

Project:	
Type:	
Catalog #:	



Description

ELA Series is a cost-effective highbay light with combination of high performance, offering 140lm/w and 180lm/w high lumen output version. Two size heat sink support 100w 120w and 150w 200w separately. Its compact housing with light weight helps to save shipping cost and labor cost. Absolutely, the ELA with competitive price is your best choice for wholesale market.

Key Features

- Different light system efficiency to choose from 180lm/W, and 140lm/W
- Cost-effective solution
- IP65 & IK08
- Mounting options: Eye-bolt, ceiling mount/adjustable
- More compact size with light weight ensures lower shipping cost and fast installation.
- Aluminum and PC diffuser are available
- Microwave sensor is optional

Applications

- Warehouse
- Industrial Facility
- Exhibition Center
- Shopping Mall
- Gymnasium

Dimensions and Mount

Product Dimension	φ239x181mm (9.41x7.13")	φ271x182mm (10.67x7.17")	φ271x186mm (10.67x7.32")
Luminaire Net Weight	2.27±0.3kg (5±0.66Lbs)	2.81±0.3kg (6.20±0.66Lbs)	3.15±0.3kg (7±0.66Lbs)
Export Carton Size	264x264x220mm (10.39x10.39x8.66")	296x296x220mm (11.65x11.65x8.66")	
Gross Weight	2.85±0.3kg (6.28±0.66Lbs)	3.5±0.3kg (7.72±0.66Lbs)	3.84±0.3kg (8.47±0.66Lbs)
Mounting Option	Loop Hanging Ceiling Mounting		
Material	Aluminum Alloy Polycarbonate Optical Lens		
Finish	Powder Coating		
Fixture Color	Black		
EPA	NA		
IK Rating	IK08		
IP Rating	IP65		

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C (-22°F to 122°F)
	51000hrs-L90
Life Time of LED @Ta=25°C	107000hrs-L80 170000hrs-L70
Warranty	5 Years

New Features

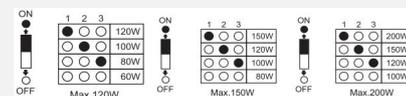
The power could be set to by the DIP switch from Lifud driver.

Example,

200W could be turned to 150/120/100W optional.

150W could be turned to 120/100/80W optional.

120W could be turned to 100/80/60W optional.



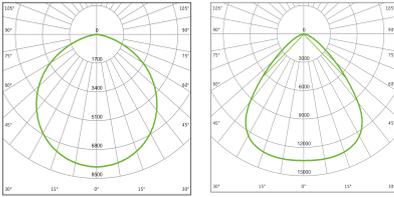
** Please consult us for details.*

ORDERING INFORMATION

Model	Wattage	CCT	Voltage	Mounting Options	Optic	Options and Accessories (Order Separately, LAST PAGE)
ELA	A = 100W B = 120W C = 150W D = 200W	S = 4000K I = 5000K	LV = 100-277V HV = 200-480V	H = Hook UB = Trunnion	H00112 = 90° H00B22 = 120° H00109 = 90° H00B21 = 120° H00110 = 60°	EM = Battery Backup

Photometry

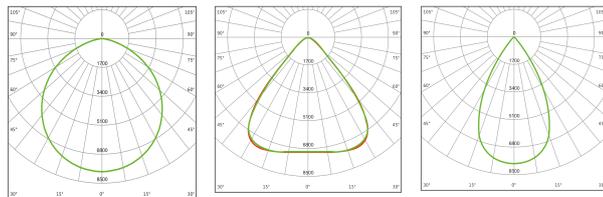
100W-120W



H00B22

H00112

150W-200W

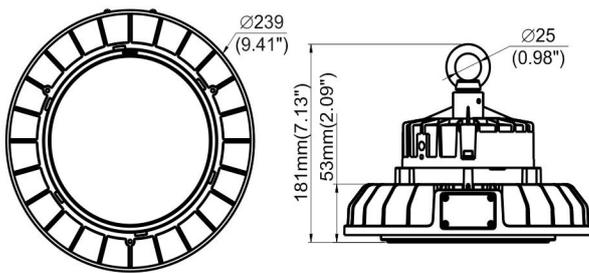


H00B21

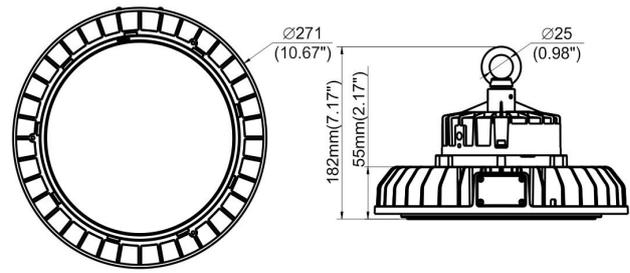
H00109

H00110

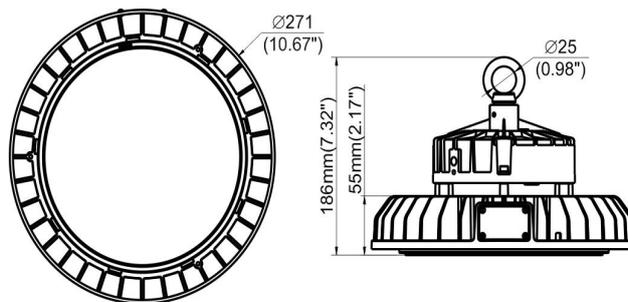
Dimensions



100W/120W



150W



200W

Optic Information

Power Consumption(±5%)	100W	120W	150W	200W
Luminous Flux (±10%)	14000lm	16800lm	21000lm	30000lm
Efficacy(@5000K Ra70)	140 LM/W			
Correlated Color Temperature	4000K, 5000K			
Color Rendering Index	Ra80			
Beam Angle	H00112, H00B22, H00109, H00B21, H00110			
UGR level	26			

Accessories



Aluminium reflectors
Anti glare effect, silver color.
For 100W and 120W
Code: H00D01



PC reflector
PC reflector with lid, for 100W
and 120W
Code: H00C03A+H00C03B



Ceiling mount bracket
NPT 3/4 pipe mounting bracket. SPCC materials
with outdoor powder coating, Non
adjustable.
Code: BC-H28-04a(100W, 120W, 150W)
Code: BC-H28-04b(200W)



Daylight sensor
1-10V DC input, IP20
rating, daylight
Harvesting function
Code: DLHF20.



PIR sensor
120-277Vac input,
IP65 rating, max
detect height is 15m.
Code: PIR65



Emergency Backup
40W 1.5 Hrs
(includes one pcs emergency
backup and one pcs junction
box for wiring)



Safety chain
304 stainless steel, available for 0.25m, 1m,
1.5m and 5m long.
Code: SC-H01-01a



Aluminium reflectors
Anti glare effect, silver color.
For 150W and 200W
Code: H00D05 (80°)



PC reflector
PC reflector
For 150W and 200W
Code: H00C13



±30° adjustable bracket
SPCC materials with
outdoor powder
coating
Code: BC-H28-02a(100W, 120W, 150W)
Code: BC-H28-02(200W)



Microwave motion sensor
10-15VDC, IP20,
max detect height
is 15m.
Code: MMS2015