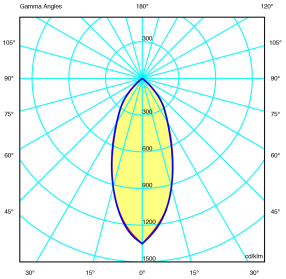
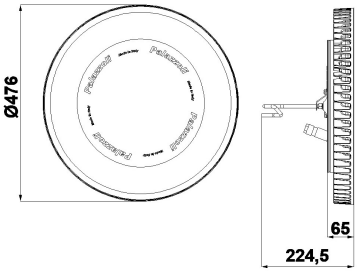
SERIES META HT +55 HIGH-BAY 12LEDS GLASS DIFFUSER ROTOSYMMETRICAL NARROW BEAM OPTIC IP66/IP67

SERIES META
HIGH BAY
CODE 810021HT







Model Code : META MT-S0-GL-55-12-V1-80-40-700-SN-000

Datasheet

Lighting characteristics

Output flux	10,854 lm
Luminous flux (TJ=25°C)	13,583 lm
Luminaire power	102 W
Output efficiency	106.4 lm/W
Color temperature	4000K
Optics type	Anti aging and UV resistant PMMA Lenses with efficiency>90% and transparency >95%
Optics	Rotosymmetric narrow comfort 41°
CRI	>80
Color shift	4 MacAdam Step
Photobiological risk EN 62471	RG0 - Exempt Group
Flicker free	< 1%
Life time	L80/B20 @110.000h Tq=-30°+40°C, L80/B20 @110.000h Tq=-30°+55°C
Emergency function	-
Emergency flux	-

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	8.74 KG
Working Environment Temp.	Min: -40°C ;Max: +55°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 + connector

Reference Standards and Directives

Warranty	2 years extendable to 7
Certification and approval marks	UKCA, CE, ENEC 05, 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 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 60598-2-24:2013, 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 55015:2019, EN IEC 55015:2019/A11:2020, EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, 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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