LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT05-56PTR-SNV1X-500 | 5ft-56W ETL narrow slim batten | 56W | 6700LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-32PTR-SNV1X-500 | 6ft-32W ETL narrow slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-62PTR-SNV1X-500 | 6ft-62W ETL narrow slim batten | 62W | 7500LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-72PTR-SNV1X-500 | 6ft-72W ETL narrow slim batten | 72W | 8650LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |



LED Linear Light : Gentle Slim Batten

Gentle Slim Batten : Low Glare /UGR<19 100LM/W GS /ETL/DLC Approval



UGR <19

1~10V dimming

5 YR

Tri-color

3000K 4000K 5000K

Features

- > Low glare /UGR<19
- > End or rear cable entry
- > Easy installation
- > 5 years warranty

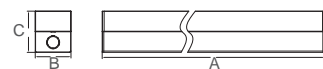
Applications

- > Replacement for T8 /T5 fluorescent batten
- > Education light : Classroom
- > Office Light : Office, Conference room
- > Commercial Light : Supermarket , Shoppingmall

Options

- > Emitting color : Single or Tri-color
- > Dimming : on-off / 1-10V / DALI
- > Wiring method : Single or double sides
- > Installation : Surface mounting or Suspension

Dimensions



| Product Name | A | B | C |
|--------------|------|----|------|
| 60cm/2ft | 642 | 55 | 63.5 |
| 120cm/4ft | 1119 | 55 | 63.5 |
| 150cm/5ft | 1473 | 55 | 63.5 |
| 180cm/6ft | 1755 | 55 | 63.5 |

Unit:mm

EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------------|---------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Single Color Series | | | | | | | | | |
| BT02-10SN1-SGN1B-001 | 60CM-10W GS gentle slim batten | 10W | 1000LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT04-17SN1-SGN1B-001 | 120CM-17W GS gentle slim batten | 17W | 1700LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT05-28SN1-SGN1B-001 | 150CM-28W GS gentle slim batten | 28W | 2800LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT06-32SN1-SGN1B-001 | 180CM-32W GS gentle slim batten | 32W | 3200LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| Tri-color Series | | | | | | | | | |
| BT02-10STR-SGN1B-001 | 60CM-10W GS gentle slim batten | 10W | 1000LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT04-17STR-SGN1B-001 | 120CM-17W GS gentle slim batten | 17W | 1700LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT05-28STR-SGN1B-001 | 150CM-28W GS gentle slim batten | 28W | 2800LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT06-32STR-SGN1B-001 | 180CM-32W GS gentle slim batten | 32W | 3200LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |



North American Style : 1-10V Dimming as standard



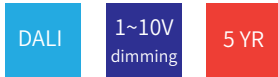
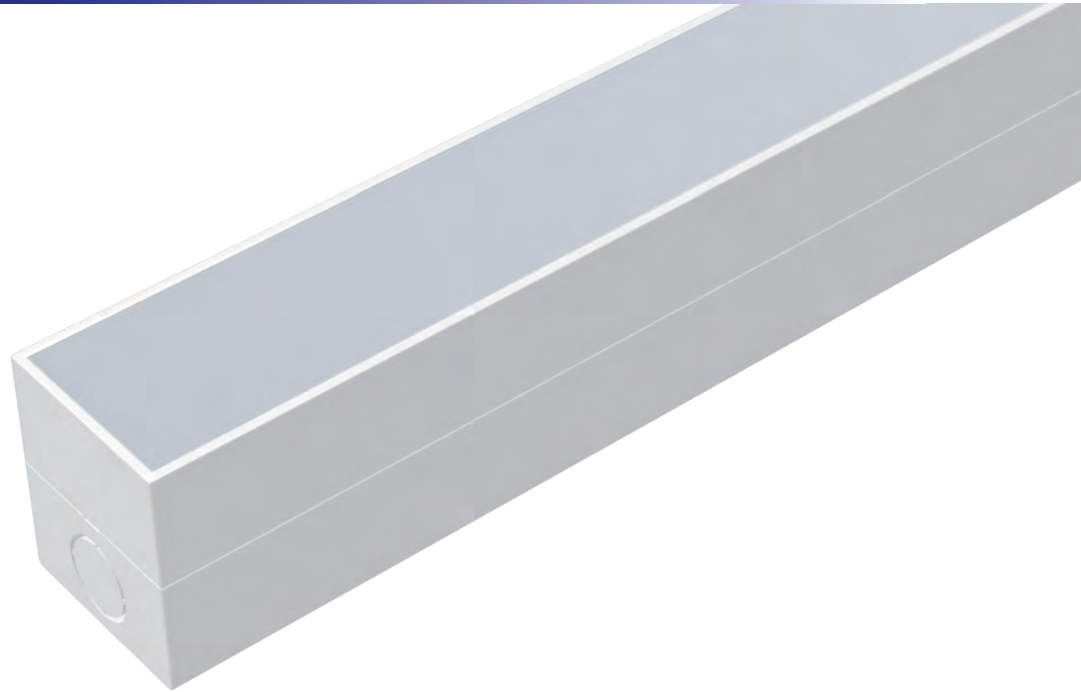
• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------------|--------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Single Color Series | | | | | | | | | |
| BT02-10SN1-SGV1X-500 | 2ft-10W ETL gentle slim batten | 10W | 1000LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT04-17SN1-SGV1X-500 | 4ft-17W ETL gentle slim batten | 17W | 1700LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT05-28SN1-SGV1X-500 | 5ft-28W ETL gentle slim batten | 28W | 2800LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT06-32SN1-SGV1X-500 | 6ft-32W ETL gentle slim batten | 32W | 3200LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| Tri-color Series | | | | | | | | | |
| BT02-10STR-SGV1X-500 | 2ft-10W ETL gentle slim batten | 10W | 1000LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT04-17STR-SGV1X-500 | 4ft-17W ETL gentle slim batten | 17W | 1700LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT05-28STR-SGV1X-500 | 5ft-28W ETL gentle slim batten | 28W | 2800LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT06-32STR-SGV1X-500 | 6ft-32W ETL gentle slim batten | 32W | 3200LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |



LED Linear Light : Frosted Slim Batten

Frosted Slim Batten 120LM/W GS /ETL /DLC approval



Features

- > Patent design for T8 fluorescent fitting
- > End or rear cable entry
- > Easy installation
- > 5 years warranty

Applications

- > Replacement for T8 /T5 fluorescent batten
- > Education light : Classroom
- > Office Light : Office, Conference room
- > Commercial Light : Supermarket , Shoppingmall

Tri-color



Options

- > Emitting color : Single or Tri-color
- > Dimming : on-off / 1-10V / DALI/PIR
- > Wiring method : Single or double sides
- > Installation : Surface mounting or Suspension

Dimensions



| Product Name | A | B | C |
|--------------|------|----|------|
| 60cm/2ft | 642 | 55 | 63.5 |
| 120cm/4ft | 1119 | 55 | 63.5 |
| 150cm/5ft | 1473 | 55 | 63.5 |
| 180cm/6ft | 1755 | 55 | 63.5 |

Unit:mm

EU Style



| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Dimming | Power Factor | Flicker Free |
|----------------------------|----------------------------------|-------------|--------------|----------------|-------------|------------|---------|--------------|--------------|
| Single Color Series | | | | | | | | | |
| BT02-10PN1-SFN2B-001 | 60CM-10W GS forsted slim batten | 10W | 1200LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT04-17PN1-SFN2B-001 | 120CM-17W GS forsted slim batten | 17W | 2050LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT04-32PN1-SFN2B-001 | 120CM-32W GS forsted slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT05-28PN1-SFN2B-001 | 150CM-28W GS forsted slim batten | 28W | 3350LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT05-56PN1-SFN2B-001 | 150CM-56W GS forsted slim batten | 56W | 6700LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-32PN1-SFN2B-001 | 180CM-32W GS forsted slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-62PN1-SFN2B-001 | 180CM-62W GS forsted slim batten | 62W | 7500LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| Tri-color Series | | | | | | | | | |
| BT02-10PTR-SFN2B-001 | 60CM-10W GS forsted slim batten | 10W | 1200LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT04-17PTR-SFN2B-001 | 120CM-17W GS forsted slim batten | 17W | 2050LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT04-32PTR-SFN2B-001 | 120CM-32W GS forsted slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT05-28PTR-SFN2B-001 | 150CM-28W GS forsted slim batten | 28W | 3350LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT05-56PTR-SFN2B-001 | 150CM-56W GS forsted slim batten | 56W | 6700LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-32PTR-SFN2B-001 | 180CM-32W GS forsted slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |
| BT06-62PTR-SFN2B-001 | 180CM-62W GS forsted slim batten | 62W | 7500LM | 120LM/W | Ra>80 | AC200-240V | ON/OFF | PF>0.95 | N |



North American Style : 1-10V Dimming as standard



| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Dimming | Power Factor | Flicker Free |
|----------------------------|---------------------------------|-------------|--------------|----------------|-------------|------------|---------|--------------|--------------|
| Single Color Series | | | | | | | | | |
| BT02-10PN1-SFV1X-500 | 2ft-10W ETL forsted slim batten | 10W | 1200LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT04-17PN1-SFV1X-500 | 4ft-17W ETL forsted slim batten | 17W | 2050LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT04-32PN1-SFV1X-500 | 4ft-32W ETL forsted slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT05-28PN1-SFV1X-500 | 5ft-28W ETL forsted slim batten | 28W | 3350LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT05-56PN1-SFV1X-500 | 5ft-56W ETL forsted slim batten | 56W | 6700LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-32PN1-SFV1X-500 | 6ft-32W ETL forsted slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-62PN1-SFV1X-500 | 6ft-62W ETL forsted slim batten | 62W | 7500LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| Tri-color Series | | | | | | | | | |
| BT02-10PTR-SFV1X-500 | 2ft-10W ETL forsted slim batten | 10W | 1200LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT04-17PTR-SFV1X-500 | 4ft-17W ETL forsted slim batten | 17W | 2050LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT04-32PTR-SFV1X-500 | 4ft-32W ETL forsted slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT05-28PTR-SFV1X-500 | 5ft-28W ETL forsted slim batten | 28W | 3350LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT05-56PTR-SFV1X-500 | 5ft-56W ETL forsted slim batten | 56W | 6700LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-32PTR-SFV1X-500 | 6ft-32W ETL forsted slim batten | 32W | 3850LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |
| BT06-62PTR-SFV1X-500 | 6ft-62W ETL forsted slim batten | 62W | 7500LM | 120LM/W | Ra>80 | AC100-277V | 1-10V | PF>0.95 | Y |



LED Linear Light : Reflective Slim Batten

Reflective Slim Batten : Low Glare /UGR<19 100LM/W GS/ETL/DLC Approval



UGR <19

1~10V dimming

5 YR

Tri-color

3000K 4000K 5000K

Features

- > Low glare /UGR<19
- > End or rear cable entry
- > Easy installation
- > 5 years warranty

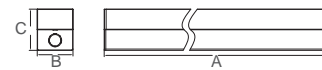
Applications

- > Replacement for T8 /T5 fluorescent batten
- > Education light : Classroom
- > Office Light : Office, Conference room
- > Commercial Light : Supermarket , Shoppingmall

Options

- > Emitting color : Single or Tri-color
- > Dimming : on-off / 1-10V / DALI
- > Wiring method : Single or double sides
- > Installation : Surface mounting or Suspension

Dimensions



| Product Name | A | B | C |
|--------------|------|----|------|
| 60cm/2ft | 642 | 55 | 63.5 |
| 120cm/4ft | 1119 | 55 | 63.5 |
| 150cm/5ft | 1473 | 55 | 63.5 |
| 180cm/6ft | 1755 | 55 | 63.5 |

Unit:mm

EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------------|-------------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Single Color Series | | | | | | | | | |
| BT02-10SN1-SRN1B-001 | 60CM-10W GS reflective slim batten | 10W | 1000LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT04-17SN1-SRN1B-001 | 120CM-17W GS reflective slim batten | 17W | 1700LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT05-28SN1-SRN1B-001 | 150CM-28W GS reflective slim batten | 28W | 2800LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT06-32SN1-SRN1B-001 | 180CM-32W GS reflective slim batten | 32W | 3200LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| Tri-color Series | | | | | | | | | |
| BT02-10STR-SRN1B-001 | 60CM-10W GS reflective slim batten | 10W | 1000LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT04-17STR-SRN1B-001 | 120CM-17W GS reflective slim batten | 17W | 1700LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT05-28STR-SRN1B-001 | 150CM-28W GS reflective slim batten | 28W | 2800LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT06-32STR-SRN1B-001 | 180CM-32W GS reflective slim batten | 32W | 3200LM | 100LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |



North American Style : 1-10V Dimming as standard



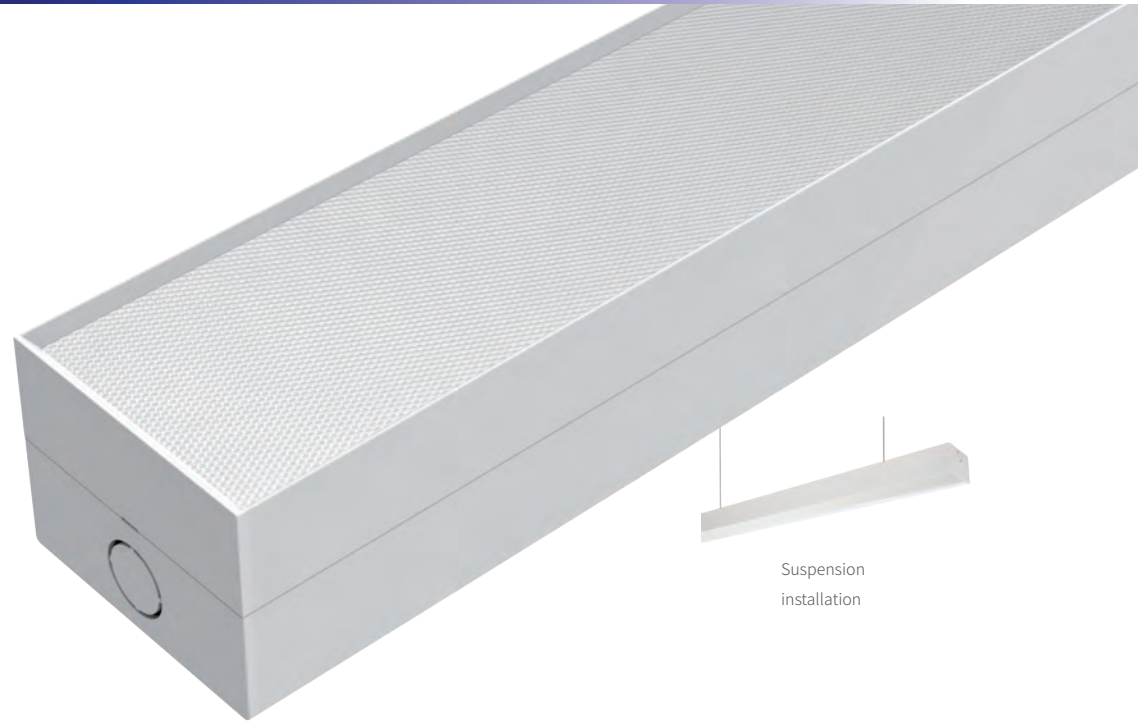
• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------------|------------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Single Color Series | | | | | | | | | |
| BT02-10SN1-SRV1X-500 | 2ft-10W ETL reflective slim batten | 10W | 1000LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT04-17SN1-SRV1X-500 | 4ft-17W ETL reflective slim batten | 17W | 1700LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT05-28SN1-SRV1X-500 | 5ft-28W ETL reflective slim batten | 28W | 2800LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT06-32SN1-SRV1X-500 | 6ft-32W ETL reflective slim batten | 32W | 3200LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| Tri-color Series | | | | | | | | | |
| BT02-10STR-SRV1X-500 | 2ft-10W ETL reflective slim batten | 10W | 1000LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT04-17STR-SRV1X-500 | 4ft-17W ETL reflective slim batten | 17W | 1700LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT05-28STR-SRV1X-500 | 5ft-28W ETL reflective slim batten | 28W | 2800LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT06-32STR-SRV1X-500 | 6ft-32W ETL reflective slim batten | 32W | 3200LM | 100LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |



LED Linear Light : Gentle Upton Batten

Gentle Upton Batten : Low Glare /UGR<19 110LM/W GS /ETL/DLC Approval



UGR <19

1~10V dimming

5 YR

Tri-color

3000K 4000K 5000K

Features

- > Low glare / UGR<19
- > End or rear cable entry
- > Easy open between up-down case
- > Easy installation
- > 5 years warranty

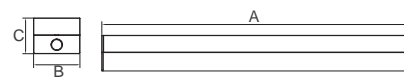
Applications

- > Replacement for normal battens
- > Education light : Classroom
- > Office Light : Office, Conference room
- > Commercial Light : Supermarket , Shopping mall

Options

- > Emitting color : Tri-color as standard
- > Dimming : on-off / 1-10V / DALI
- > Wiring method : Single or double sides
- > Installation : Surface mounting or Suspension

Dimensions



| Product Name | A | B | C |
|--------------|------|----|------|
| 60cm/2ft | 600 | 80 | 63.5 |
| 120cm/4ft | 1200 | 80 | 63.5 |
| 150cm/5ft | 1500 | 80 | 63.5 |
| 180cm/6ft | 1800 | 80 | 63.5 |

Unit:mm

EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------|----------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Tri-Color | | | | | | | | | |
| BT02-10KTR-UGN1B-001 | 60CM-10W GS gentle upton batten | 10W | 1100LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT04-17KTR-UGN1B-001 | 120CM-17W GS gentle upton batten | 17W | 1850LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT04-32KTR-UGN1B-001 | 120CM-32W GS gentle upton batten | 32W | 3500LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT05-22KTR-UGN1B-001 | 150CM-22W GS gentle upton batten | 22W | 2400LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT05-40KTR-UGN1B-001 | 150CM-40W GS gentle upton batten | 40W | 4400LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT06-27KTR-UGN1B-001 | 180CM-27W GS gentle upton batten | 27W | 2950LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT06-50KTR-UGN1B-001 | 180CM-50W GS gentle upton batten | 50W | 5500LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |



North American Style : 1-10V Dimming as standard



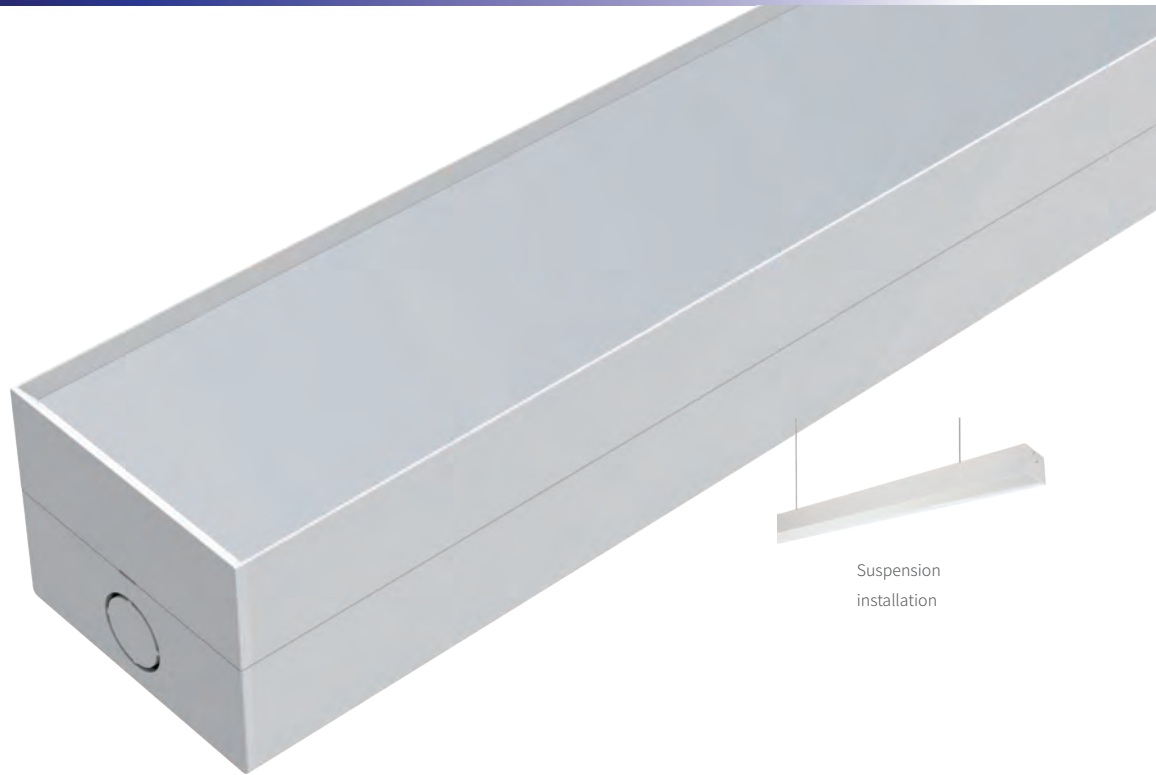
• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------|---------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Tri-Color | | | | | | | | | |
| BT02-10KTR-UGV1X-500 | 2ft-10W ETL gentle upton batten | 10W | 1100LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT04-17KTR-UGV1X-500 | 4ft-17W ETL gentle upton batten | 17W | 1850LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT04-32KTR-UGV1X-500 | 4ft-32W ETL gentle upton batten | 32W | 3500LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT05-22KTR-UGV1X-500 | 5ft-22W ETL gentle upton batten | 22W | 2400LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT05-40KTR-UGV1X-500 | 5ft-40W ETL gentle upton batten | 40W | 4400LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT06-27KTR-UGV1X-500 | 6ft-27W ETL gentle upton batten | 27W | 2950LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT06-50KTR-UGV1X-500 | 6ft-50W ETL gentle upton batten | 50W | 5500LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |



LED Linear Light : Frosted Upton Batten

Frosted Upton Batten 120LM/W GS /ETL /DLC approval



DALI 1~10V 5 YR

Tri-color

3000K 4000K 5000K

Features

- > Easy open between up-down case
- > End or rear cable entry
- > Easy installation
- > 5 years warranty

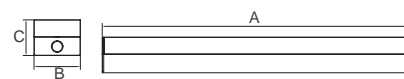
Applications

- > Replacement for normal battens
- > Education light : Classroom
- > Office Light : Office, Conference room
- > Commercial Light : Supermarket , Shopping mall

Options

- > Emitting color : Single or Tri-color
- > Dimming : on-off / 1-10V / DALI/PIR
- > Wiring method : Single or double sides
- > Installation : Surface mounting or Suspension

Dimensions



| Product Name | A | B | C |
|--------------|------|----|------|
| 60cm/2ft | 600 | 80 | 63.5 |
| 120cm/4ft | 1200 | 80 | 63.5 |
| 150cm/5ft | 1500 | 80 | 63.5 |
| 180cm/6ft | 1800 | 80 | 63.5 |

Unit:mm

EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------|-----------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Tri-Color | | | | | | | | | |
| BT02-10PTR-UFN1B-001 | 60CM-10W GS frosted upton batten | 10W | 1250LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |
| BT04-17PTR-UFN1B-001 | 120CM-17W GS frosted upton batten | 17W | 2150LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |
| BT04-32PTR-UFN1B-001 | 120CM-32W GS frosted upton batten | 32W | 4000LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |
| BT05-22PTR-UFN1B-001 | 150CM-22W GS frosted upton batten | 22W | 2750LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |
| BT05-40PTR-UFN1B-001 | 150CM-40W GS frosted upton batten | 40W | 5000LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |
| BT06-27PTR-UFN1B-001 | 180CM-27W GS frosted upton batten | 27W | 3350LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |
| BT06-50PTR-UFN1B-001 | 180CM-50W GS frosted upton batten | 50W | 6250LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |



North American Style : 1-10V Dimming as standard



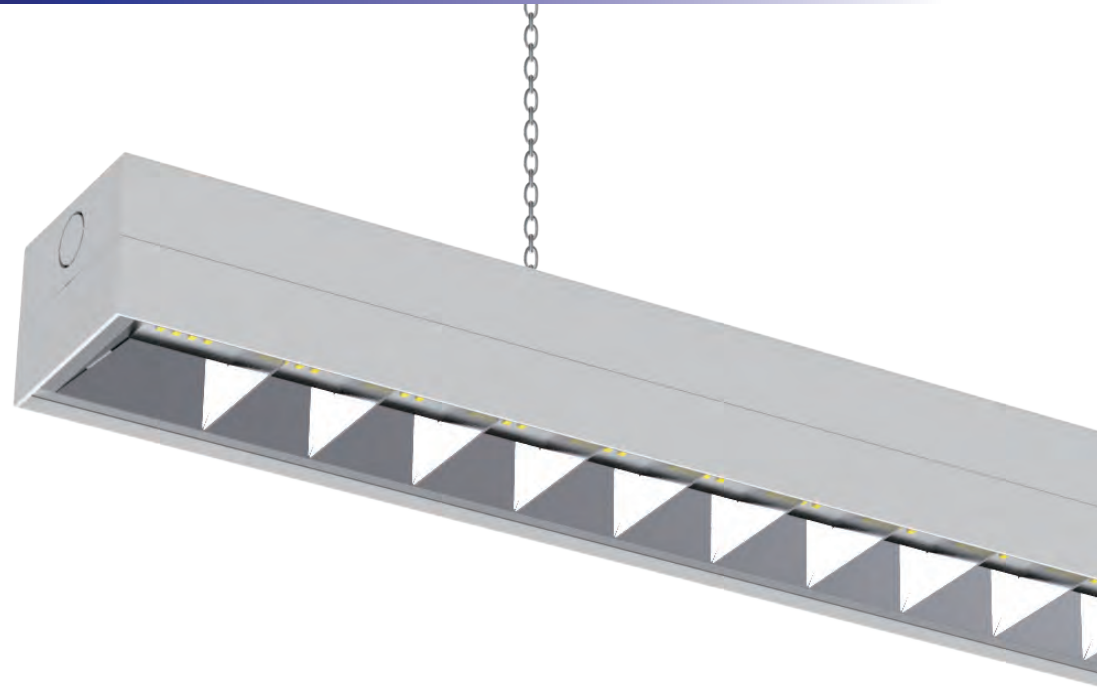
• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------|----------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Tri-Color | | | | | | | | | |
| BT02-10PTR-UFV1X-500 | 2ft-10W ETL frosted upton batten | 10W | 1250LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |
| BT04-17PTR-UFV1X-500 | 4ft-17W ETL frosted upton batten | 17W | 2150LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |
| BT04-32PTR-UFV1X-500 | 4ft-32W ETL frosted upton batten | 32W | 4000LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |
| BT05-22PTR-UFV1X-500 | 5ft-22W ETL frosted upton batten | 22W | 2750LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |
| BT05-40PTR-UFV1X-500 | 5ft-40W ETL frosted upton batten | 40W | 5000LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |
| BT06-27PTR-UFV1X-500 | 6ft-27W ETL frosted upton batten | 27W | 3350LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |
| BT06-50PTR-UFV1X-500 | 6ft-50W ETL frosted upton batten | 50W | 6250LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |



LED Linear Light : Reflective Upton Batten

Reflective Upton Batten : Low Glare /UGR<19 110LM/W GS /ETL/DLC Approval



UGR <19

1~10V dimming

5 YR

Tri-color

3000K 4000K 5000K

Features

- > Low glare / UGR<19
- > End or rear cable entry
- > Easy open between up-down case
- > Easy installation
- > 5 years warranty

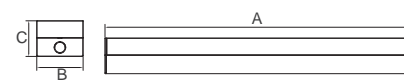
Applications

- > Replacement for normal battens
- > Education light : Classroom
- > Office Light : Office, Conference room
- > Commercial Light : Supermarket , Shopping mall

Options

- > Emitting color : Tri-color as standard
- > Dimming : on-off / 1-10V / DALI
- > Wiring method : Single or double sides
- > Installation : Surface mounting or Suspension

Dimensions



| Product Name | A | B | C |
|--------------|------|----|------|
| 60cm/2ft | 600 | 80 | 63.5 |
| 120cm/4ft | 1200 | 80 | 63.5 |
| 150cm/5ft | 1500 | 80 | 63.5 |
| 180cm/6ft | 1800 | 80 | 63.5 |

Unit:mm

EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------|--------------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Tri-Color | | | | | | | | | |
| BT02-10KTR-URN1B-001 | 60CM-10W GS reflective upton batten | 10W | 1100LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT04-17KTR-URN1B-001 | 120CM-17W GS reflective upton batten | 17W | 1850LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT04-32KTR-URN1B-001 | 120CM-32W GS reflective upton batten | 32W | 3500LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT05-22KTR-URN1B-001 | 150CM-22W GS reflective upton batten | 22W | 2400LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT05-40KTR-URN1B-001 | 150CM-40W GS reflective upton batten | 40W | 4400LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT06-27KTR-URN1B-001 | 180CM-27W GS reflective upton batten | 27W | 2950LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT06-50STR-URN1B-001 | 180CM-50W GS reflective upton batten | 50W | 5500LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |



North American Style : 1-10V Dimming as standard



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------|-------------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Tri-Color | | | | | | | | | |
| BT02-10KTR-URV1X-500 | 2ft-10W ETL reflective upton batten | 10W | 1100LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT04-17KTR-URV1X-500 | 4ft-17W ETL reflective upton batten | 17W | 1850LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT04-32KTR-URV1X-500 | 4ft-32W ETL reflective upton batten | 32W | 3500LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT05-22KTR-URV1X-500 | 5ft-22W ETL reflective upton batten | 22W | 2400LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT05-40KTR-URV1X-500 | 5ft-40W ETL reflective upton batten | 40W | 4400LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT06-27KTR-URV1X-500 | 6ft-27W ETL reflective upton batten | 27W | 2950LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT06-50KTR-URV1X-500 | 6ft-50W ETL reflective upton batten | 50W | 5500LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |



LED Linear Light : Blackboard Batten

Blackboard Batten : 110LM/W GS/ETL/DLC Approval



1~10V dimming

5 YR

Features

- > Patent design for education lighting
- > End or rear cable entry
- > Easy open between up-down case
- > Easy installation
- > 5 years warranty

Applications

- > Replacement for blackboard light
- > Education light : Classroom
- > Office Light : Office, Conference room
- > Commercial Light : Supermarket , Shopping mall

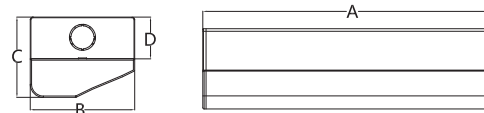
Tri-color



Options

- > Emitting color : Tri-color as standard
- > Dimming : on-off / 1-10V / DALI
- > Wiring method : Single or double sides
- > Installation : Surface mounting or Suspension

Dimensions



| Product Name | A | B | C | D |
|--------------|------|----|------|----|
| 120cm/4ft | 1205 | 80 | 63.5 | 32 |
| 150cm/5ft | 1505 | 80 | 63.5 | 32 |
| 180cm/6ft | 1805 | 80 | 63.5 | 32 |

Unit:mm

EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Flicker Free |
|----------------------|--------------------------------|-------------|--------------|----------------|-------------|------------|--------------|--------------|
| Tri-Color | | | | | | | | |
| BT04-17PTR-BFN1B-001 | 120CM-17W GS blackboard batten | 17W | 2050LM | 120LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |
| BT04-32PTR-BFN1B-001 | 120CM-32W GS blackboard batten | 32W | 3850LM | 120LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |
| BT05-22PTR-BFN1B-001 | 150CM-22W GS blackboard batten | 22W | 2650LM | 120LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |
| BT05-40PTR-BFN1B-001 | 150CM-40W GS blackboard batten | 40W | 4800LM | 120LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |



North American Style : 1-10V Dimming as standard



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Flicker Free |
|----------------------|-------------------------------|-------------|--------------|----------------|-------------|------------|--------------|--------------|
| Tri-Color | | | | | | | | |
| BT04-17PTR-BFV1X-500 | 4ft-17W ETL blackboard batten | 17W | 2050LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |
| BT04-32PTR-BFV1X-500 | 4ft-32W ETL blackboard batten | 32W | 3850LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |
| BT05-22PTR-BFV1X-500 | 5ft-22W ETL blackboard batten | 22W | 2650LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |
| BT05-40PTR-BFV1X-500 | 5ft-40W ETL blackboard batten | 40W | 4800LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |



LED Linear Light : Gentle Kingston Batten

Gentle Kingston Batten : Low Glare /UGR<19 110LM/W GS /ETL/DLC Approval



UGR <19
1~10V dimming
5 YR

Tri-color
3000K 4000K 5000K

Features

- > Low glare / UGR<19
- > End or rear cable entry
- > Easy open between up-down case
- > Easy installation
- > 5 years warranty

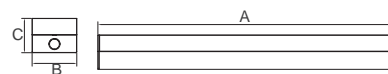
Applications

- > Replacement for normal battens
- > Education light : Classroom
- > Office Light : Office, Conference room
- > Commercial Light : Supermarket , Shopping mall

Options

- > Emitting color : Tri-color as standard
- > Dimming : on-off / 1-10V / DALI
- > Wiring method : Single or double sides
- > Installation : Surface mounting or Suspension

Dimensions



| Product Name | A | B | C |
|--------------|------|-----|------|
| 60cm/2ft | 600 | 120 | 63.5 |
| 120cm/4ft | 1200 | 120 | 63.5 |
| 150cm/5ft | 1500 | 120 | 63.5 |
| 180cm/6ft | 1800 | 120 | 63.5 |

Unit:mm

EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------|-------------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Tri-Color | | | | | | | | | |
| BT02-10KTR-KGN1B-001 | 60CM-10W GS gentle kingston batten | 10W | 1100LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT04-17KTR-KGN1B-001 | 120CM-17W GS gentle kingston batten | 17W | 1850LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT04-32KTR-KGN1B-001 | 120CM-32W GS gentle kingston batten | 32W | 3500LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT05-22KTR-KGN1B-001 | 150CM-22W GS gentle kingston batten | 22W | 2400LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT05-40KTR-KGN1B-001 | 150CM-40W GS gentle kingston batten | 40W | 4400LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT06-27KTR-KGN1B-001 | 180CM-27W GS gentle kingston batten | 27W | 2950LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT06-50KTR-KGN1B-001 | 180CM-50W GS gentle kingston batten | 50W | 5500LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |



North American Style : 1-10V Dimming as standard



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------|------------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Tri-Color | | | | | | | | | |
| BT02-10KTR-KGV1X-500 | 2ft-10W ETL gentle kingston batten | 10W | 1100LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT04-17KTR-KGV1X-500 | 4ft-17W ETL gentle kingston batten | 17W | 1850LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT04-32KTR-KGV1X-500 | 4ft-32W ETL gentle kingston batten | 32W | 3500LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT05-22KTR-KGV1X-500 | 5ft-22W ETL gentle kingston batten | 22W | 2400LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT05-40KTR-KGV1X-500 | 5ft-40W ETL gentle kingston batten | 40W | 4400LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT06-27KTR-KGV1X-500 | 6ft-27W ETL gentle kingston batten | 27W | 2950LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT06-50KTR-KGV1X-500 | 6ft-50W ETL gentle kingston batten | 50W | 5500LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |



LED Linear Light : Frosted Kingston Batten

Frosted Kingston Batten 120LM/W GS /ETL /DLC approval



EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------|--------------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Tri-Color | | | | | | | | | |
| BT02-10PTR-KFN1B-001 | 60CM-10W GS frosted kingston batten | 10W | 1250LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |
| BT04-17PTR-KFN1B-001 | 120CM-17W GS frosted kingston batten | 17W | 2150LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |
| BT04-32PTR-KFN1B-001 | 120CM-32W GS frosted kingston batten | 32W | 4000LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |
| BT05-22PTR-KFN1B-001 | 150CM-22W GS frosted kingston batten | 22W | 2750LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |
| BT05-40PTR-KFN1B-001 | 150CM-40W GS frosted kingston batten | 40W | 5000LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |
| BT06-27PTR-KFN1B-001 | 180CM-27W GS frosted kingston batten | 27W | 3350LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |
| BT06-50PTR-KFN1B-001 | 180CM-50W GS frosted kingston batten | 50W | 6250LM | 125LM/W | Ra>80 | AC200-240V | >19 | PF>0.95 | Y |

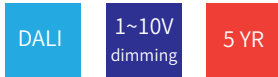


North American Style : 1-10V Dimming as standard

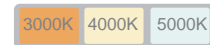


• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------|-------------------------------------|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Tri-Color | | | | | | | | | |
| BT02-10PTR-KFV1X-500 | 2ft-10W ETL frosted kingston batten | 10W | 1250LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |
| BT04-17PTR-KFV1X-500 | 4ft-17W ETL frosted kingston batten | 17W | 2150LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |
| BT04-32PTR-KFV1X-500 | 4ft-32W ETL frosted kingston batten | 32W | 4000LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |
| BT05-22PTR-KFV1X-500 | 5ft-22W ETL frosted kingston batten | 22W | 2750LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |
| BT05-40PTR-KFV1X-500 | 5ft-40W ETL frosted kingston batten | 40W | 5000LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |
| BT06-27PTR-KFV1X-500 | 6ft-27W ETL frosted kingston batten | 27W | 3350LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |
| BT06-50PTR-KFV1X-500 | 6ft-50W ETL frosted kingston batten | 50W | 6250LM | 125LM/W | Ra>80 | AC100-277V | >19 | PF>0.95 | Y |



Tri-color



Features

- > Easy open between up-down case
- > End or rear cable entry
- > Easy installation
- > 5 years warranty

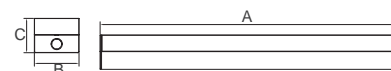
Applications

- > Replacement for normal battens
- > Education light : Classroom
- > Office Light : Office, Conference room
- > Commercial Light : Supermarket , Shopping mall

Options

- > Emitting color : Single or Tri-color
- > Dimming : On-off / 1-10V / DALI/PIR
- > Wiring method : Single or double sides
- > Installation : Surface mounting or Suspension

Dimensions



| Product Name | A | B | C |
|--------------|------|-----|------|
| 60cm/2ft | 600 | 120 | 63.5 |
| 120cm/4ft | 1200 | 120 | 63.5 |
| 150cm/5ft | 1500 | 120 | 63.5 |
| 180cm/6ft | 1800 | 120 | 63.5 |

Unit:mm

LED Linear Light : Reflective Kingston Batten

Reflective Kingston Batten : Low Glare /UGR<19 110LM/W GS /ETL/DLC Approval



UGR <19

1~10V dimming

5 YR

Tri-color

3000K 4000K 5000K

Features

- > Low glare / UGR<19
- > End or rear cable entry
- > Easy open between up-down case
- > Easy installation
- > 5 years warranty

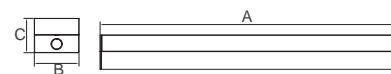
Application

- > Replacement for normal battens
- > Education light : Classroom
- > Office Light : Office, Conference room
- > Commercial Light : Supermarket , Shopping mall

Options

- > Emitting color : Tri-color as standard
- > Dimming : on-off / 1-10V / DALI
- > Wiring method : Single or double sides
- > Installation : Surface mounting or Suspension

Dimension



| Product Name | A | B | C |
|--------------|------|-----|------|
| 60cm/2ft | 600 | 120 | 63.5 |
| 120cm/4ft | 1200 | 120 | 63.5 |
| 150cm/5ft | 1500 | 120 | 63.5 |
| 180cm/6ft | 1800 | 120 | 63.5 |

Unit:mm

EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------|---|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Tri-Color | | | | | | | | | |
| BT02-10KTR-KRN1B-001 | 60CM-10W GS reflective kingston batten | 10W | 1100LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT04-17KTR-KRN1B-001 | 120CM-17W GS reflective kingston batten | 17W | 1850LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT04-32KTR-KRN1B-001 | 120CM-32W GS reflective kingston batten | 32W | 3500LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT05-22KTR-KRN1B-001 | 150CM-22W GS reflective kingston batten | 22W | 2400LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT05-40KTR-KRN1B-001 | 150CM-40W GS reflective kingston batten | 40W | 4400LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT06-27KTR-KRN1B-001 | 180CM-27W GS reflective kingston batten | 27W | 2950LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |
| BT06-50STR-KRN1B-001 | 180CM-50W GS reflective kingston batten | 50W | 5500LM | 110LM/W | Ra>80 | AC200-240V | <19 | PF>0.95 | Y |



North American Style : 1-10V Dimming as standard



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | UGR | Power Factor | Flicker Free |
|----------------------|--|-------------|--------------|----------------|-------------|------------|-----|--------------|--------------|
| Tri-Color | | | | | | | | | |
| BT02-10KTR-KRV1X-500 | 2ft-10W ETL reflective kingston batten | 10W | 1100LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT04-17KTR-KRV1X-500 | 4ft-17W ETL reflective kingston batten | 17W | 1850LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT04-32KTR-KRV1X-500 | 4ft-32W ETL reflective kingston batten | 32W | 3500LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT05-22KTR-KRV1X-500 | 5ft-22W ETL reflective kingston batten | 22W | 2400LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT05-40KTR-KRV1X-500 | 5ft-40W ETL reflective kingston batten | 40W | 4400LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT06-27KTR-KRV1X-500 | 6ft-27W ETL reflective kingston batten | 27W | 2950LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |
| BT06-50KTR-KRV1X-500 | 6ft-50W ETL reflective kingston batten | 50W | 5500LM | 110LM/W | Ra>80 | AC100-277V | <19 | PF>0.95 | Y |



General Batten Light

General Batten : 115LM/W GS/ETL/DLC aproval



1~10V dimming

5 YR

Features

- > Easy opening design for cover
- > End or rear cable entry
- > Easy installation
- > 5 years warranty

Applications

- > Replacement for normal battens
- > Education light : Classroom
- > Office Light : Office, Conference room
- > Commercial Light : Supermarket , Shopping mall

Options

- > Emitting color : Single or Tri-color
- > Dimming : On-off / 1-10V / DALI
- > Installation : Surface mounting or Suspension

Dimensions



| Product Name | A | B | C |
|--------------|------|-----|----|
| 0.6M/2ft | 600 | 152 | 77 |
| 1.2M/4ft | 1200 | 152 | 77 |
| 1.5M/5ft | 1500 | 152 | 77 |
| 1.8M/6ft | 1800 | 152 | 77 |

Unit:mm

EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | UGR | AC Input | Power Factor | Flicker Free |
|----------------------|-----------------------------|-------------|--------------|----------------|-------------|-----|------------|--------------|--------------|
| BT02-10KN1-GMN1B-001 | 60CM-10W GS general batten | 10W | 1150LM | 115LM/W | Ra>80 | >19 | AC200-240V | PF>0.95 | Y |
| BT04-17KN1-GMN1B-001 | 120CM-17W GS general batten | 17W | 1950LM | 115LM/W | Ra>80 | >19 | AC200-240V | PF>0.95 | Y |
| BT04-32KN1-GMN1B-001 | 120CM-32W GS general batten | 32W | 3700LM | 115LM/W | Ra>80 | >19 | AC200-240V | PF>0.95 | Y |
| BT05-25KN1-GMN1B-001 | 150CM-25W GS general batten | 25W | 2850LM | 115LM/W | Ra>80 | >19 | AC200-240V | PF>0.95 | Y |
| BT05-50KN1-GMN1B-001 | 150CM-50W GS general batten | 50W | 5750LM | 115LM/W | Ra>80 | >19 | AC200-240V | PF>0.95 | Y |
| BT06-30KN1-GMN1B-001 | 150CM-30W GS general batten | 30W | 3450LM | 115LM/W | Ra>80 | >19 | AC200-240V | PF>0.95 | Y |
| BT06-60KN1-GMN1B-001 | 180CM-60W GS general batten | 60W | 6900LM | 115LM/W | Ra>80 | >19 | AC200-240V | PF>0.95 | Y |



North American Style :1-10V Dimming as standard



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | UGR | AC Input | Power Factor | Flicker Free |
|----------------------|------------------------------|-------------|--------------|----------------|-------------|-----|------------|--------------|--------------|
| BT02-10KN1-GMV1X-500 | 60CM-10W ETL general batten | 10W | 1150LM | 115LM/W | Ra>80 | >19 | AC100-277V | PF>0.95 | Y |
| BT04-17KN1-GMV1X-500 | 120CM-17W ETL general batten | 17W | 1950LM | 115LM/W | Ra>80 | >19 | AC100-277V | PF>0.95 | Y |
| BT04-32KN1-GMV1X-500 | 120CM-32W ETL general batten | 32W | 3700LM | 115LM/W | Ra>80 | >19 | AC100-277V | PF>0.95 | Y |
| BT05-25KN1-GMV1X-500 | 150CM-25W ETL general batten | 25W | 2850LM | 115LM/W | Ra>80 | >19 | AC100-277V | PF>0.95 | Y |
| BT05-50KN1-GMV1X-500 | 150CM-50W ETL general batten | 50W | 5750LM | 115LM/W | Ra>80 | >19 | AC100-277V | PF>0.95 | Y |
| BT06-30KN1-GMV1X-500 | 150CM-30W ETL general batten | 30W | 3450LM | 115LM/W | Ra>80 | >19 | AC100-277V | PF>0.95 | Y |
| BT06-60KN1-GMV1X-500 | 180CM-60W ETL general batten | 60W | 6900LM | 115LM/W | Ra>80 | >19 | AC100-277V | PF>0.95 | Y |



ARCO Batten Light

ARCO Batten : Special College Fitting 115LM/W GS /ETL /DLC aproval



1~10V dimming

5 YR

Features

- > Special case for college fitting
- > Easy opening design for cover
- > End or rear cable entry
- > Easy installation
- > 5 years warranty

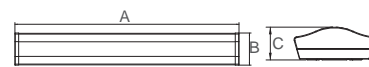
Applications

- > Replacement for normal batten
- > Education light : Classroom
- > Office Light : Office, Conference room
- > Commercial Light : Supermarket , Shopping mall

Options

- > Emitting color : Single or Tri-color
- > Dimming : On-off / 1-10V / DALI
- > Installation : Surface mounting or Suspension

Dimensions



| Product Name | A | B | C |
|--------------|------|-----|----|
| 1.2M/4ft | 1200 | 215 | 77 |
| 1.5M/5ft | 1500 | 215 | 77 |

Unit:mm

EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | UGR | AC Input | Power Factor | Flicker Free |
|----------------------|--------------------------|-------------|--------------|----------------|-------------|-----|------------|--------------|--------------|
| BT04-17KN1-AFN1B-001 | 120CM-17W GS arco batten | 17W | 1950LM | 115LM/W | Ra>80 | >19 | AC200-240V | PF>0.95 | Y |
| BT04-32KN1-AFN1B-001 | 120CM-32W GS arco batten | 32W | 3700LM | 115LM/W | Ra>80 | >19 | AC200-240V | PF>0.95 | Y |
| BT05-25KN1-AFN1B-001 | 150CM-25W GS arco batten | 25W | 2850LM | 115LM/W | Ra>80 | >19 | AC200-240V | PF>0.95 | Y |
| BT05-50KN1-AFN1B-001 | 150CM-50W GS arco batten | 50W | 5750LM | 115LM/W | Ra>80 | >19 | AC200-240V | PF>0.95 | Y |



North American Style :1-10V Dimming as standard



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | UGR | AC Input | Power Factor | Flicker Free |
|----------------------|---------------------------|-------------|--------------|----------------|-------------|-----|------------|--------------|--------------|
| BT04-17KN1-AFV1X-500 | 120CM-17W ETL arco batten | 17W | 1950LM | 115LM/W | Ra>80 | >19 | AC100-277V | PF>0.95 | Y |
| BT04-32KN1-AFV1X-500 | 120CM-32W ETL arco batten | 32W | 3700LM | 115LM/W | Ra>80 | >19 | AC100-277V | PF>0.95 | Y |
| BT05-25KN1-AFV1X-500 | 150CM-25W ETL arco batten | 25W | 2850LM | 115LM/W | Ra>80 | >19 | AC100-277V | PF>0.95 | Y |
| BT05-50KN1-AFV1X-500 | 150CM-50W ETL arco batten | 50W | 5750LM | 115LM/W | Ra>80 | >19 | AC100-277V | PF>0.95 | Y |





LED Tri-proof Light

60%
energy saving

50,000
hours life

5 years
warranty

A version : Plastic Tri-proof Light (NCF)

Full Plastic Case , DALI /1-10V /MS Dimming



DALI MS 1~10V dimming 5 YR

Features

- > IP65 waterproof /dust proof /explosion proof/ IK08
- > LED driver on tray for easy replacement
- > Multiple Link with double wiring
- > High technology SMD2835 as light source
- > 5 years warranty

Applications

- > Replacement for fluorescent NCF
- > Warehouses , Factories, Car parks
- > Sport facilities, Outdoor & Indoor Locations

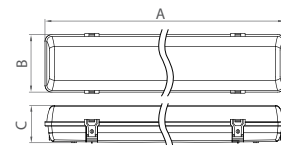
Tri-color

3000K 4000K 5000K

Options

- > Emitting color : Single color or Tri-color
- > Dimming : 1-10V / DALI / MS
- > Wiring : Single or double sides
- > Lumen efficacy :
Standard : 100LM/W
Premium : 125LM/W

Dimensions



| Product Name | A | B | C |
|--------------|------|-----|----|
| 60cm/2ft | 650 | 130 | 85 |
| 120cm/4ft | 1270 | 130 | 85 |
| 150cm/5ft | 1560 | 130 | 85 |

Unit:mm

Standard NCF :100LM/W



Data Sheet

| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP /IK Class |
|----------------------|-------------------------------------|-------------|--------------|----------------|-------------|------------|--------------|--------------|
| Single Color | | | | | | | | |
| TR02-20SN1-AFN1B-001 | 60CM-20W Standard single color NCF | 20W | 2000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR04-35SN1-AFN1B-001 | 120CM-35W Standard single color NCF | 35W | 3500LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR05-40SN1-AFN1B-001 | 150CM-40W Standard single color NCF | 40W | 4000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR05-55SN1-AFN1B-001 | 150CM-55W Standard single color NCF | 55W | 5500LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR05-75SN1-AFN1B-001 | 150CM-75W Standard single color NCF | 75W | 7500LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| Tri-color | | | | | | | | |
| TR02-20STR-AFN1B-001 | 60CM-20W Standard tri-color NCF | 20W | 2000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR04-35STR-AFN1B-001 | 120CM-35W Standard tri-color NCF | 35W | 3500LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR05-40STR-AFN1B-001 | 150CM-40W Standard tri-color NCF | 40W | 4000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR05-55STR-AFN1B-001 | 150CM-55W Standard tri-color NCF | 55W | 5500LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR05-75STR-AFN1B-001 | 150CM-75W Standard single color NCF | 75W | 7500LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |

Premium NCF : 125LM/W



Data Sheet

| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP /IK Class |
|----------------------|------------------------------------|-------------|--------------|----------------|-------------|------------|--------------|--------------|
| Single Color | | | | | | | | |
| TR02-20PN1-AFN1B-001 | 60CM-20W Premium single color NCF | 20W | 2500LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR04-35PN1-AFN1B-001 | 120CM-35W Premium single color NCF | 35W | 4350LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR05-40PN1-AFN1B-001 | 150CM-40W Premium single color NCF | 40W | 5000LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR05-55PN1-AFN1B-001 | 150CM-55W Premium single color NCF | 55W | 6850LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR05-75PN1-AFN1B-001 | 150CM-75W Premium single color NCF | 75W | 9350LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| Tri-color | | | | | | | | |
| TR02-20PTR-AFN1B-001 | 60CM-20W Premium tri-color NCF | 20W | 2500LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR04-35PTR-AFN1B-001 | 120CM-35W Premium tri-color NCF | 35W | 4350LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR05-40PTR-AFN1B-001 | 150CM-40W Premium tri-color NCF | 40W | 5000LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR05-55PTR-AFN1B-001 | 150CM-55W Premium tri-color NCF | 55W | 6850LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |
| TR05-75PTR-AFN1B-001 | 150CM-75W Premium tri-color NCF | 75W | 9350LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK08 |



B version Tri-proof Light

EU Style



Standard Range : 100LM/W



| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/IK Class |
|----------------------|---------------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------|
| TR02-22SN1-BFN1B-001 | 60CM/22W Standard B Tri-proof | 22W | 2200LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR04-40SN1-BFN1B-001 | 120CM/40W Standard B Tri-proof | 40W | 4000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR04-60SN1-BFN1B-001 | 120CM/60W Standard B Tri-proof | 60W | 6000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR05-60SN1-BFN1B-001 | 150CM/60W Standard B Tri-proof | 60W | 6000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR08-1ASN1-BFN1B-001 | 240CM/100W Standard B Tri-proof | 100W | 10000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |

Premium Range : 125LM/W



| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/IK Class |
|----------------------|--------------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------|
| TR02-22PN1-BFN1B-001 | 60CM/22W Premium B Tri-proof | 22W | 2750LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR04-40PN1-BFN1B-001 | 120CM/40W Premium B Tri-proof | 40W | 5000LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR04-60PN1-BFN1B-001 | 120CM/60W Premium B Tri-proof | 60W | 7500LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR05-60PN1-BFN1B-001 | 150CM/60W Premium B Tri-proof | 60W | 7500LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR08-1APN1-BFN1B-001 | 240CM/100W Premium B Tri-proof | 100W | 12500LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |

Deluxe Range : 140LM/W



| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/IK Class |
|----------------------|-------------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------|
| TR02-22DN1-BFN1B-001 | 60CM/22W Deluxe B Tri-proof | 22W | 3050LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR04-40DN1-BFN1B-001 | 120CM/40W Deluxe B Tri-proof | 40W | 5600LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR04-60DN1-BFN1B-001 | 120CM/60W Deluxe B Tri-proof | 60W | 8400LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR05-60DN1-BFN1B-001 | 150CM/60W Deluxe B Tri-proof | 60W | 8400LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR08-1ADN1-BFN1B-001 | 240CM/100W Deluxe B Tri-proof | 100W | 14000LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |

- IP65
- IK10
- 5 YR

Features

- > IP 65 / IK10 Approval
- > Multiple Link with double wirings
- > Patent aluminum case as heatsink
- > 5 years warranty

Options

- > Dimming : 1-10V / DALI
- > Wiring : Single or double sides
- > Lumen efficacy :
Standard : 100LM/W
Premium : 125LM/W
Deluxe:140LM/W

Applications

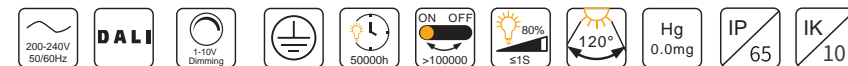
- > Replacement for fluorescent NCF
- > Warehouses , Factories, Car parks
- > Sport facilities, Outdoor & Indoor Locations

Dimensions



| Product Name | A | B | C |
|--------------|------|----|----|
| 2ft/60cm | 625 | 85 | 78 |
| 4ft/120cm | 1225 | 85 | 78 |
| 5ft/150cm | 1525 | 85 | 78 |
| 8ft/240cm | 2425 | 85 | 78 |

Unit:mm



B version Tri-proof Light

North American Style



Standard Range : 100LM/W



| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/IK Class |
|----------------------|-------------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------|
| TR02-22SN1-BFN1X-500 | 2ft/22W Standard B Tri-proof | 22W | 2200LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR04-40SN1-BFN1X-500 | 4ft/40W Standard B Tri-proof | 40W | 4000LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR04-60SN1-BFN1X-500 | 4ft/60W Standard B Tri-proof | 60W | 6000LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR05-60SN1-BFN1X-500 | 5ft/60W Standard B Tri-proof | 60W | 6000LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR08-1ASN1-BFN1X-500 | 8ft/100W Standard B Tri-proof | 100W | 10000LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |

Premium Range : 125LM/W



| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/IK Class |
|----------------------|------------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------|
| TR02-22PN1-BFN1X-500 | 2ft/22W Premium B Tri-proof | 22W | 2750LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR04-40PN1-BFN1X-500 | 4ft/40W Premium B Tri-proof | 40W | 5000LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR04-60PN1-BFN1X-500 | 4ft/60W Premium B Tri-proof | 60W | 7500LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR05-60PN1-BFN1X-500 | 5ft/60W Premium B Tri-proof | 60W | 7500LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR08-1APN1-BFN1X-500 | 8ft/100W Premium B Tri-proof | 100W | 12500LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |

Deluxe Range : 140LM/W



| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/IK Class |
|----------------------|-------------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------|
| TR02-22DN1-BFN1X-500 | 2ft/22W Deluxe B Tri-proof | 22W | 3050LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR04-40DN1-BFN1X-500 | 4ft/40W Deluxe B Tri-proof | 40W | 5600LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR04-60DN1-BFN1X-500 | 4ft/60W Deluxe B Tri-proof | 60W | 8400LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR05-60DN1-BFN1X-500 | 5ftCM/60W Deluxe B Tri-proof | 60W | 8400LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR08-1ADN1-BFN1X-500 | 8ftCM/100W Deluxe B Tri-proof | 100W | 14000LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |

IP65
IK10

1~10V
dimming

5 YR

Features

- > IP 65 / IK10 Approval
- > Multiple Link with double wirings
- > Patent aluminum case as heatsink
- > 5 years warranty

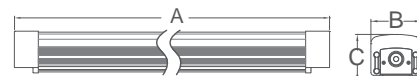
Applications

- > Replacement for fluorescent NCF
- > Warehouses, Factories, Car parks
- > Sport facilities, Outdoor & Indoor Locations

Options

- > Dimming : 1-10V / DALI
- > Wiring : Single or double sides
- > Lumen efficacy :
Standard : 100LM/W
Premium : 125LM/W
Deluxe:140LM/W

Dimensions



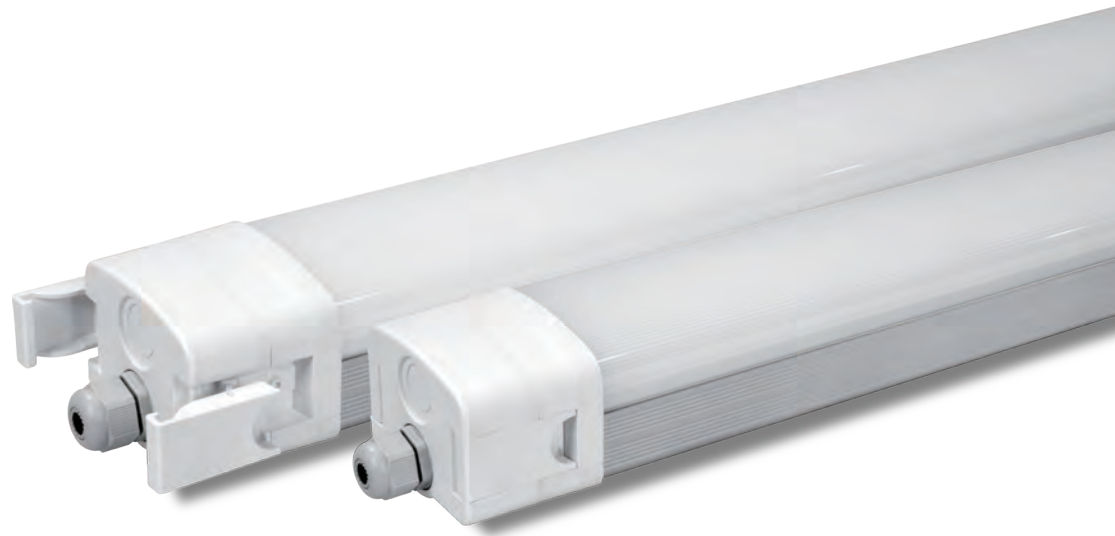
| Product Name | A | B | C |
|--------------|------|----|----|
| 2ft/60cm | 625 | 85 | 78 |
| 4ft/120cm | 1225 | 85 | 78 |
| 5ft/150cm | 1525 | 85 | 78 |
| 8ft/240cm | 2425 | 85 | 78 |

Unit:mm



D version Tri-proof Light

EU Style



Standard Range : 100LM/W



| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/IK Class |
|----------------------|---------------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------|
| TR02-22SN1-DFN1B-001 | 60CM/22W Standard B Tri-proof | 22W | 2200LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR04-40SN1-DFN1B-001 | 120CM/40W Standard B Tri-proof | 40W | 4000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR04-60SN1-DFN1B-001 | 120CM/60W Standard B Tri-proof | 60W | 6000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR05-60SN1-DFN1B-001 | 150CM/60W Standard B Tri-proof | 60W | 6000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR08-1ASN1-DFN1B-001 | 240CM/100W Standard B Tri-proof | 100W | 10000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |

Premium Range : 125LM/W

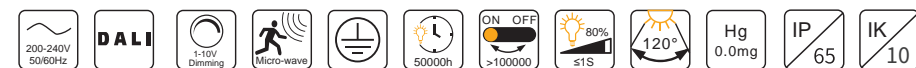


| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/IK Class |
|----------------------|--------------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------|
| TR02-22PN1-DFN1B-001 | 60CM/22W Premium B Tri-proof | 22W | 2750LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR04-40PN1-DFN1B-001 | 120CM/40W Premium B Tri-proof | 40W | 5000LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR04-60PN1-DFN1B-001 | 120CM/60W Premium B Tri-proof | 60W | 7500LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR05-60PN1-DFN1B-001 | 150CM/60W Premium B Tri-proof | 60W | 7500LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR08-1APN1-DFN1B-001 | 240CM/100W Premium B Tri-proof | 100W | 12500LM | 125LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |

Deluxe Range : 140LM/W



| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/IK Class |
|----------------------|-------------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------|
| TR02-22DN1-DFN1B-001 | 60CM/22W Deluxe B Tri-proof | 22W | 3050LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR04-40DN1-DFN1B-001 | 120CM/40W Deluxe B Tri-proof | 40W | 5600LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR04-60DN1-DFN1B-001 | 120CM/60W Deluxe B Tri-proof | 60W | 8400LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR05-60DN1-DFN1B-001 | 150CM/60W Deluxe B Tri-proof | 60W | 8400LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |
| TR08-1ADN1-DFN1B-001 | 240CM/100W Deluxe B Tri-proof | 100W | 14000LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | IP65 / IK10 |



Tri-color



Features

- > Owner design clip end cap for easy installation
- > Special driver tray for replacement
- > IP 65 /IK10 Approval
- > Multiple Link with double wirings
- > Patent aluminum case as heatsink
- > 5 years warranty

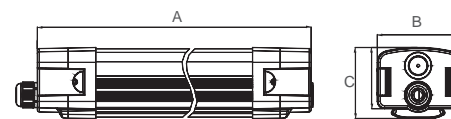
Applications

- > Replacement for fluorescent NCF
- > Warehouses, Factories, Car parks
- > Sport facilities, Outdoor & Indoor Locations

Options

- > Dimming : 1-10V / DALI / MS
- > Wiring : Single or double sides
- > Lumen efficacy :
 - Standard : 100LM/W
 - Premium : 125LM/W
 - Deluxe:140LM/W

Dimensions



| Product Name | A | B | C |
|--------------|------|------|------|
| 2ft/60cm | 625 | 83.8 | 62.8 |
| 4ft/120cm | 1225 | 83.8 | 62.8 |
| 5ft/150cm | 1525 | 83.8 | 62.8 |
| 8ft/240cm | 2425 | 83.8 | 62.8 |

Unit:mm

D version Tri-proof Light

North American Style



Standard Range : 100LM/W



| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/IK Class |
|----------------------|-------------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------|
| TR02-22SN1-DFN1X-500 | 2ft/22W Standard B Tri-proof | 22W | 2200LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR04-40SN1-DFN1X-500 | 4ft/40W Standard B Tri-proof | 40W | 4000LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR04-60SN1-DFN1X-500 | 4ft/60W Standard B Tri-proof | 60W | 6000LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR05-60SN1-DFN1X-500 | 5ft/60W Standard B Tri-proof | 60W | 6000LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR08-1ASN1-DFN1X-500 | 8ft/100W Standard B Tri-proof | 100W | 10000LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |

Premium Range : 125LM/W



| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/IK Class |
|----------------------|------------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------|
| TR02-22PN1-DFN1X-500 | 2ft/22W Premium B Tri-proof | 22W | 2750LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR04-40PN1-DFN1X-500 | 4ft/40W Premium B Tri-proof | 40W | 5000LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR04-60PN1-DFN1X-500 | 4ft/60W Premium B Tri-proof | 60W | 7500LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR05-60PN1-DFN1X-500 | 5ft/60W Premium B Tri-proof | 60W | 7500LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR08-1APN1-DFN1X-500 | 8ft/100W Premium B Tri-proof | 100W | 12500LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |

Deluxe Range : 140LM/W



| Order Code | ProductName | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/IK Class |
|----------------------|-----------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------|
| TR02-22DN1-DFN1X-500 | 2ft/22W Deluxe B Tri-proof | 22W | 3050LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR04-40DN1-DFN1X-500 | 4ft/40W Deluxe B Tri-proof | 40W | 5600LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR04-60DN1-DFN1X-500 | 4ft/60W Deluxe B Tri-proof | 60W | 8400LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR05-60DN1-DFN1X-500 | 5ft/60W Deluxe B Tri-proof | 60W | 8400LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |
| TR08-1ADN1-DFN1X-500 | 8ft/100W Deluxe B Tri-proof | 100W | 14000LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | IP65 / IK10 |

IP65
IK10

1~10V
dimming

5 YR

Tri-color

3000K 4000K 5000K

Features

- > Owner design clip end cap for easy installation
- > Special driver tray for replacement
- > IP 65 /IK10 Approval
- > Multiple Link with double wirings
- > Patent aluminum case as heatsink
- > 5 years warranty

Options

- > Dimming : 1-10V / DALI / MS
- > Wiring : Single or double sides
- > Lumen efficacy :
Standard : 100LM/W
Premium : 125LM/W
Deluxe:140LM/W

Applications

- > Replacement for fluorescent NCF
- > Warehouses , Factories, Car parks
- > Sport facilities, Outdoor & Indoor Locations

Dimensions



| Product Name | A | B | C |
|--------------|------|----|----|
| 2ft/60cm | 625 | 85 | 78 |
| 4ft/120cm | 1225 | 85 | 78 |
| 5ft/150cm | 1525 | 85 | 78 |
| 8ft/240cm | 2425 | 85 | 78 |

Unit:mm

100-277V 50/60Hz DALI 1-10V Dimming Micro-wave 50000h ON OFF >100000 80% s1S 120° Hg 0.0mg IP 65 IK 10



LED Tubar Light

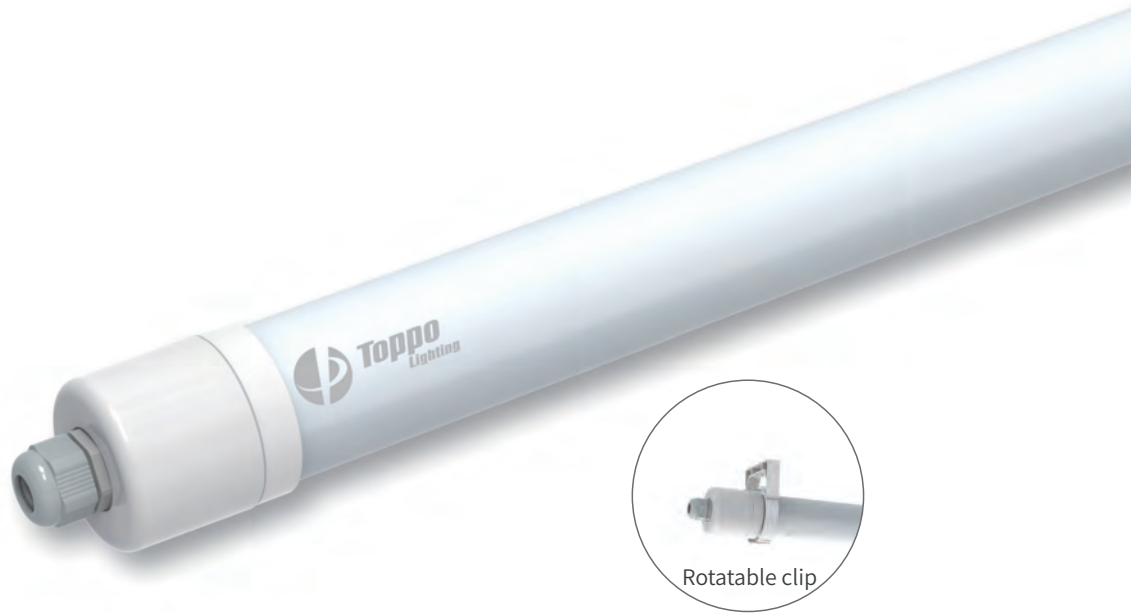
60%
energy saving

50,000
hours life

5 years
warranty

LED Tubar Light

IP65 with Rotatable Clip Premium :120-130LM/W Deluxe:140-150LM/W



IP 65

1~10V dimming

5 YR

Tri-color

3000K 4000K 5000K

Features

- > Patent design IP65 case
- > 180 degree Rotatable after installation
- > Multiple link with IP65 connector
- > Tri-color switch inside end cap
- > Up to 60% energy saving

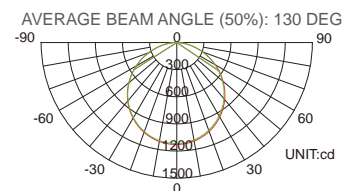
Applications

- > Replacement for normal T8 fluorescent
- > Replacement for normal NCF
- > Walkways and Stairwells
- > General amenities and Security areas
- > Mirror Lights

Options

- > Emitting color :
Single color or Tri-color
- > Dimming:
ON-OFF or 1-10V Dimming
- > AC input
AC200-240V or AC100-277V

Photometry Curve

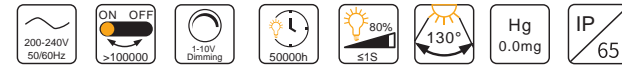


EU Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Flicker Free | IP Class |
|---------------------------------------|-------------------------|-------------|--------------|----------------|-------------|------------|--------------|--------------|----------|
| Premium Version : 120-130 LM/W | | | | | | | | | |
| TU02-12PN1-FMN1B-001 | 60CM-12W premium tubar | 12W | 1450LM | 120LM/W | Ra>80 | AC200-240V | PF>0.95 | Y | IP65 |
| TU03-16PN1-FMN1B-001 | 80CM-16W premium tubar | 16W | 1950LM | 120LM/W | Ra>80 | AC200-240V | PF>0.95 | Y | IP65 |
| TU05-30PN1-FMN1B-001 | 150CM-30W premium tubar | 30W | 3600LM | 120LM/W | Ra>80 | AC200-240V | PF>0.95 | Y | IP65 |
| Deluxe version : 140-150 LM/W | | | | | | | | | |
| TU02-12DN1-FMN1B-001 | 60CM-12W deluxe tubar | 12W | 1650LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | Y | IP65 |
| TU03-16DN1-FMN1B-001 | 80CM-16W deluxe tubar | 16W | 2250LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | Y | IP65 |
| TU05-30DN1-FMN1B-001 | 150CM-30W deluxe tubar | 30W | 4200LM | 140LM/W | Ra>80 | AC200-240V | PF>0.95 | Y | IP65 |



North American Style

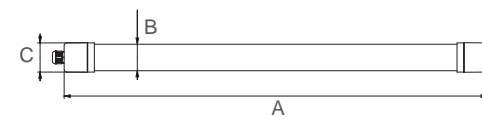


• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Flicker Free | IP Class |
|---------------------------------------|-------------------------|-------------|--------------|----------------|-------------|------------|--------------|--------------|----------|
| Premium Version : 120-130 LM/W | | | | | | | | | |
| TU02-12PN1-FMN1B-500 | 60CM-12W premium tubar | 12W | 1450LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | Y | IP65 |
| TU03-16PN1-FMN1B-500 | 80CM-16W premium tubar | 16W | 1950LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | Y | IP65 |
| TU05-30PN1-FMN1B-500 | 150CM-30W premium tubar | 30W | 3600LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | Y | IP65 |
| Deluxe version : 140-150 LM/W | | | | | | | | | |
| TU02-12DN1-FMN1B-500 | 60CM-12W deluxe tubar | 12W | 1650LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | Y | IP65 |
| TU03-16DN1-FMN1B-500 | 80CM-16W deluxe tubar | 16W | 2250LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | Y | IP65 |
| TU05-30DN1-FMN1B-500 | 150CM-30W deluxe tubar | 30W | 4200LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | Y | IP65 |



Dimensions



| Product Name | A | B | C |
|--------------|------|----|----|
| 60cm/2ft | 600 | 50 | 55 |
| 80cm/4ft | 800 | 50 | 55 |
| 150cm/5ft | 1500 | 50 | 55 |

Unit: mm



LED Panel Light LED Troffer Light

60%
energy saving

50,000
hours life

5 years
warranty

P02 Series: Basic LED Panel

HB / Non-fireproof PS LGP UGR>19



PS LGP

2YR

Features

- > SMD4014 as light source
- > 2.0mm PS LGP as light guide
- > Extra thin aluminum frame
- > 2 years warranty

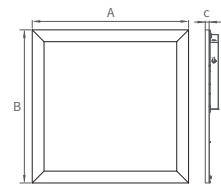
Options

- > Lumen efficacy :
Eco : 85 LM/W
Standard : 100LM/W
- > Flicker : Yes or No
- > Emitting color : Single color as standard
- > Installation : Recessed / surface mounting / suspension

Applications

- > Replacement for fluorescent grid
- > Office/School
- > Hospitals /Retailers
- > Corridors /Stairwells

Dimension



| Product Name | A | B | C |
|--------------|-----|------|----|
| 600x600 | 595 | 595 | 10 |
| 620x620 | 620 | 620 | 10 |
| 300x1200 | 295 | 1195 | 10 |
| 600x1200 | 595 | 1195 | 10 |

Unit:mm

Eco Range:85 lm/w HB /PS LGP



Data Sheet

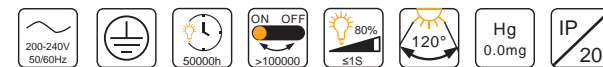
| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|-----------------------|---------------------------------------|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32EN1- FNN2H-001 | 600 x600/32W Eco range Basic panel | 32W | 2700LM | 85LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |
| PN22-40EN1- FNN2H-001 | 600x600/40W Eco range Basic panel | 40W | 3400LM | 85LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |
| PN41-32EN1- FNN2H-001 | 300x1200/32W Eco range Basic panel | 32W | 2700LM | 85LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |
| PN41-40EN1- FNN2H-001 | 300x1200/40W Eco range Basic panel | 40W | 3400LM | 85LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |
| PN62-32EN1- FNN2H-001 | 620x620/32W Eco range Basic panel | 32W | 2700LM | 85LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |
| PN62-40EN1- FNN2H-001 | 620x620/40W Eco range Basic panel | 40W | 3400LM | 85LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |
| PN42-60EN1- FNN2H-001 | 600x1200/60W Eco range Basic panel | 60W | 5100LM | 85LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |

Standard Range: 100 lm/w HB/PS LGP



Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|-----------------------|--|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32SN1- FNN2H-001 | 600 x600/32W Standard range Basic panel | 32W | 3200LM | 100LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |
| PN22-40SN1- FNN2H-001 | 600 x600/40W Standard range Basic panel | 40W | 4000LM | 100LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |
| PN41-32SN1- FNN2H-001 | 300x1200/32W Standard range Basic panel | 32W | 3200LM | 100LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |
| PN41-40SN1- FNN2H-001 | 300x1200/40W Standard range Basic panel | 40W | 4000LM | 100LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |
| PN62-32SN1- FNN2H-001 | 620x620/32W Standard range Basic panel | 32W | 3200LM | 100LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |
| PN62-40SN1- FNN2H-001 | 620x620/40W Standard range Basic panel | 40W | 4000LM | 100LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |
| PN42-60SN1- FNN2H-001 | 600x1200/60W Standard range Basic panel | 60W | 6000LM | 100LM/W | Ra>80 | PS | AC200-240V | PF>0.95 | N |



P04 Series: Mod LED Panel

HB / Non-fireproof , PMMA LGP UGR >19

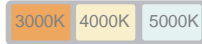


PMMA
LGP

1~10V
dimming

5 YR

Tri-color



Features

- > SMD4014 as light source
- > PMMA LGP as light guide
- > Extra thin aluminum frame
- > 5 years warranty

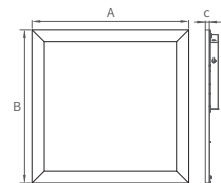
Options

- > Lumen efficacy :
Standard : 100LM/W
Premium : 120LM/W
- > Dimming : on-off / 1-10V / DALI
- > Emitting color : Single or Tri-color
- > Installation : Recessed / surface mounting / suspension

Applications

- > Replacement for fluorescent grid
- > Office/ school
- > Hospitals /Retailers
- > Corridors /Stairwells

Dimensions



| Product Name | A | B | C |
|--------------|-----|------|----|
| 600x600 | 595 | 595 | 10 |
| 620x620 | 620 | 620 | 10 |
| 300x1200 | 295 | 1195 | 10 |
| 600x1200 | 595 | 1195 | 10 |

Unit:mm

Standard Range: 100 lm/w HB /PMMA LGP



• Data Sheet

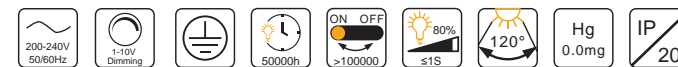
| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|-----------------------|---------------------------------|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32SN1- FNN1B-001 | 600 x600/32W Standard mod panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN22-40SN1- FNN1B-001 | 600x600/40W Standard mod panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-32SN1- FNN1B-001 | 300x1200/32W Standard mod panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-40SN1- FNN1B-001 | 300x1200/40W Standard mod panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-32SN1- FNN1B-001 | 620x620/32W Standard mod panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-40SN1- FNN1B-001 | 620x620/40W Standard mod panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN42-60SN1- FNN1B-001 | 600x1200/60W Standard mod panel | 60W | 6000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |

Premium Range: 120 lm/w HB/PMMA LGP



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|-----------------------|--------------------------------|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32PN1- FNN1B-001 | 600 x600/32W Premium mod panel | 32W | 3840LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN22-40PN1- FNN1B-001 | 600 x600/40W Premium mod panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-32PN1- FNN1B-001 | 300x1200/32W Premium mod panel | 32W | 3840LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-40PN1- FNN1B-001 | 300x1200/40W Premium mod panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-32PN1- FNN1B-001 | 620x620/32W Premium mod panel | 32W | 3840LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-40PN1- FNN1B-001 | 620x620/40W Premium mod panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN42-60PN1- FNN1B-001 | 600x1200/60W Premium mod panel | 60W | 7200LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |



P06 Series: Prismatic LED Panel

Prismatic UGR<19 , HB / Non-fireproof



PMMA LGP UGR <19 5 YR

Tri-color
3000K 4000K 5000K

Features

- > Prismatic UGR<19
- > SMD4014 as light source
- > PMMA LGP as light guide
- > Extra thin aluminum frame
- > 5 years warranty

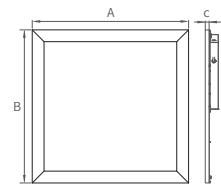
Options

- > Lumen efficacy :
Standard : 100LM/W
Premium : 120LM/W
- > Dimming : on-off / 1-10V / DALI
- > Emitting color : Single or Tri-color
- > Installation : Recessed / surface mounting / suspension

Applications

- > Replacement for fluorescent grid
- > Office/School
- > Hospitals /Retailers
- > Corridors /Stairwells

Dimensions



| Product Name | A | B | C |
|--------------|-----|------|----|
| 600x600 | 595 | 595 | 10 |
| 620x620 | 620 | 620 | 10 |
| 300x1200 | 295 | 1195 | 10 |
| 600x1200 | 595 | 1195 | 10 |

Unit:mm

Standard Range: 100 lm/w Prismatic UGR<19



Data Sheet

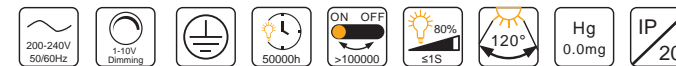
| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|-----------------------|---------------------------------------|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32SN1- FPN1B-001 | 600 x600/32W Standard prismatic panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN22-40SN1- FPN1B-001 | 600 x600/40W Standard prismatic panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-32SN1- FPN1B-001 | 300x1200/32W Standard prismatic panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-40SN1- FPN1B-001 | 300x1200/40W Standard prismatic panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-32SN1- FPN1B-001 | 620x620/32W Standard prismatic panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-40SN1- FPN1B-001 | 620x620/40W Standard prismatic panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN42-60SN1- FPN1B-001 | 600x1200/60W Standard prismatic panel | 60W | 6000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |

Premium Range: 120 lm/w Prismatic UGR<19



Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|-----------------------|--------------------------------------|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32PN1- FPN1B-001 | 600 x600/32W Premium prismatic panel | 32W | 3850LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN22-40PN1- FPN1B-001 | 600 x600/40W Premium prismatic panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-32PN1- FPN1B-001 | 300x1200/32W Premium prismatic panel | 32W | 3850LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-40PN1- FPN1B-001 | 300x1200/40W Premium prismatic panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-32PN1- FPN1B-001 | 620x620/32W Premium prismatic panel | 32W | 3850LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-40PN1- FPN1B-001 | 620x620/40W Premium prismatic panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN42-60PN1- FPN1B-001 | 600x1200/60W Premium prismatic panel | 60W | 7200LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |



P08 Series : Foil LED Panel

Foil UGR<19 HB/Non-fireproof



PMMA
LGP

FULL
UGR<19

5 YR

Tri-color



Features

- > Foil UGR<19 (full)
- > SMD4014 as light source
- > PMMA LGP as light guide
- > Extra thin aluminum frame
- > 5 years warranty

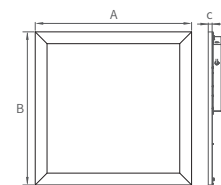
Options

- > Lumen efficacy :
Standard : 100LM/W
Premium : 120LM/W
- > Dimming : on-off / 1-10V / DALI
- > Emitting color : Single or Tri-color
- > Installation : Recessed / surface mounting / suspension

Applications

- > Replacement for fluroescent grid
- > Office/School
- > Hosptials /Retails
- > Corridors /Stairwells

Dimensions



| Product Name | A | B | C |
|--------------|-----|------|----|
| 600x600 | 595 | 595 | 10 |
| 620x620 | 620 | 620 | 10 |
| 300x1200 | 295 | 1195 | 10 |
| 600x1200 | 595 | 1195 | 10 |

Unit:mm

Standard Range: 100 lm/w Foil UGR<19



Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|-----------------------|----------------------------------|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32SN1- FFN1B-001 | 600 x600/32W Standard foil panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN22-40SN1- FFN1B-001 | 600 x600/40W Standard foil panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-32SN1- FFN1B-001 | 300x1200/32W Standard foil panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-40SN1- FFN1B-001 | 300x1200/40W Standard foil panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-32SN1- FFN1B-001 | 620x620/32W Standard foil panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-40SN1- FFN1B-001 | 620x620/40W Standard foil panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN42-60SN1- FFN1B-001 | 600x1200/60W Standard foil panel | 60W | 6000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |

Premium Range: 120 lm/w Foil UGR<19



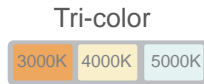
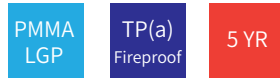
Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|-----------------------|---------------------------------|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32PN1- FFN1B-001 | 600 x600/32W Premium foil panel | 32W | 3850LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN22-40PN1- FFN1B-001 | 600 x600/40W Premium foil panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-32PN1- FFN1B-001 | 300x1200/32W Premium foil panel | 32W | 3850LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-40PN1- FFN1B-001 | 300x1200/40W Premium foil panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-32PN1- FFN1B-001 | 620x620/32W Premium foil panel | 32W | 3850LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-40PN1- FFN1B-001 | 620x620/40W Premium foil panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN42-60PN1- FFN1B-001 | 600x1200/60W Premium foil panel | 60W | 7200LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |



P10 Series :Caxton LED Panel

TP (a) Fire proof UGR>19



Features

- > TP(a) fireproof with PC diffuser
- > SMD4014 as light source
- > PMMA LGP as light guide
- > Extra thin aluminum frame
- > 5 years warranty

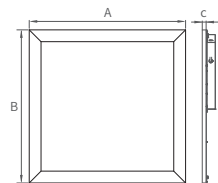
Options

- > Lumen efficacy :
Standard : 100LM/W
Premium : 120LM/W
- > Dimming : on-off / 1-10V / DALI
- > Emitting color : Single or Tri-color
- > Installation : Recessed / surface mounting / suspension

Applications

- > Replacement for fluorescent grid
- > Office/School
- > Hospitals /Retails
- > Corridors /Stairwells

Dimensions



| Product Name | A | B | C |
|--------------|-----|------|----|
| 600x600 | 595 | 595 | 10 |
| 620x620 | 620 | 620 | 10 |
| 300x1200 | 295 | 1195 | 10 |
| 600x1200 | 595 | 1195 | 10 |

Unit:mm

Standard Range: 100 lm/w TP(a) /UGR>19



Data Sheet

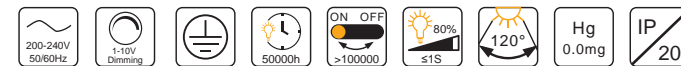
| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|-----------------------|------------------------------------|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32SN1- FVN1B-001 | 600 x600/32W Standard caxton panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN22-40SN1- FFN1B-001 | 600 x600/40W Standard caxton panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-32SN1- FFN1B-001 | 300x1200/32W Standard caxton panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-40SN1- FFN1B-001 | 300x1200/40W Standard caxton panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-32SN1- FFN1B-001 | 620x620/32W Standard caxton panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-40SN1- FFN1B-001 | 620x620/40W Standard caxton panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN42-60SN1- FFN1B-001 | 600x1200/60W Standard caxton panel | 60W | 6000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |

Premium Range: 120 lm/w TP(a) /UGR>19



Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|-----------------------|-----------------------------------|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32PN1- FVN1B-001 | 600 x600/32W Premium caxton panel | 32W | 3850LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN22-40PN1- FVN1B-001 | 600 x600/40W Premium caxton panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-32PN1- FVN1B-001 | 300x1200/32W Premium caxton panel | 32W | 3850LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-40PN1- FVN1B-001 | 300x1200/40W Premium caxton panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-32PN1- FVN1B-001 | 620x620/32W Premium caxton panel | 32W | 3850LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-40PN1- FVN1B-001 | 620x620/40W Premium caxton panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN42-60PN1- FVN1B-001 | 600x1200/60W Premium caxton panel | 60W | 7200LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |



P12 Series Brighton LED Panel

TP (a) Fire proof UGR<19



- PMMA LGP
- TP(a) Fireproof
- UGR <19
- 5 YR

- Tri-color
- 3000K
 - 4000K
 - 5000K

Features

- > TP(a) fireproof with PC diffuser
- > Low glare UGR<19
- > SMD4014 as light source
- > PMMA LGP as light guide
- > Extra thin aluminum frame
- > 5 years warranty

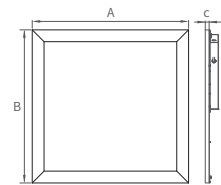
Options

- > Lumen efficacy :
 - Standard : 100LM/W
 - Premium : 120LM/W
- > Dimming : on-off / 1-10V / DALI
- > Emitting color : Single or Tri-color
- > Installation : Recessed / surface mounting / suspension

Applications

- > Replacement for fluorescent grid
- > Office/ School
- > Hospitals / Retail
- > Corridors / Stairwells

Dimensions



| Product Name | A | B | C |
|--------------|-----|------|----|
| 600x600 | 595 | 595 | 10 |
| 620x620 | 620 | 620 | 10 |
| 300x1200 | 295 | 1195 | 10 |
| 600x1200 | 595 | 1195 | 10 |

Unit:mm

Standard Range: 100 lm/w TP(a) / UGR<19



Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|----------------------|--|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32SN1-FTN1B-001 | 600 x600/32W /UGR<19 Standard brighton panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN22-40SN1-FTN1B-001 | 600 x600/40W/UGR<19 Standard brighton panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-32SN1-FTN1B-001 | 300x1200/32W/UGR<19 Standard brighton panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-40SN1-FTN1B-001 | 300x1200/40W/UGR<19 Standard brighton panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-32SN1-FTN1B-001 | 620x620/32W/UGR<19 Standard brighton panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-40SN1-FTN1B-001 | 620x620/40W/UGR<19 Standard brighton panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN42-60SN1-FTN1B-001 | 600x1200/60W/UGR<19 Standard brighton panel | 60W | 6000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |

Premium Range: 120 lm/w TP(a) /UGR<19



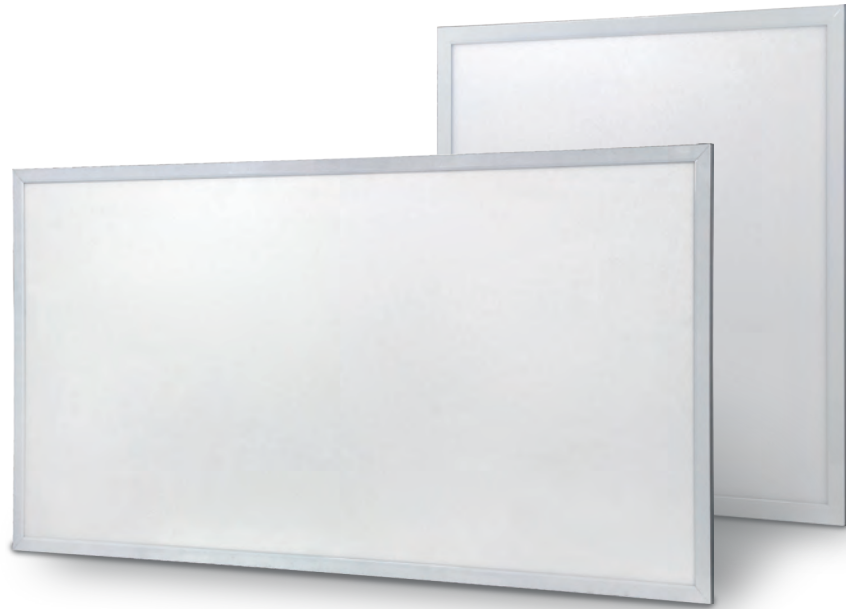
Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|----------------------|--|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32PN1-FTN1B-001 | 600 x600/32W/UGR<19 Premium brighton panel | 32W | 3850LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN22-40PN1-FTN1B-001 | 600 x600/40W/UGR<19 Premium brighton panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-32PN1-FTN1B-001 | 300x1200/32W/UGR<19 Premium brighton panel | 32W | 3850LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN41-40PN1-FTN1B-001 | 300x1200/40W/UGR<19 Premium brighton panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-32PN1-FTN1B-001 | 620x620/32W/UGR<19 Premium brighton panel | 32W | 3850LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN62-40PN1-FTN1B-001 | 620x620/40W/UGR<19 Premium brighton panel | 40W | 4800LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |
| PN42-60PN1-FTN1B-001 | 600x1200/60W/UGR<19 Premium brighton panel | 60W | 7200LM | 120LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |



P14 Series ETL LED Panel

ETL / DLC Approval



PMMA
LGP

DLC4.4

1~10V
dimming

5 YR

Features

- > TP(a) fireproof with PC diffuser
- > Low glare UGR<19
- > Flicker free 1-10V dimming
- > SMD4014 as light source
- > PMMA LGP as light guide
- > Extra thin aluminum frame
- > 5 years warranty

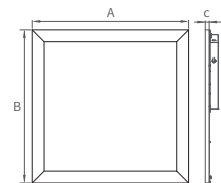
Applications

- > Replacement for fluorescent grid
- > Office/ School
- > Hospitals /Retails
- > Corridors /Stairwells

Options

- > Lumen efficacy :
Standard : 100LM/W
Premium : 120LM/W
- > Dimming : on-off / 1-10V
- > Installation : Recessed / surface mounting / suspension

Dimensions



| Product Name | A | B | C |
|--------------|-----|------|----|
| 2x2ft | 603 | 603 | 10 |
| 1x4ft | 303 | 1212 | 10 |
| 2x4ft | 603 | 1212 | 10 |

Unit:mm

Standard Range: 100 lm/w ETL/DLC4.4 approval



Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|-----------------------|-----------------------------------|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32SN1- FNV5X-500 | 2x2ft / 32W ETL standard panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC100-277V | PF>0.95 | Y |
| PN22-40SN1- FNV5X-500 | 2 x2ft/40W ETL standard panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC100-277V | PF>0.95 | Y |
| PN41-32SN1- FNV5X-500 | 1X4ft/32W ETL standard panel | 32W | 3200LM | 100LM/W | Ra>80 | PMMA | AC100-277V | PF>0.95 | Y |
| PN41-40SN1- FNV5X-500 | 1X4ft/40W ETL standard panel | 40W | 4000LM | 100LM/W | Ra>80 | PMMA | AC100-277V | PF>0.95 | Y |
| PN42-38SN1- FNV5X-500 | 2x4 ft/38W ETL standard panel | 38W | 3800LM | 100LM/W | Ra>80 | PMMA | AC100-277V | PF>0.95 | Y |
| PN42-50SN1- FNV5X-500 | 2x4 ft/50W ETL standard panel | 50W | 5000LM | 100LM/W | Ra>80 | PMMA | AC100-277V | PF>0.95 | Y |
| PN42-60SN1- FNV5X-500 | 2x4 ft/60W ETL standard panel | 60W | 6000LM | 100LM/W | Ra>80 | PMMA | AC200-240V | PF>0.95 | Y |

Premium Range: 125 lm/w ETL/DLC4.4 approval



Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | Light Guide | AC Input | Power Factor | Flicker Free |
|-----------------------|----------------------------------|-------------|--------------|----------------|-------------|-------------|------------|--------------|--------------|
| PN22-32PN1- FNV5X-500 | 2x2ft / 32W ETL premium panel | 32W | 4000LM | 125LM/W | Ra>80 | PMMA | AC100-277V | PF>0.95 | Y |
| PN22-40PN1- FNV5X-500 | 2 x2ft/40W ETL premium panel | 40W | 5000LM | 125LM/W | Ra>80 | PMMA | AC100-277V | PF>0.95 | Y |
| PN41-32PN1- FNV5X-500 | 1X4ft/32W ETL premium panel | 32W | 4000LM | 125LM/W | Ra>80 | PMMA | AC100-277V | PF>0.95 | Y |
| PN41-40PN1- FNV5X-500 | 1X4ft/40W ETL premium panel | 40W | 5000LM | 125LM/W | Ra>80 | PMMA | AC100-277V | PF>0.95 | Y |
| PN42-38PN1- FNV5X-500 | 2x4 ft/38W ETL premium panel | 38W | 4750LM | 125LM/W | Ra>80 | PMMA | AC100-277V | PF>0.95 | Y |
| PN42-50PN1- FNV5X-500 | 2x4 ft/50W ETL premium panel | 50W | 6250LM | 125LM/W | Ra>80 | PMMA | AC100-277V | PF>0.95 | Y |
| PN42-60PN1- FNV5X-500 | 2x4 ft/60W ETL premium panel | 60W | 7500LM | 125LM/W | Ra>80 | PMMA | AC100-277V | PF>0.95 | Y |



LED Troffer Light

ETL /DLC approval Premium:125LM/W Standard :105LM/W



1~10V
dimming

5 YR

Features

- > DLC4.4 Approval
- > Steel case as heatsink
- > AC100-277V /1-10V flicker free dimming
- > Quickly terminal for easy wiring

Applications

- > Replacement for fluorescent grid
- > Offices / Schools
- > Hospitals / Retails
- > Corridors / Stairwells

Options

- > Dimming function :
STD ON-OFF / 1-10V dimming
- > LED Driver:
External driver or build-in driver
- > Diffuser :
Mikly or clear
- > Installation: Recessed / suspension

North American Style

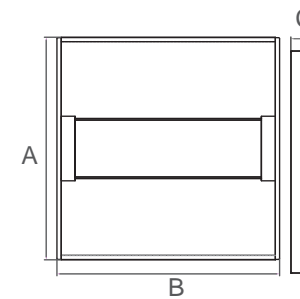


Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Flicker Free |
|-------------------------------|-------------------|-------------|--------------|----------------|-------------|------------|--------------|--------------|
| Standard Range 105LM/W | | | | | | | | |
| TF22-30SN1-AMV1X-500 | 2x2ft ETL troffer | 30W | 3150LM | 105LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |
| TF22-40SN1-AMV1X-500 | 2x2ft ETL troffer | 40W | 4200LM | 105LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |
| TF24-50SN1-AMV1X-500 | 2x4ft ETL troffer | 50W | 5250LM | 105LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |
| TF24-60SN1-AMV1X-500 | 2x4ft ETL troffer | 60W | 6300LM | 105LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |
| Premium Range 125LM/W | | | | | | | | |
| TF22-30PN1-AMV1X-500 | 2x2ft ETL troffer | 30W | 3750LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |
| TF22-40PN1-AMV1X-500 | 2x2ft ETL troffer | 40W | 5000LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |
| TF24-50PN1-AMV1X-500 | 2x4ft ETL troffer | 50W | 6250LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |
| TF24-60PN1-AMV1X-500 | 2x4ft ETL troffer | 60W | 7500LM | 125LM/W | Ra>80 | AC100-277V | PF>0.95 | Y |



Dimensions



| Product Name | A | B | C |
|--------------|-----|------|----|
| 2x2ft | 603 | 603 | 68 |
| 2x4ft | 603 | 1212 | 68 |

Unit:mm



LED Bulkheads LED Wall Pack

60%
energy saving

50,000
hours life

3 years
warranty

IP54 2D Bulkheads

Functions : STD /EM /MS/ EM+MS



Features

- > Durable IP54 rated case
- > Multiple function on EM/MS
- > Best replacement for 2D CCFL
- > 3H EM at 10% lumen output

Applications

- > Replacement for 2D fluorescent
- > Houses
- > Stairs /Corridors
- > Architectural lighting

Tri-color



Options

- > Color : Single color or Tri-color
- > Function: See the datasheet
- > Microwave sensor: 0% or 10%
- > Emergency: 3hours with 10% Lumen
- > Package: Standard pack or Color Box

Tri-color series



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Function |
|----------------------|----------------------|-------------|--------------|----------------|-------------|------------|--------------|------------|
| BH32-16GTR-ANF1H-001 | Standard bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD /On-ff |
| BH32-16GTR-ANF2H-001 | STD +EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+ EM |
| BH32-16GTR-ANF3H-001 | STD +MS bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS |
| BH32-16GTR-ANF4H-001 | STD +MS+EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS+EM |

Single series

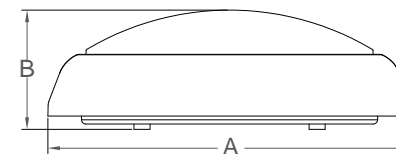


• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Function |
|----------------------|----------------------|-------------|--------------|----------------|-------------|------------|--------------|------------|
| BH32-16GN1-ANF1H-001 | Standard bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD /On-ff |
| BH32-16GN1-ANF2H-001 | STD +EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+ EM |
| BH32-16GN1-ANF3H-001 | STD +MS bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS |
| BH32-16GN1-ANF4H-001 | STD +MS+EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS+EM |



Dimensions



| Product Name | A | B |
|--------------|------|-----|
| 2D Bulkhead | Ø325 | 113 |

Unit: mm

IP65 2D Bulkheads

Functions: STD /EM /MS/EM+MS , IP65



IP65 3H EM 3 YR

Features

- > IP65 rated case
- > Multiple function on EM/MS
- > Best replacement for 2D CCFL
- > 3H EM at 10% lumen output

Applications

- > Replacement for 2D fluorescent
- > Houses
- > Stairs / Corridors
- > Architectural lighting

Tri-color

3000K 4000K 5000K

Options

- > Color : Single color or Tri-color
- > Function: See the datasheet
- > Microwave sensor: 0% or 10%
- > Emergency: 3hours with 10% Lumen
- > Package: Standard pack or Color Box

Tri-color series



Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Function |
|----------------------|----------------------|-------------|--------------|----------------|-------------|------------|--------------|------------|
| BH28-16GTR-BNF1H-001 | Standard bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD /On-ff |
| BH28-16GTR-BNF2H-001 | STD +EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+ EM |
| BH28-16GTR-BNF3H-001 | STD +MS bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS |
| BH28-16GTR-BNF4H-001 | STD +MS+EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS+EM |

Single series

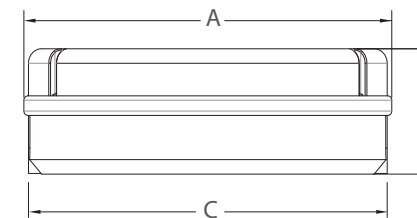


Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Function |
|----------------------|----------------------|-------------|--------------|----------------|-------------|------------|--------------|------------|
| BH28-16GN1-BNF1H-001 | Standard bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD /On-ff |
| BH28-16GN1-BNF2H-001 | STD +EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+ EM |
| BH28-16GN1-BNF3H-001 | STD +MS bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS |
| BH28-16GN1-BNF4H-001 | STD +MS+EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS+EM |



Dimensions



| Product Name | A | B | C |
|--------------|-----|----|-----|
| 2D Bulkhead | 280 | 86 | 275 |

Unit: mm

Moon Bulkheads

IP65 Waterproof , Full and Half Moon Case



Full Moon



Half Moon

IP65

3H EM

3 YR

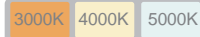
Features

- > IP65 rated case
- > Multiple function on EM/MS
- > Best replacement for 2D CCFL
- > 3H EM at 10% lumen output

Applications

- > Replacement for 2D fluorescent
- > Houses
- > Stairs / Corridors
- > Architectural lighting

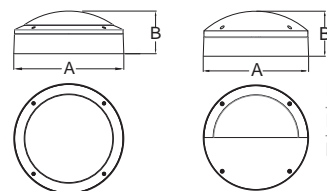
Tri-color



Options

- > Color : Single color or Tri-color
- > Function: See the datasheet
- > Microwave sensor: 0% or 10%
- > Emergency: 3hours with 10% Lumen
- > Package: Standard pack or Color Box

Dimension



| Product Name | A | B |
|--------------|-----|-------|
| Full moon | 365 | 141.5 |
| Half moon | 365 | 156 |

Unit: mm

Tri-color series



• Full Moon

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Function |
|----------------------|----------------------|-------------|--------------|----------------|-------------|------------|--------------|------------|
| BH36-16GTR-FNF1H-001 | Standard bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD /On-ff |
| BH36-16GTR-FNF2H-001 | STD +EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+ EM |
| BH36-16GTR-FNF3H-001 | STD +MS bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS |
| BH36-16GTR-FNF4H-001 | STD +MS+EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS+EM |

• Half Moon

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Function |
|----------------------|----------------------|-------------|--------------|----------------|-------------|------------|--------------|------------|
| BH36-16GTR-HNF1H-001 | Standard bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD /On-ff |
| BH36-16GTR-HNF2H-001 | STD +EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+ EM |
| BH36-16GTR-HNF3H-001 | STD +MS bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS |
| BH36-16GTR-HNF4H-001 | STD +MS+EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS+EM |

Single color series



• Full Moon

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Function |
|----------------------|----------------------|-------------|--------------|----------------|-------------|------------|--------------|------------|
| BH36-16GN1-FNF1H-001 | Standard bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD /On-ff |
| BH36-16GN1-FNF2H-001 | STD +EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+ EM |
| BH36-16GN1-FNF3H-001 | STD +MS bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS |
| BH36-16GN1-FNF4H-001 | STD +MS+EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS+EM |

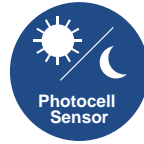
• Half Moon

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Function |
|----------------------|----------------------|-------------|--------------|----------------|-------------|------------|--------------|------------|
| BH36-16GN1-HNF1H-001 | Standard bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD /On-ff |
| BH36-16GN1-HNF2H-001 | STD +EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+ EM |
| BH36-16GN1-HNF3H-001 | STD +MS bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS |
| BH36-16GN1-HNF4H-001 | STD +MS+EM bulkheads | 16W | 1350LM | 85LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS+EM |



LED Wall Pack

IP65 Waterproof / Photocell Sensor



IP65 3H EM 5 YR

Tri-color
3000K 4000K 5000K

Features

- > Philips Xitanium driver as standard
- > Photocell sensor for smart function
- > Stable Lux for ON/OFF
- > IP65 PC cover and aluminum case
- > Up to 60% energy savings

Applications

- > Car parks and Loading bays
- > Outside warehouse and Factories
Walkways and Stairwells
- > General amenity and Security areas

Options

- > Single color or Tri-color
- > Functions:
F1: Standard /On-off
F2: STD+ MS
- > Photo Cell : 100Lux or 200lux

Tri-color series



Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Function |
|----------------------|--------------------|-------------|--------------|----------------|-------------|------------|--------------|------------|
| WP30-40GTR-ANF1P-001 | Standard wall pack | 40W | 3600LM | 90LM/W | Ra>80 | AC200-240V | PF>0.95 | STD /On-ff |
| WP30-40GTR-FNF2P-001 | STD +MS wall pack | 40W | 3600LM | 90LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS |

Single color series

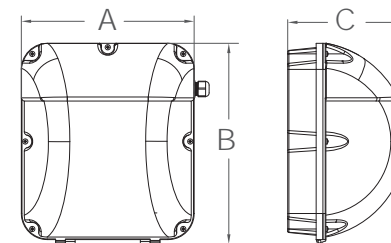


Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Function |
|----------------------|--------------------|-------------|--------------|----------------|-------------|------------|--------------|------------|
| WP30-40GN1-ANF1P-001 | Standard wall pack | 40W | 3600LM | 90LM/W | Ra>80 | AC200-240V | PF>0.95 | STD /On-ff |
| WP30-40GN1-ANF3P-001 | STD +MS wall pack | 40W | 3600LM | 90LM/W | Ra>80 | AC200-240V | PF>0.95 | STD+MS |



Dimensions



| Product Name | A | B | C |
|--------------|-----|-----|-----|
| Wall pack | 265 | 308 | 182 |



LED Ceiling Light

60%
energy saving

50,000
hours life

5 years
warranty

Mushroom LED Ceiling Light

Functions : ON-OFF/ Micro-wave Sensor /Triac Dimming



PMMA

5 YR

Features

- > PMMA Cover
- > SMD2835 as light source
- > ETL /ES /TUV approval
- > Easy installation for surface mounting

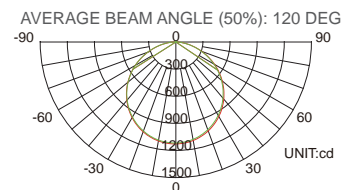
Applications

- > Replacement for CCFL fittings
- > House / Hotels
- > Path way / Stairs
- > Retail

Options

- > EU Style : ON-OFF/ Micro-wave sensor
- > North American: ON-OFF / Triac dimming
- > Input voltage: AC200-240V or AC100-120V
- > Package : Standard pack or color box

Photometry Curve

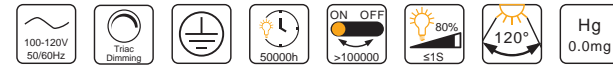


North American Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Flicker Free |
|----------------------|-------------------------|-------------|--------------|----------------|-------------|------------|--------------|--------------|
| Triac Dimming | | | | | | | | |
| CL30-20BN1-ANT8L-500 | D300-20W traic mushroom | 20W | 1500LM | 75LM/W | Ra>80 | AC100-120V | PF>0.95 | N |
| CL35-25BN1-ANT8L-500 | D350-25W traic mushroom | 25W | 1850LM | 75LM/W | Ra>80 | AC100-120V | PF>0.95 | N |
| CL40-30BN1-ANT8L-500 | D400-30W traic mushroom | 30W | 2250LM | 75LM/W | Ra>80 | AC100-120V | PF>0.95 | N |

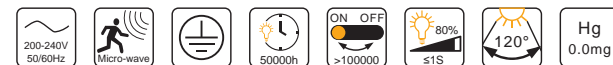


EU Style

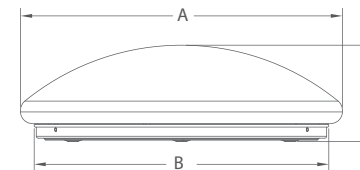


• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Flicker Free |
|--------------------------|--------------------------|-------------|--------------|----------------|-------------|------------|--------------|--------------|
| ON-OFF Series | | | | | | | | |
| CL30-20BN1-ANN2H-001 | D300-20W on-off mushroom | 20W | 1500LM | 75LM/W | Ra>80 | AC200-240V | PF>0.95 | N |
| CL35-25BN1-ANN2H-001 | D350-25W on-off mushroom | 25W | 1850LM | 75LM/W | Ra>80 | AC200-240V | PF>0.95 | N |
| CL40-30BN1-ANN2H-001 | D400-30W on-off mushroom | 30W | 2250LM | 75LM/W | Ra>80 | AC200-240V | PF>0.95 | N |
| Micro-wave Series | | | | | | | | |
| CL30-20BN1-ANM1M-001 | D300-20W MS mushroom | 20W | 1500LM | 75LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |
| CL35-25BN1-ANM1M-001 | D350-25W MS mushroom | 25W | 1850LM | 75LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |
| CL40-30BN1-ANM1M-001 | D400-30W MS mushroom | 30W | 2250LM | 75LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |



Dimensions



| Product Name | A | B | C |
|--------------|-----|-----|-----|
| 12"/Φ300 | 295 | 260 | 95 |
| 14"/Φ350 | 330 | 306 | 100 |
| 16"/Φ400 | 380 | 357 | 107 |

Unit:mm

Metal Ring LED Ceiling Light

Functions : ON-OFF/ Micro-wave Sensor /Triac Dimming



PMMA

5 YR

Features

- > PMMA Cover
- > Customs-made case painting
- > SMD2835 as light source
- > ETL /ES /TUV approval
- > Easy installation for surface mounting

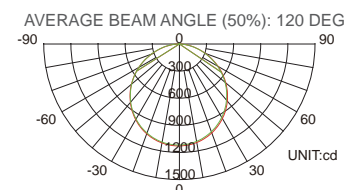
Applications

- > Replacement for CCFL fittings
- > House / Hotels
- > Path way / Stairs
- > Retail

Options

- > EU Style : ON-OFF/ Micro-wave sensor
- > North American: ON-OFF / Triac dimming
- > Input voltage: AC200-240V or AC100-120V
- > Package : Standard pack or color box

Photometry Curve

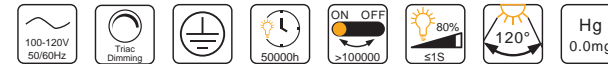


North American Style



• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Flicker Free |
|----------------------|---------------------------|-------------|--------------|----------------|-------------|------------|--------------|--------------|
| Triac Dimming | | | | | | | | |
| CL30-20BN1-BNT8L-500 | D300-20W traic metal ring | 20W | 1500LM | 75LM/W | Ra>80 | AC100-120V | PF>0.95 | N |
| CL35-25BN1-BNT8L-500 | D350-25W traic metal ring | 25W | 1850LM | 75LM/W | Ra>80 | AC100-120V | PF>0.95 | N |
| CL40-30BN1-BNT8L-500 | D400-30W traic metal ring | 30W | 2250LM | 75LM/W | Ra>80 | AC100-120V | PF>0.95 | N |



EU Style

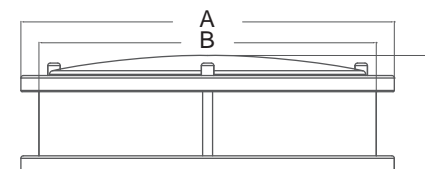


• Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Flicker Free |
|--------------------------|----------------------------|-------------|--------------|----------------|-------------|------------|--------------|--------------|
| ON-OFF Series | | | | | | | | |
| CL30-20BN1-BNN2H-001 | D300-20W on-off metal ring | 20W | 1500LM | 75LM/W | Ra>80 | AC200-240V | PF>0.95 | N |
| CL35-25BN1-BNN2H-001 | D350-25W on-off metal ring | 25W | 1850LM | 75LM/W | Ra>80 | AC200-240V | PF>0.95 | N |
| CL40-30BN1-BNN2H-001 | D400-30W on-off metal ring | 30W | 2250LM | 75LM/W | Ra>80 | AC200-240V | PF>0.95 | N |
| Micro-wave Series | | | | | | | | |
| CL30-20BN1-BNM1M-001 | D300-20W MS metal ring | 20W | 1500LM | 75LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |
| CL35-25BN1-BNM1M-001 | D350-25W MS metal ring | 25W | 1850LM | 75LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |
| CL40-30BN1-BNM1M-001 | D400-30W MS metal ring | 30W | 2250LM | 75LM/W | Ra>80 | AC200-240V | PF>0.95 | Y |



Dimension



| Product Name | A | B | C |
|--------------|-----|-----|------|
| 12"/Φ300 | 300 | 271 | 93.5 |
| 14"/Φ350 | 350 | 321 | 93.5 |
| 16"/Φ400 | 400 | 371 | 93.5 |

Unit:mm



LED Down Light
LED Slim Down Light

60%
energy saving

50,000
hours life

5 years
warranty

LED Down Light

TP(a) fire proof / IP54



UGR <19 TP(a) IP54 5 YR

Tri-color
3000K 4000K 5000K

Features

- > Low glare / UGR<19
- > Die-case housing as heat sink
- > SMD2835 as light source
- > Flicker free triac dimming
- > 5 years warranty

Application

- > Commerical Lighting:
Shopping mall, Super-market, Hotel, Office
- > Public Lighting:
Path way , Stations , School, Library

Options

- > Emitting Color : Single or Tri-color
- > Dimming: STD ON-OFF / Triac Dimming
- > Fire Rate : TP(a)
- > IP Rate : IP20 or IP54
- > Installation: Recessed / suspension
- > Package : Standard or color box

Tri-Color series



Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/ TP Class /TP |
|----------------------|--------------------|-------------|--------------|----------------|-------------|------------|--------------|------------------|
| DL02-04STR-AVN2B-001 | 2.5"-4W Down light | 4W | 400LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP54/ TP(a) |
| DL04-07STR-AVN2B-001 | 4"-7W Down light | 7W | 700LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP54/ TP(a) |
| DL05-10STR-AVN2B-001 | 5"-10W Down light | 10W | 1000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP54/ TP(a) |
| DL06-16STR-AVN2B-001 | 6"-16W Down light | 16W | 1600LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP54/ TP(a) |
| DL08-20STR-AVN2B-001 | 8"-20W Down light | 20W | 2000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP54/ TP(a) |
| DL08-30STR-AVN2B-001 | 8"-30W Down light | 30W | 3000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP54/ TP(a) |

Single Color series

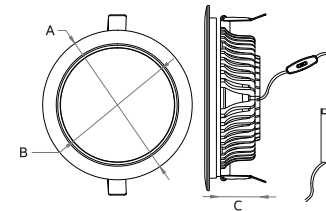


Data Sheet

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP/ TP Class /TP |
|----------------------|--------------------|-------------|--------------|----------------|-------------|------------|--------------|------------------|
| DL02-04SN1-AVN2B-001 | 2.5"-4W Down light | 4W | 400LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP54/ TP(a) |
| DL04-07SN1-AVN2B-001 | 4"-7W Down light | 7W | 700LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP54/ TP(a) |
| DL05-10SN1-AVN2B-001 | 5"-10W Down light | 10W | 1000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP54/ TP(a) |
| DL06-16SN1-AVN2B-001 | 6"-16W Down light | 16W | 1600LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP54/ TP(a) |
| DL08-20SN1-AVN2B-001 | 8"-20W Down light | 20W | 2000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP54/ TP(a) |
| DL08-30SN1-AVN2B-001 | 8"-30W Down light | 30W | 3000LM | 100LM/W | Ra>80 | AC200-240V | PF>0.95 | IP54/ TP(a) |



Dimensions



| Product Name | A | B | C |
|-----------------|------|------|----|
| 2.5" Down Light | Ø95 | Ø48 | 42 |
| 4" Down Light | Ø135 | Ø89 | 57 |
| 5" Down Light | Ø167 | Ø114 | 59 |
| 6" Down Light | Ø195 | Ø129 | 69 |
| 8" Down Light | Ø225 | Ø163 | 73 |

Unit: mm

LED Slim Down Light

Die-case Slim Down Light IP20



Triac Dimming IP20 3 YR

Features

- > Slim Design for easy installation
- > Best replacement on CFL/PLL
- > Up to 60% energy savings
- > IP Rating : IP20
- > Easy Recessed installation

Applications

- > Commerical Lighting:
Shopping mall, Super-market, Hotel, Office
- > Public Lighting:
Path way , Stations , School , Library

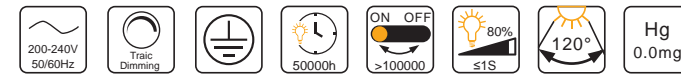
Options

- > Dimming: ON-OFF / Triac Dimming
- > Micro-wave sensor: 0% / 30% /100%
- > Installation: Recessed
- > Package : Standard or color box

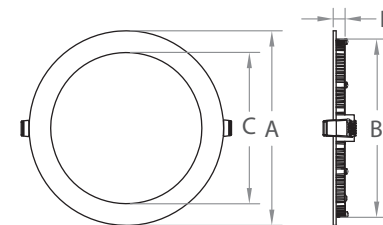
Data sheet



| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | IP Class |
|----------------------|--------------------------|-------------|--------------|----------------|-------------|------------|--------------|----------|
| PN09-04EN1-RNN2B-001 | R90-4W Slim down light | 4W | 320LM | 80LM/W | Ra>80 | AC200-240V | PF>0.95 | IP20 |
| PN12-08EN1-RNN2B-001 | R120-8W Slim down light | 8W | 650LM | 80LM/W | Ra>80 | AC200-240V | PF>0.95 | IP20 |
| PN14-10EN1-RNN2B-001 | R145-10W Slim down light | 10W | 800LM | 80LM/W | Ra>80 | AC200-240V | PF>0.95 | IP20 |
| PN17-12EN1-RNN2B-001 | R170-12W Slim down light | 12W | 950LM | 80LM/W | Ra>80 | AC200-240V | PF>0.95 | IP20 |
| PN19-18EN1-RNN2B-001 | R190-18W Slim down light | 18W | 1450LM | 80LM/W | Ra>80 | AC200-240V | PF>0.95 | IP20 |
| PN20-18EN1-RNN2B-001 | R200-18W Slim down light | 18W | 1450LM | 80LM/W | Ra>80 | AC200-240V | PF>0.95 | IP20 |
| PN22-18EN1-RNN2B-001 | R225-18W Slim down light | 18W | 1450LM | 80LM/W | Ra>80 | AC200-240V | PF>0.95 | IP20 |
| PN24-18EN1-RNN2B-001 | R240-18W Slim down light | 18W | 1450LM | 80LM/W | Ra>80 | AC200-240V | PF>0.95 | IP20 |
| PN30-22EN1-RNN2B-001 | R300-22W Slim down light | 22W | 1750LM | 80LM/W | Ra>80 | AC200-240V | PF>0.95 | IP20 |



Dimensions



| Product Name | A | B | C | D |
|--------------|------|------|------|----|
| R90 | Ø90 | Ø68 | Ø50 | 12 |
| R120 | Ø120 | Ø107 | Ø82 | 12 |
| R145 | Ø145 | Ø134 | Ø102 | 12 |
| R170 | Ø170 | Ø156 | Ø127 | 12 |
| R190 | Ø190 | Ø175 | Ø150 | 12 |
| R200 | Ø200 | Ø185 | Ø153 | 12 |
| R225 | Ø225 | Ø206 | Ø176 | 12 |
| R240 | Ø240 | Ø225 | Ø193 | 12 |
| R300 | Ø295 | Ø280 | Ø250 | 12 |

Unit:mm

LED Tube Light LED Cabinet Light

60%
energy saving

50,000
hours life

5 years
warranty

T8 LED Tube

General :95-105LM/W Premium :120-130LM/W Deluxe:140-150LM/W



VDE

5 YR

Features

- > VDE/TUV/CE/ROHS approval
- > Rotatable end cap
- > Up to 60% energy savings
- > 50,000 hours life span
- > 5 years warranty

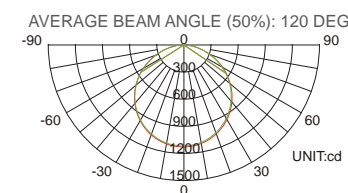
Applications

- > Industrial Lighting: Factory, Warehouse
- > Commercial Lighting: Office, Super-market
Hotel, Exhibition hall
- > Public Lighting: Residence, Library, Hospital
School, MTR station, Bus station
Train station, Airport

Options

- > Lumen efficacy :
General : 95-105LM/W
Premium :120-130LM/W
Deluxe: 140-150LM/W
- > Cap Ring Color : Various color
- > PC cover: Clear or Frosted
- > Pink color for meat

Photometry Curve



Data Sheet



General Version : 95-105LM/W

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Match |
|----------------------|---------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------------|
| T802-10GN1-DMN6B-001 | 60CM-10W General T8 Tube | 10W | 1000LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T804-18GN1-DMN6B-001 | 120CM-18W General T8 Tube | 18W | 1800LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T804-20GN1-DMN6B-001 | 120CM-20W General T8 Tube | 20W | 2000LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T805-22GN1-DMN6B-001 | 150CM-22W General T8 Tube | 22W | 2200LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T805-25GN1-DMN6B-001 | 150CM-25W General T8 Tube | 25W | 2500LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T805-30GN1-DMN6B-001 | 150CM-30W General T8 Tube | 30W | 3000LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |

Premium Version : 120-130LM/W

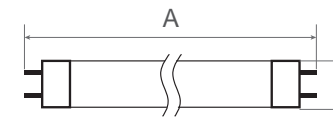
| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Match |
|----------------------|---------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------------|
| T802-10PN1-DMN6B-001 | 60CM-10W Premium T8 Tube | 10W | 1200LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T804-18PN1-DMN6B-001 | 120CM-18W Premium T8 Tube | 18W | 2150LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T804-20PN1-DMN6B-001 | 120CM-20W Premium T8 Tube | 20W | 2400LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T805-22PN1-DMN6B-001 | 150CM-22W Premium T8 Tube | 22W | 2650LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T805-25PN1-DMN6B-001 | 150CM-25W Premium T8 Tube | 25W | 3000LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T805-30PN1-DMN6B-001 | 150CM-30W Premium T8 Tube | 30W | 3600LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |

Deluxe Version : 120-130LM/W

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Match |
|----------------------|--------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------------|
| T802-10DN1-DMN6B-001 | 60CM-10W Deluxe T8 Tube | 10W | 1400LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T804-18DN1-DMN6B-001 | 120CM-18W Deluxe T8 Tube | 18W | 2500LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T804-20DN1-DMN6B-001 | 120CM-20W Deluxe T8 Tube | 20W | 2800LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T805-22DN1-DMN6B-001 | 150CM-22W Deluxe T8 Tube | 22W | 3080LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T805-25DN1-DMN6B-001 | 150CM-25W Deluxe T8 Tube | 25W | 3500LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |
| T805-30DN1-DMN6B-001 | 150CM-30W Deluxe T8 Tube | 30W | 4200LM | 140LM/W | Ra>80 | AC100-277V | PF>0.95 | Inductive ballast |



Dimensions



| Product Name | A | B |
|--------------|--------|----|
| 60cm/2ft | 603±1 | 26 |
| 120cm/4ft | 1212±1 | 26 |
| 150cm/5ft | 1513±1 | 26 |

Unit: mm

T6 LED Tube

General :95-105LM/W Premium :120-130LM/W



5 YR

Features

- > Special Design for G5 cap
- > Up to 60% energy savings
- > 50,000 hours life span
- > 5 years warranty

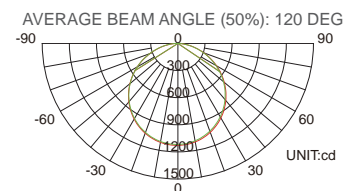
Applications

- > Industrial Lighting: Factory, Warehouse
- > Commercial Lighting: Office, Super-market, Hotel, Exhibition hall
- > Public Lighting: Residence, Library, Hospital, School, MTR station, Bus station, Train station, Airport

Options

- > Lumen efficacy :
General : 95-105 LM/W
Premium : 120-130LM/W
- > Cap Ring Color : Various color
- > PC cover: Clear or Frosted
- > Pink color for meat

Photometry Curve



Data Sheet



General Version : 95-105LM/W

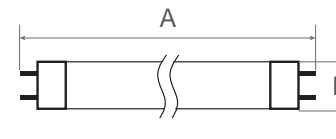
| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Match |
|----------------------|---------------------------|-------------|--------------|----------------|-------------|------------|--------------|----------------|
| T602-10GN1-DMN6B-001 | 60CM-10W General T6 Tube | 10W | 1000LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | T5 fluorescent |
| T604-18GN1-DMN6B-001 | 120CM-18W General T6 Tube | 18W | 1800LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | T5 fluorescent |
| T605-22GN1-DMN6B-001 | 150CM-22W General T6 Tube | 22W | 2200LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | T5 fluorescent |
| T605-25GN1-DMN6B-001 | 150CM-25W General T6 Tube | 25W | 2500LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | T5 fluorescent |
| T605-30GN1-DMN6B-001 | 150CM-30W General T6 Tube | 30W | 3000LM | 100LM/W | Ra>80 | AC100-277V | PF>0.95 | T5 fluorescent |

Premium Version : 120-130LM/W

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Power Factor | Match |
|----------------------|---------------------------|-------------|--------------|----------------|-------------|------------|--------------|----------------|
| T602-10PN1-DMN6B-001 | 60CM-10W Premium T6 Tube | 10W | 1200LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | T5 fluorescent |
| T604-18PN1-DMN6B-001 | 120CM-18W Premium T6 Tube | 18W | 2150LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | T5 fluorescent |
| T605-22PN1-DMN6B-001 | 150CM-22W Premium T6 Tube | 22W | 2650LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | T5 fluorescent |
| T605-25PN1-DMN6B-001 | 150CM-25W Premium T6 Tube | 25W | 3000LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | T5 fluorescent |
| T605-30PN1-DMN6B-001 | 150CM-30W Premium T6 Tube | 30W | 3600LM | 120LM/W | Ra>80 | AC100-277V | PF>0.95 | T5 fluorescent |



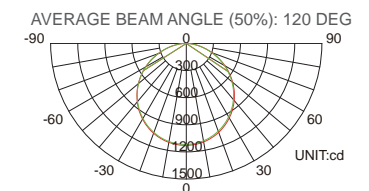
Dimensions



| Product Name | A | B |
|--------------|--------|----|
| 30cm/1ft | 288±1 | 22 |
| 60cm/2ft | 549±1 | 22 |
| 120cm/4ft | 1148±1 | 22 |
| 150cm/5ft | 1449±1 | 22 |

Unit: mm

Photometry Curve



Nano LED Tube

Standard : 95-105LM/W Advance:120-130LM/W Ritzy :140-150LM/W



TUV

3 YR

Features

- > Various LM/W output version
- > Housing material : Nano case
- > New LED Technology SMD2835 as the light source
- > AC200-240V Input Voltage
- > 3 years warranty

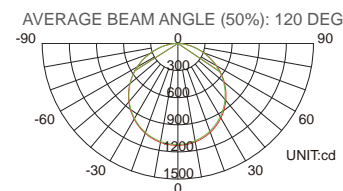
Applications

- > Industrial Lighting: Factory, Warehouse
- > Commerical Lighting: Office, Super-market
Hotel, Exhibition hall
- > Public Lighting: Residence, Library, Hospital
School, MTR station, Bus station
Train station, Airport

Options

- > Lumen efficacy:
Standard :100-110LM/W,
Advance:130-140LM/W,
Ritzy:150-160LM/W

Photometry Curve



Data Sheet



Standard Version : 95-105LM/W

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Flicker Free | Match |
|----------------------|------------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------------|
| T802-10GN1-NMN2H-001 | 60CM-10W standard nano tube | 10W | 1000LM | 100LM/W | Ra>80 | AC200-240V | Y | Inductive ballast |
| T804-18GN1-NMN2H-001 | 120CM-18W standard nano tube | 18W | 1800LM | 100LM/W | Ra>80 | AC200-240V | Y | Inductive ballast |
| T805-24GN1-NMN2H-001 | 150CM-24W standard nano tube | 24W | 2400LM | 100LM/W | Ra>80 | AC200-240V | Y | Inductive ballast |
| T806-30GN1-NMN2H-001 | 180CM-30W standard nano tube | 30W | 3000LM | 100LM/W | Ra>80 | AC200-240V | Y | Inductive ballast |

Advance Version : 130-140LM/W

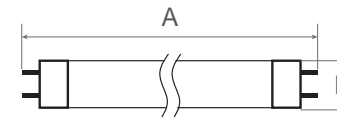
| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Flicker Free | Match |
|----------------------|-----------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------------|
| T802-10AN1-NMN2H-001 | 60CM-10W advance nano tube | 10W | 1300LM | 130LM/W | Ra>80 | AC200-240V | Y | Inductive ballast |
| T804-18AN1-NMN2H-001 | 120CM-18W advance nano tube | 18W | 2350LM | 130LM/W | Ra>80 | AC200-240V | Y | Inductive ballast |
| T805-24AN1-NMN2H-001 | 150CM-24W advance nano tube | 24W | 3100LM | 130LM/W | Ra>80 | AC200-240V | Y | Inductive ballast |
| T806-30AN1-NMN2H-001 | 180CM-30W advance nano tube | 30W | 3900LM | 130LM/W | Ra>80 | AC200-240V | Y | Inductive ballast |

Ritzy Version : 150-160LM/W

| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Flicker Free | Match |
|----------------------|---------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------------|
| T802-10RN1-NMN2H-001 | 60CM-10W ritzy nano tube | 10W | 1500LM | 150LM/W | Ra>80 | AC200-240V | Y | Inductive ballast |
| T804-18RN1-NMN2H-001 | 120CM-18W ritzy nano tube | 18W | 2700LM | 150LM/W | Ra>80 | AC200-240V | Y | Inductive ballast |
| T805-24RN1-NMN2H-001 | 150CM-24W ritzy nano tube | 24W | 3600LM | 150LM/W | Ra>80 | AC200-240V | Y | Inductive ballast |
| T806-30RN1-NMN2H-001 | 180CM-30W ritzy nano tube | 30W | 4500LM | 150LM/W | Ra>80 | AC200-240V | Y | Inductive ballast |



Dimensions



| Product Name | A | B |
|--------------|--------|----|
| 60cm/2ft | 603±1 | 26 |
| 120cm/4ft | 1212±1 | 26 |
| 150cm/5ft | 1513±1 | 26 |
| 180cm/6ft | 1777±1 | 26 |

Unit: mm

LED Cabinet Light

Multiple Link with Wireless or Wire Connector



Switch ON/OFF
Flicker Free
3 YR

Features

- > Ideal for retro-fit of existing T4 and T5 fixtures
- > Available in 5 different lengths
- > Full set of connectors and accessories supplied
- > Slimline profile for discreet installation
- > Extruded plastic body
- > 3 years warranty

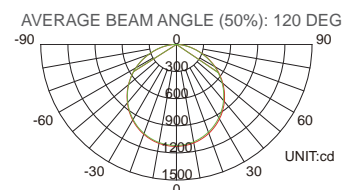
Applications

- > Cupboard, Showcase, Shopping mall

Options

- > Multiple link :
Wireless or wire connector (see accessories)
- > Emitting color
WW - Warm white (3000K)
NW - Neutral white (4000K)
PW - Daylight white (5000K)

Photometry Curve



Data Sheet



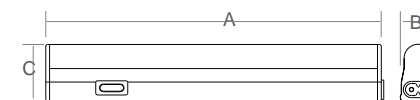
| Order Code | Product Name | Rated Power | Lumen Output | Lumen Efficacy | Color Index | AC Input | Flicker free | LED Qty |
|----------------------|-------------------------|-------------|--------------|----------------|-------------|------------|--------------|-------------|
| CB02-03GN1-AFN2H-001 | 20CM-03W cabinet light | 3W | 300LM | 100LM/W | Ra>80 | AC200-240V | Y | 20 SMD2835 |
| CB03-05GN1-AFN2H-001 | 30CM-05W cabinet light | 5W | 500LM | 100LM/W | Ra>80 | AC200-240V | Y | 30 SMD2835 |
| CB05-08GN1-AFN2H-001 | 50CM-08W cabinet light | 9W | 900LM | 100LM/W | Ra>80 | AC200-240V | Y | 48 SMD2835 |
| CB09-14GN1-AFN2H-001 | 90CM-14W cabinet light | 14W | 1400LM | 100LM/W | Ra>80 | AC200-240V | Y | 84 SMD2835 |
| CB12-16GN1-AFN2H-001 | 120CM-16W cabinet light | 16W | 1600LM | 100LM/W | Ra>80 | AC200-240V | Y | 96 SMD2835 |



Accessories



Dimensions



| Product Name | A | B | C |
|--------------|------|----|----|
| 20cm | 222 | 23 | 37 |
| 30cm | 295 | 23 | 37 |
| 50cm | 525 | 23 | 37 |
| 80cm | 857 | 23 | 37 |
| 120cm | 1157 | 23 | 37 |

Unit: mm