8W/1000LM
UP ↑

Optional

Datasheet

MatePro UFO Highbay

Glass Cover

TÜV SÜD · GS geprüfte Sicherheit · **SAA** · ⟨D⟩ · C E · RoHS ✓

60% energy saving · **50**,000 hous life · **5** years warranty
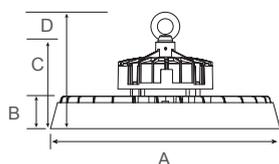
Toppo Lighting

Our Service
Your Choice

• Product Features

> Highly energy efficient - up to 180 lm/w

> Special heat sink design for excellent heating dissipation

> IP65 / IK10 for all industrial applications

> Driver and housing separated by spacers

> Tempered glass optic with 110° beam angle

> Newest generation 1W SMD2835 as light source

> D-Mark tested for the use in paper production, wood processing etc.

> No UV or IR and completely mercury free

> L80/B10 @ 50.000h

> 5 years warranty

• Product Picture

• Options

> Drivers: Meanwell, Philips,Sosen

> Controls and Dimming

· Zigbee wireless control   · 1-10V Dimming

· Motion sensor   · Emergency

· DALI control   · Daylight sensor

> Driver shape: round or rectangular

> Reflector : See page of accessories

> Installation: See page of accessories

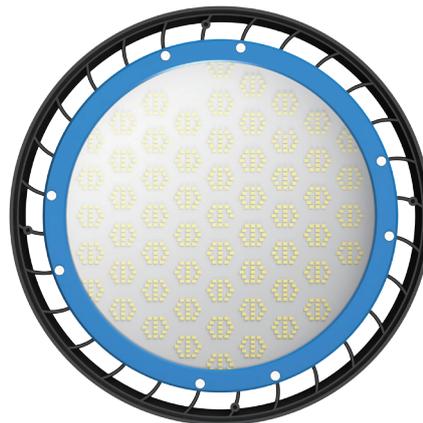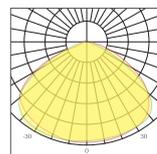> Lumen efficacy:140Lm/w or 160Lm/w or 180Lm/w

> UP-Light 8W 1000LM

• Applications

> Factories / Warehouses /Workshops

> Exhibitions & showrooms

> Barns and riding halls

> High rooms and halls

> Traditional lamp replacement

• Dimension

Product Name	A	B	C	D
D300	Φ300	65	155	205
D350	Φ350	65	155	205

Unit:mm

• Photometry Curve

110°

• Product code policy

HB XX -XX X XX - X X X X X- XXX
01   02   03 04 05   06 07 08 09 10   11

01. Product category: HB: High Bay Light

02. Product dimension: eg: 30:Φ300mm;

03. Rated power: eg: 1A: 100W; 1B: 150W

04. Luminous Efficacy: A:Advanced 140LM/W

05. Color Temperature: eg:N1: 4000~4500K

06. Product name: U: UFO Highbay

07. Product version: G:Glass Cover

08. Electrical function:N:ON/OFF

09.Power attribute:5:AC100-277V Flicker free power drive

10.Power supply manufacturer

11.Series No.: 001-499.

• Technical / Electrical Characters (at TA=25°C)

Item	Symbol	Advance:140LM/W				Deluxe:160LM/W				Top:180LM/W			
		D300	D300	D350	D350	D300	D300	D350	D350	D300	D300	D350	D350
Unit Power	W	100W	150W	200W	240W	100W	150W	200W	240W	100W	150W	200W	240W
Product Code	/	HB30-1AAN1 -UGN5M-001	HB30-1BAN1 -UGN5M-001	HB30-2AAN1 -UGN5M-001	HB30-2BAN1 -UGN5M-001	HB30-1ADN1 -UGN5M-001	HB30-1BDN1 -UGN5M-001	HB30-2ADN1 -UGN5M-001	HB30-2BDN1 -UGN5M-001	HB30-1ATN1 -UGN5M-001	HB30-1BTN1 -UGN5M-001	HB30-2ATN1 -UGN5M-001	HB30-2BTN1 -UGN5M-001
LED Type/Qty	SMD2835	444	444	636	636	444	444	636	636	750	750	1152	1152
Lumen Efficacy	Lm/w	typ.140	typ.140	typ.140	typ.140	typ.160	typ.160	typ.160	typ.160	typ.180	typ.180	typ.180	typ.180
Luminous Flux	LM	typ.14000	typ.21000	typ.28000	typ.36600	typ.14000	typ.21000	typ.28000	typ.36600	typ.14000	typ.21000	typ.28000	typ.36600
Color Index	CRI(Ra)	Advance/Deluxe:Ra>80 , Top:Ra>70											
Color Temperature	TC(K)	WW:3000K, NW:4000K, PW:5000K, CW:6000K											
Beam Angle	Degree	110°											
Dimming Function	/	·Zigbee wireless control ·1-10V Dimming · Motion sensor ·Emergency ·DALI control ·Daylight sensor											
LED current	mA	Constant 60mA											
Input Voltage	V	AC100~277V/50Hz											
Working Voltage	V	Constant DC36~60V											
Housing material	/	Aluminum + PC											
Protection Class	IP	IP65/IK10											
Temperature	°C	Operation:-15°C~+50°C Storage:-25°C~+55°C											
Life Span	h	50,000 hours											
Switching Cycle before Failure	/	>100,000 times											
Warranty	/	5 years											

• ErP Technical Specification

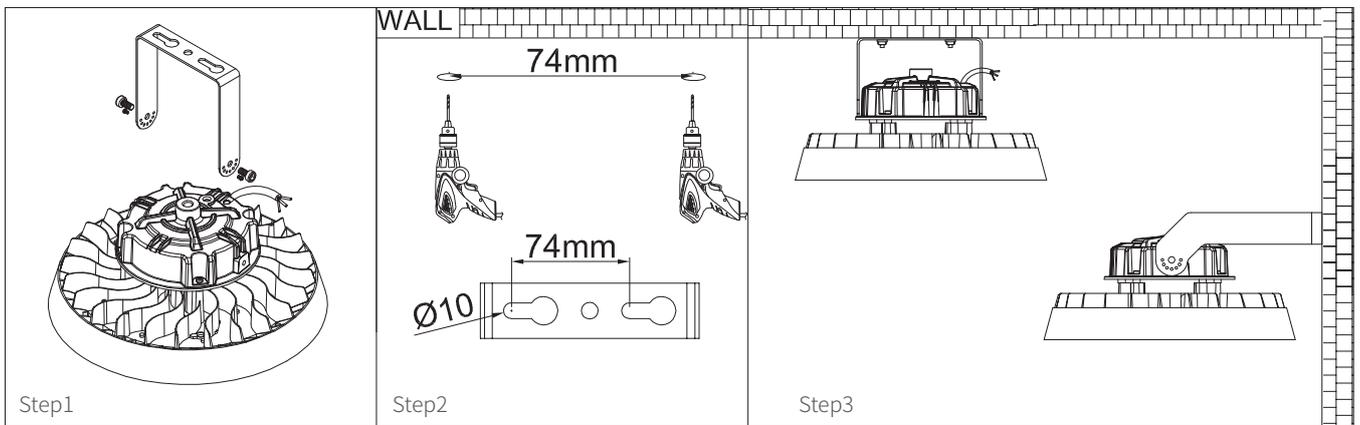| Item	Symbol	Specification / Data
Power factor	PF	>0.95
Efficiency in	%	>93%
Energy efficiency Class	/	A++
Standard deviation of color matching	/	<5
Starting Time	S	<0.2S
Warm-up time to 60%	S	<0.5S
Rated nominal Lifetime	/	>50,000 hours
Driver MTBF	/ /	200,000 hours.MIL-HDBK-217F(25°C)
Lumen Maintenance at e.o.l.	%	>70%
LED Device Lifetime	/	L80/B10@50,000 hours

100-277V 50/60Hz   1-10V Dimming   50000h   ON OFF >100000   80% ≤0.5S   Hg 0.0mg   IP 65   IK 10

• Installation Instructions

1.Hook mounted

WALL

Brown:L
Ground:
Blue:N

Step1

Step2

Step3

2.Bracket mounted

WALL

74mm

74mm

Ø10

Step1

Step2

Step3

3.Parts included

1).Standard Accessories		2).Optional Accessories			
1PCS	1PCS	1PCS	1PCS	1PCS	1PCS
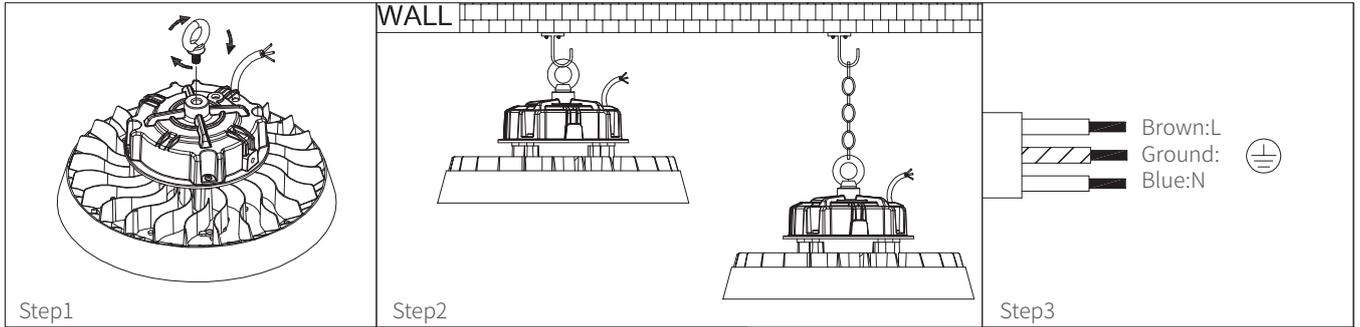
• Package

Product Type	Rated Power	Inner Box	Qty/Carton	Unit N.W	G.W/Carton
D300	100/150W	340 x 340 x 200 mm	1Pcs	4.1Kg	4.3Kg
D350	200/240W	390 x 390 x 205 mm	1Pcs	5.4Kg	5.6Kg

⚠ CAUTION

※ In case of electric shock, please make sure the power is off before installation.

※ The lamp should be installed and operated by a qualified electrician or technician in accordance with relevant local codes.

※ Do not use sharp tools near or on the surface of the lamp.

※ Unpack and examine the product carefully. Report any damage and save all packing materials if any portion of the product was damaged during transportation.