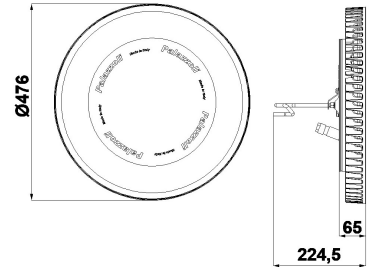
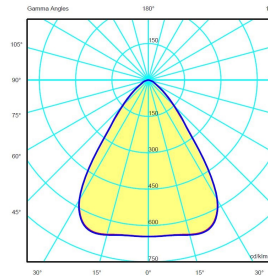




**SERIES META-EX  
HIGH BAY**  
**CODE 810461EX**



Model Code : META150-EX S-TGL-3540-168-DA-80-40-600-MBD-PL20-000



### Datasheet

#### Lighting characteristics

Output flux	19,564 lm
Luminous flux (Tj=25°C)	24,200 lm
Luminaire power	148 W
Output efficiency	146 lm/W
Color temperature	4000K
Optics type	PC Lens
Optics	Symmetrical medium beam 75°
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 <sup>2</sup>
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	9.31 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	IECEx, CE, 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 60598-2-2:2022, 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.