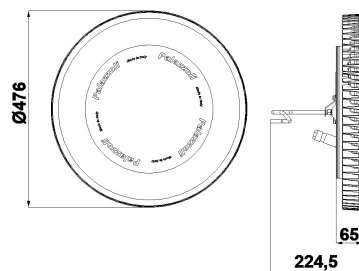
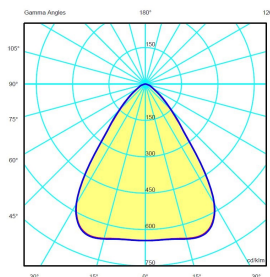




SERIES
HIGH BAY
CODE 810461EX



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



Datasheet

Lighting characteristics

| | |
|-------------------------------|---|
| Output flux | 19564 lm |
| Luminous flux (TJ=25°C) | 24200 lm |
| Luminaire power | 134W |
| Output efficiency | 146 lm/W |
| Color temperature | 4000 K |
| Optics type | PC Lens |
| Optics | Symmetrical medium beam 75° |
| CRI | CRI >= 80 (typical - tolerances according to EN62717) |
| Color shift | 3 MacAdam Step |
| Photobiological risk EN 62471 | RG0 - Exempt Group |
| Flicker free | < 1% |
| Life time | 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 |
| Conductor section max | 2,5 mm ² |
| Tightening diameter | Min 7 mm; Max 13 mm |

Mechanical characteristics

| | |
|---------------------------|--|
| Manufacturing material | Aluminium alloy (EN 46100) |
| Treatment type | Fluorozirconic passivation |
| Surface finishing | Atoxic, anti UV polyester paint oven polymerized |
| Colour | Black RAL 9005 |
| Diffuser type | Extraclear tempered glass 4 mm |
| 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. | Min: -35°C ;Max: +40°C |
| Warehousing Temperature | Min: -40°C ;Max: +70°C |
| Exposed surface | - |

Atex characteristics

| | |
|-----------------------|------------------------------|
| ATEX application zone | Zona/Zone 2, 21 and 22 |
| Dust ATEX execution | II 2D - Ex tb IIIC T85 °C Db |
| Gas ATEX execution | II 3G - Ex ec mc IIC T5 Gc |

Warranties, Reference Standards and Directives

| | |
|----------------------------------|--|
| Warranty | 2 years extendable to 7 |
| Certification and approval marks | EX, CE, IECEx |
| Directives | 2011/65/EU (RoHS), 2014/34/EU (ATEX), 2014/35/EU (LVD), 2012/19/EU (WEEE), 2014/30/EU (EMC) |
| Reference Standards | EN 60598-2-24:2013, EN 61547:2009, EN 60598-2-5:2015, EN 61000-3-3:2013, EN 60598-2-1:1989, EN 13964:2014 (Annex D), EN 62471:2008, EN 50581:2012, EN 60598-2-22:2014, EN 61000-3-2:2014, EN 63000:2018, EN 60598-1:2015, EN 55015:2013, EN 62311:2008, IEC TR 62778:2014, EN 62493:2015 |



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.