



Pan American
Professional Lighting Manufacturer



UFO-L SERIES LED LUMINAIRE

Datasheet-2026-07 EN



FEATURES AND SPECIFICATIONS

Construction

- ADC12 Die-Cast Aluminum Housing
- Colour: Light Grey (RAL9006)
- Coating Material: Weather-Resistant Resin
- Diffuser Material: PC
- Protection: IP66/IK09

Electrical

- AC230V Input Voltage; 50/60 Hz

Installation

- Bracket Installation

Applications Areas

- Ship Cargo Hold, Engine Room, Deck Working Area, Machinery Workshop, Storage Room

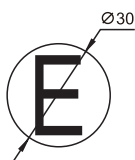
Warranty

- 5 Years Warranty
- L70B50: 100000h@25°C

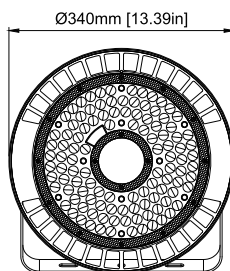


PRODUCT DIMENSIONS

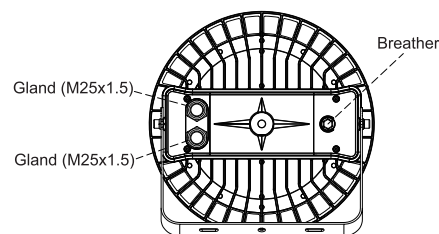
*E-marked luminaires are emergency lights, and this marking shall be displayed on luminaires.



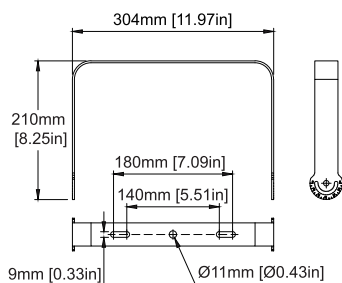
General Emergency Sign



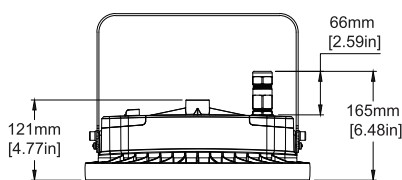
Bottom View



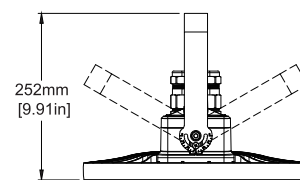
Top View



Bracket



Front View



Left Side View

TECHNICAL DATA

Electrical

Model NO.	U-60WL1N50D120	U-100WL1N50D60	U-100WL1N50D120
Rated Power	60W	100W	100W
Input Voltage	AC230V (50/60 Hz.)		
Power Factor	≥ 0.95		
Surge Protection	6kV		
Driver	Inventronics (IT 0-10 100/100-277/0A5/N E A12 OP)		

Optical

LED Chip	SMD2835		
Lumens Flux	10,200lm $\pm 5\%$	16,000lm $\pm 5\%$	16,000lm $\pm 5\%$
Distribution Curve	120°	60°	120°
CCT	5000K		
CRI	≥ 70		
UGR	UGR19@60°		

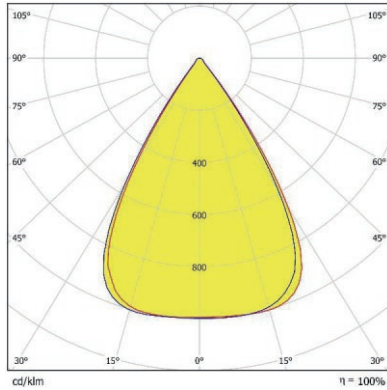
Mechanical

Installation	Bracket Mounting
Housing Material	ADC12 Die-Cast Aluminum
Product Dimensions	Ø340x121mm
Weight	3.4KG (Including Bracket)
Color	Light Grey (RAL9006)
IK Rating	IK09
IP Rating	IP66
AC Terminal Block	PA66 (6 Pin, 0.5-2.5mm ² /2.5-4.0mm ²)
Cable Entries	Ø10-18mm(M25x1.5); SS316L; Amoured
Note	All internal wiring of the luminaire adopts low-smoke zero-halogen (LSZH) cables.

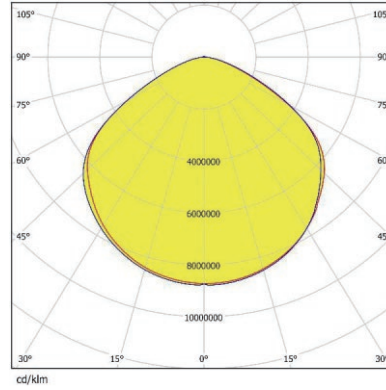
Certification

Certification	CE Mark
Warranty	5 Years
Working Temperature	-40°C to +50°C
Lifespan	L70B50: 100000h@25°C

LIGHT DISTRIBUTION CURV

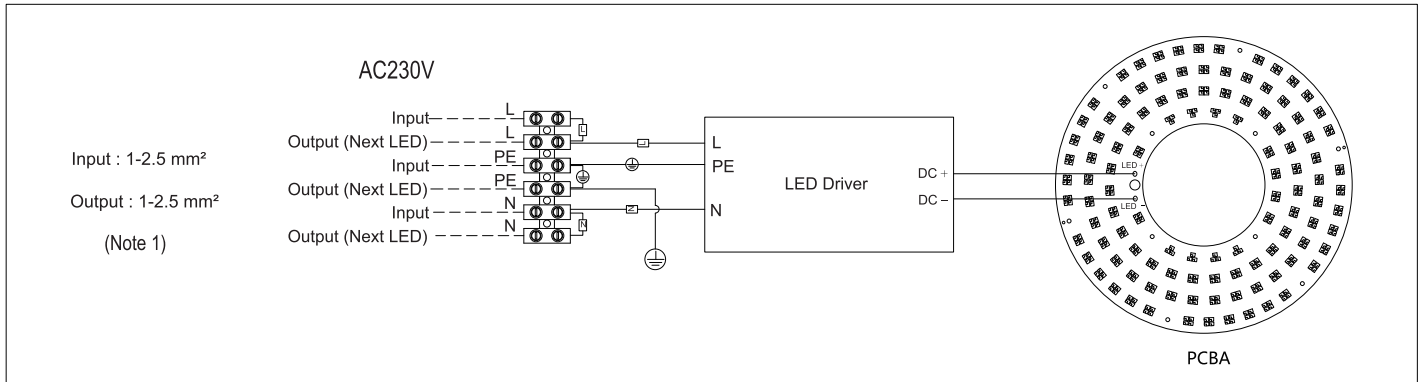


60 Degrees



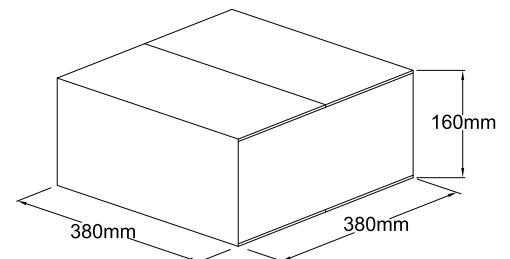
120 Degrees

WIRING DIAGRAM



PACKAGE INFORMATION

Model	Net Weight	Gross Weight	Package Size
UFO-L1	3.4kg/ 7.50lb	4kg/ 8.89lb	L380xW380xH160mm L14.96xW14.96xH6.30inch



ORDERING INFORMATION

Model: U-XXXWLnACCDYYY, For example: U-100WL1N50D120

U - XXXW Ln A CC D YYY

① ② ③ ④ ⑤ ⑥ ⑦

① PRODUCT NAME	② WATTAGE	③ MODEL NO.	④ Power adjustment	⑤ CCT	⑥ Dimming	⑦ Beam Angle
U=UFO Light	040=40W 050=50W 060=60W 080=80W 100=100W 150=150W 200=200W 240=240W	L1=Small size L2=Large size	N=Non-adjustable power. A=DIP switch adjustable power.	27=2700K 30=3000K 40=4000K 50=5000K 65=6500K	D=None dimming M=Dimming	60=60° 90=90° 120=120°

