

LED UFO DOB Economy



Characteristics

- Easy and quick installation
- Water proof fixture - high grade of protection IP65
- High energy savings compared to HID lamp luminaires
- Dedicated range of mounting accessories
- Compact housing optimized for heat dissipation and reduced dust accumulation
- High luminous efficiency of 100lm/W
- EU made product
- Quality in accordance to all EU standards and directives
- Energy efficiency class E

Typical application

Manufacturing plants
Warehouse lighting
Stations
Sport facilities

Electrical characteristics

Supply voltage	220-240VAC
Frequency	50/60Hz
Power factor	≥0.95

Protection

Ingress protection	IP65
IK rating	IK 07
Safety	Class I
Surge protection	L-N:2kV; L,N-GND: 4kV

Body characteristics

Material	Aluminum
Diffuser	Polycarbonate (PC)
Protector	Tempered glass
Beam angle	120°
Body color	RAL 9006, grey

Lighting characteristics

Efficiency	>100lm/W
Color rendering index (CRI)	>80
Color temperature(CCT)	3000K/4000K/5000K/6500K
Beam angle	120°
Flicker	Flicker free

Warranty conditions

Lifespan of the LEDs @ Ta 25°	L70B10 ≥30 000h
Warranty	3Y
Ambient temperature	-30~40°C
Storage temperature	-30~60°C

Approvals

CE

Standards

Harmonics	EN61000-3-2
Flicker & Fluctuations	EN61000-3-3
EMC Immunity	EN61547
Emission test	EN55015
Luminaires	EN60598-1
LED Luminaire performance	EN62722-2-1
Photobiological safety	EN62471

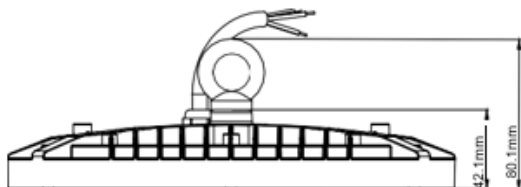
Model Type	Supply Voltage	Rated Power	Luminous Flux	Efficiency	CCT	CRI	Diameter (mm)	Height (mm)
LED UFO DOB Economy 100W	220-240VAC	100W	10 000lm	100lm/W	3000K/4000K/5000K/6500K	>80	240.3	80.1
LED UFO DOB Economy 150W	220-240VAC	150W	15 000lm	100lm/W	3000K/4000K/5000K/6500K	>80	281.8	81.4
LED UFO DOB Economy 200W	220-240VAC	200W	20 000lm	100lm/W	3000K/4000K/5000K/6500K	>80	327.8	81.3
LED UFO DOB Economy 300W	220-240VAC	300W	30 000lm	100lm/W	3000K/4000K/5000K/6500K	>80	381.2	84.7

Additional information:

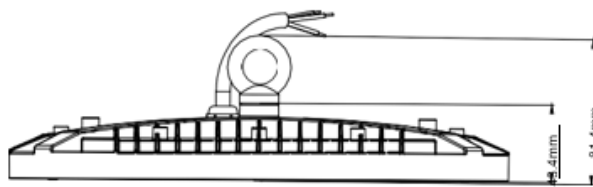
- The luminous flux is guaranteed at 25°C ambient temperature
- ELECTROSTART JSCo reserves the right to make changes to the products without prior notice, provided that product performance remains unaffected.

Schemes

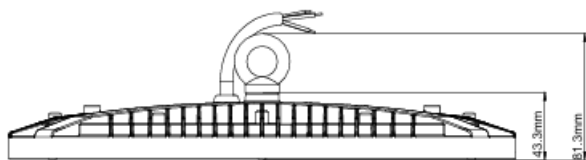
100W



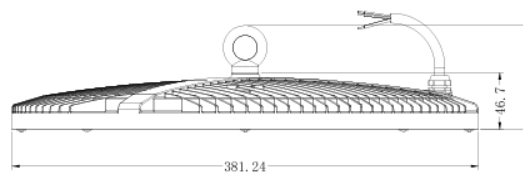
150W



200W



300W



Lighting Curves

