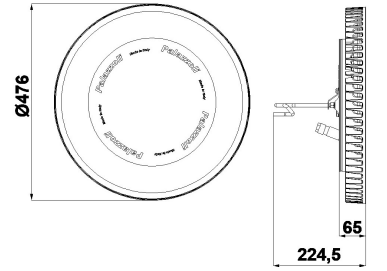
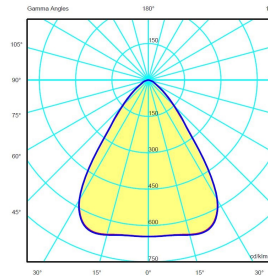




**SERIES META-EX
HIGH BAY**
CODE 810431EX



Model Code : META150-EX S-TGL-3550-084-00-80-40-500-MBD-PL20-000



Datasheet

Lighting characteristics

| | |
|-------------------------------|--------------------------------------------------------------|
| Output flux | 8,580 lm |
| Luminous flux (TJ=25°C) | 10,296 lm |
| Luminaire power | 61 W |
| Output efficiency | 143 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 | 220-240V 50/60Hz AC/DC 0/50/60Hz |
| Control system/dimming | Standard on-off |
| 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 + connector, Suspension hook



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 | 8.59 KG |
| Working Environment Temp. | Tmin: -35°C ; Tmax1: +50°C ; Tmax2: +40°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 T75°C Db |
| Gas Atex execution (Tmax1) | II 3G - Ex ec mc IIC T6 Gc |
| Dust Atex execution (Tmax2) | II 2D - Ex tb IIIC T65°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 60598-2-22:2022, 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.