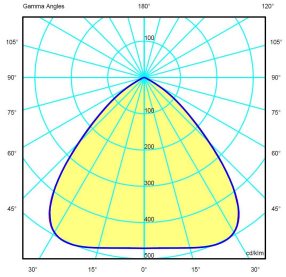
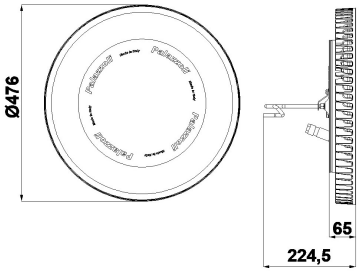
META150-EX HIGH BAY 140LED 112W GLASS DIFFUSER CONFORT WIDE BEAM OPTICS IP66 3G 2D

SERIES META-EX HIGH BAY

CODE 810450EX







Model Code : META150-EX S-TGL-3540-140-DA-80-40-600-WBC-PL20-000

Datasheet

Lighting characteristics

Output flux	16,576 lm
Luminous flux (TJ=25°C)	20,300 lm
Luminaire power	124.5 W
Output efficiency	148 lm/W
Color temperature	4000K
Optics type	PC Lens
Optics	Symmmetrical wide comfort 88°
CRI	>80
Color shift	3 MacAdam Step
Photobiological risk EN 62471	RG0 - Exempt Group
Flicker free	< 1%
Life time	L90/B10 @110.000h Tq=-30°+40°C, L90 B10 @230.000h Tq=25°C
Emergency function	Obtainable with UPS
Emergency flux	-

Electrical characteristics

Insulation Class	I
Supply Voltage	160-277 Vac | 160-250 Vdc 0/50/60Hz
Control system/dimming	DALI
Surge protection	8kV common mode 6kV differential mode
Power factor	>0,95
Hole type	M20
Max conductor section	2.5 mm^2
Tightening diameter	Min 7 mm; Max 13 mm
Equipment Included	Suspension hook, Suspension hook + connector

reddot award winner

Mechanical characteristics

Manufacturing material	Aluminum alloy
Treatment type	Fluorozirconic passivation
Surface finishing	Atoxic, anti UV polyester paint oven polymerized
Colour	Black RAL 9005
Diffuser type	Extraclear tempered glass 4 mm
IP Protection degree	IP66
Shock resistance	7J Body / 4J Glass (IEC 60079-0)
Corrosivity category	Equivalent to C4(M)/C3(H) (ISO 12944)
Mounting system	Quick hook for chain
Net Weight	8.94 KG
Working Environment Temp.	Tmin: -35°C ; Tmax1: +40°C ; Tmax2: +30°C
Warehousing Temperature	Tmin: -40°C ; Tmax: +70°C
Exposed surface	-

Atex characteristics

ATEX application zone	Zones 2-21-22
Dust Atex execution (Tmax1)	II 2D - Ex tb IIIC T85°C Db
Gas Atex execution (Tmax1)	II 3G - Ex ec mc IIC T5 Gc
Dust Atex execution (Tmax2)	II 2D - Ex tb IIIC T75°C Db
Gas Atex execution (Tmax2)	II 3G - Ex ec mc IIC T6 Gc

Reference Standards and Directives

Warranty	2 years extendable to 7
Certification and approval marks	CE, IECEx, EX
Directives	2011/65/EU (RoHS), 2012/19/EU (WEEE), 2014/30/EU (EMC), 2014/34/EU (ATEX)
Reference Standards	EN 60079-18:2015, EN 60079-18:2015/A1:2017, EN 60079-31:2014, EN 60079-7:2015, EN 60079 -7:2015/A1:2018, EN 60598-2-24:2013, EN 60598-2 -5:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009, EN IEC 55015:2019, EN IEC 55015:2019/A11:2020, EN IEC 60079-0:2018, EN IEC 60598-1:2021, EN IEC 60598-2-1:2021, EN IEC 60598-2-22:2022, EN IEC 63000:2018

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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