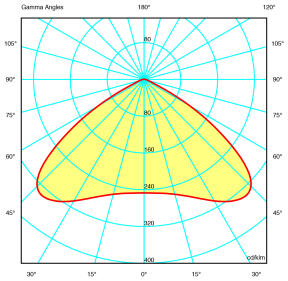
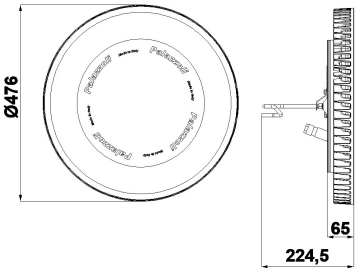
SERIES META HIGH-BAY 18LEDS GLASS DIFFUSER ROTOSYMMETRICAL WIDE BEAM OPTIC EMERGENCY IP66/IP67

SERIES META
HIGH BAY
CODE 810180







Datasheet

Lighting characteristics

Output flux	21,659 lm
Luminous flux (TJ=25°C)	26,460 lm
Luminaire power	199 W
Output efficiency	108.8 lm/W
Color temperature	4000K
Optics type	Anti aging and UV resistant PMMA Lenses with efficiency>90% and transparency >95%
Optics	Rotosymmetric wide 110°
CRI	>80
Color shift	4 MacAdam Step
Photobiological risk EN 62471	RG0 - Exempt Group
Flicker free	< 1%
Life time	L90 B10 @150.000h Tq=25°C
Emergency function	Battery kit, duration 1/3h recharge 24h
Emergency flux	770 lm

Mechanical characteristics

Manufacturing material	Aluminum alloy
Treatment type	Fluorozirconic passivation
Surface finishing	Atoxic, anti UV polyester paint oven polymerized
Colour	Grey RAL 7011
Diffuser type	Extraclear tempered glass 4 mm
IP Protection degree	IP66/IP67
Shock resistance	IK08 according to IEC/EN 62262
Corrosivity category	Equivalent to C3 (ISO 12944)
Mounting system	Quick hook for chain
Net Weight	9.96 KG
Working Environment Temp.	Min: -40°C ;Max: +40°C
Warehousing Temperature	Min: -40°C ;Max: +70°C
Exposed surface	-

Electrical characteristics

Insulation Class	I
Supply Voltage	220V-240V 50/60Hz
Control system/dimming	Dimming 1-10V
Surge protection	10kV common mode 6kV differential mode
Power factor	>0,95
Hole type	5 poles connector
Max conductor section	1.5 mm^2
Tightening diameter	Min 7 mm; Max 13 mm

Equipment Included	Suspension hook with kit em

Reference Standards and Directives

Warranty	2 years extendable to 7
Certification and approval marks	CE, UKCA, DIN 18032-3/EN 13964 (Annex D)
Directives	2009/125/EC (ERP), 2011/65/EU (RoHS), 2012/19/EU (WEEE), 2014/30/EU (EMC), 2014/35/EU (LVD), Reg. EU 2019/2020 (EcoDesign)
Reference Standards	EN 55015:2013, EN 60598-1:2015, EN 60598 -1:2015/A1:2018, EN 60598-1:2015/AC:2015, EN 60598-1:2015/AC:2016, EN 60598 -1:2015/AC:2017, EN 60598-2-1:1989, EN 60598-2-22:2014, EN 60598-2 -22:2014/A1:2020, EN 60598-2 -22:2014/AC:2015, EN 60598-2 -22:2014/AC:2016-05, EN 60598-2 -22:2014/AC:2016-09, EN 60598-2-5:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009, EN 62311:2008, EN 62471:2008, EN 62493:2015, EN IEC 63000:2018, IEC TR 62778:2014

reddot award winner

The images are purely indicative. The indicated values of luminous flux and declared power have tolerances of +/- 7%. Palazzoli reserves the right to make changes without notice.

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