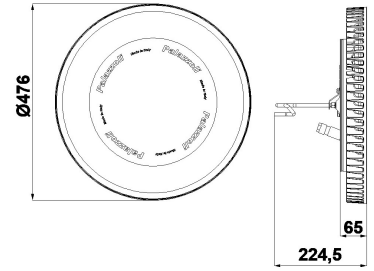
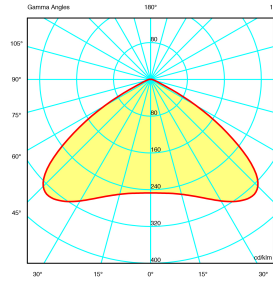




SERIES META-EX
HIGH BAY
CODE 810080EX



Model Code : META MT-SX-GL-40-18-V1-80-40-900-SW-000

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	L80/B20 @110.000h Tq=-30° +40°C
Emergency function	-
Emergency flux	-

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	Terminal block with cable gland M20
Max conductor section	2.5 mm ²
Tightening diameter	Min 10 mm; Max 14 mm
Equipment Included	Cable gland ATEX M20

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	9.31 KG
Working Environment Temp.	Tmin: -30°C ; Tmax1: +40°C ; Tmax2:
Warehousing Temperature	Tmin: -40°C ; Tmax: +70°C
Exposed surface	-

Atex characteristics

ATEX application zone	Zone 22
Dust Atex execution (Tmax1)	II 3D - Ex tc IIIC T100 °C Dc
Gas Atex execution (Tmax1)	-
Dust Atex execution (Tmax2)	II 3D -
Gas Atex execution (Tmax2)	-

Reference Standards and Directives

Warranty	2 years extendable to 7
Certification and approval marks	CE
Directives	2011/65/EU (RoHS), 2012/19/EU (WEEE), 2014/30/EU (EMC), 2014/34/EU (ATEX), 2014/35/EU (LVD)
Reference Standards	EN 55015:2013, EN 60079-0/A11:2013, EN 60079-0:2012, EN 60079-15:2010, EN 60079-31:2014, EN 60598-1:2015, 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.