

LED UFO DOB Economy



Characteristics

- Easy and quick installation
- Water proof fixture - High grade of protection IP65
- High energy savings compared to luminaires that use HID lamps
- Dedicated range of mounting accessories
- Compact housing optimized for heat dissipation and reduced dust accumulation
- High luminous efficiency of up to 110 lm/W
- EU made product
- Quality in accordance to all EU standards and directive
- Energy efficiency class – E

Typical application

Manufacturing plants
Warehouse Lighting
Stations
Sport Facilities

Electrical characteristics

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

Protection

Body material Aluminium Color RAL 9006 Grey
Optic material Polycarbonate (PC)
Protector Tempered glass
Ingress protection IP65
IK Rating IK 07
Safety class Class I
Surge protection L-N:4kV; L,N-GND: 4kV

Standards

Harmonics (THD) EN 61000-3-2 Class C<20%
EMC Immunity EN 61547
Conducted Emission Test EN 55015
Luminaires EN 60598-1
LED Luminaire performance EN 62722-2-1
Photobiological safety EN 62471

Lighting characteristics

Efficiency >110 lm/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 -20~40°C
Storage temperature -30~60°C

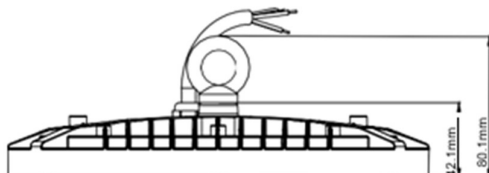
Approvals

CE

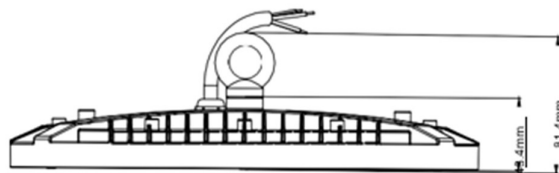
Product	Rated Power	VAC	Efficiency	CCT	Luminous Flux	CRI	Diameter (mm)	Height (mm)
Standard Models								
LED UFO DOB Economy 100W	100W	220-240VAC	110lm/W	3000K/4000K/5000K/6500K	11 000lm	>80	240.3	80.1
LED UFO DOB Economy 150W	150W	220-240VAC	110lm/W	3000K/4000K/5000K/6500K	16 500lm	>80	281.8	81.4
LED UFO DOB Economy 200W	200W	220-240VAC	110lm/W	3000K/4000K/5000K/6500K	22 000lm	>80	327.8	81.3
LED UFO DOB Economy 300W	300W	220-240VAC	110lm/W	3000K/4000K/5000K/6500K	33 000lm	>80	381.2	84.7

Schemes

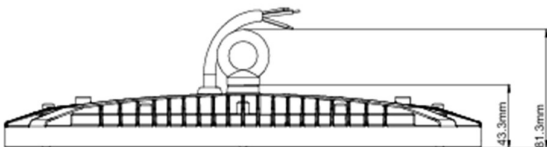
100W



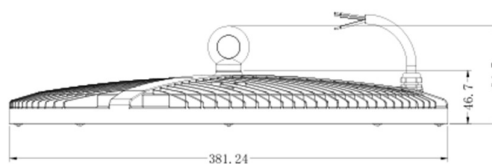
150W



200W



300W



Lighting Curves

