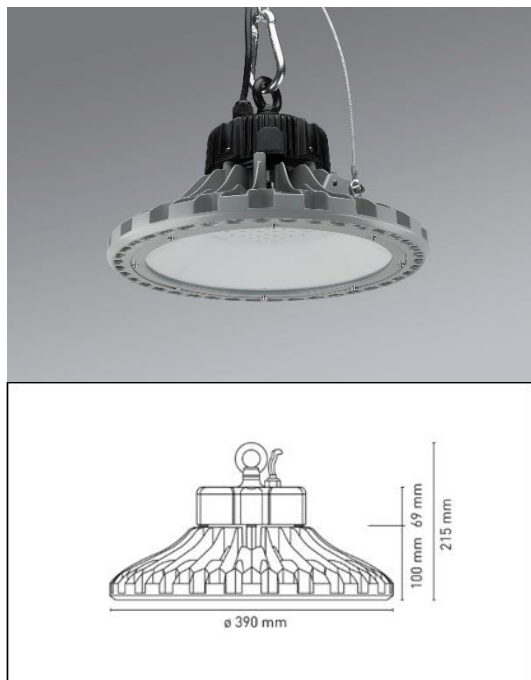


MGL 3510

MGL LICHT

HTS 150 HIGH-BAY LUMINAIRE CLEAR GLASS



SPECIFICATION TEXT

HTS150, LED high-bay luminaire, round, with NICHIA 30-30 SMD LED technology; suspended mounting incl. 3 m connecting cable and snap hook with steel cable as drop guard. Mounting of the luminaire on chain or rope (not included in delivery) via the centrally positioned eyebolt. Surface mounting on wall or ceiling by use of the mounting bracket (MGL0147 to be ordered separately). Luminaire dimensions: \varnothing 390mm, height: 215mm. Weight: 6.5kg. Housing for the optical system made of die-cast aluminium with integrated cooling ribs, powder-coated in grey (similar to RAL9006). Driver housing (on top of the optical system housing) made of die-cast aluminium in black. Driver: Meanwell, switchable 50/60 HZ. White reflector (in optical system housing) with wide beam light distribution of 120°. Optical system closed by clear safety glass. Fixed light head. Colour temperature 4000K – colour rendition CRI Ra>80, SDCM<4, luminaire luminous flux 16760 lm at 150W power consumption. System efficiency 112 lm/W. Permitted ambient temperature (ta): from -25°C to +45°C | Degree of protection IP65 | Impact resistance IK08. Electrical protection class I, Product service life: 50,000 h at 25° C | L80- B10. D mark | suitable for fire hazardous locations. ENEC certified. CE test mark.

Accessories: MGL0147 mounting bracket complete for wall or ceiling mounting; MGL0158 reflector for HTS100



PRODUCT FEATURES & TECHNICAL DATA

| | |
|------------------------|---|
| Application area | production sites, warehouses, sales areas, terminals |
| Luminaire type | LED High-Bay luminaire, round |
| Light head | fixed |
| Light source | NICHIA 30-30 SMD LED |
| Mounting | suspended surface mounted, see accessories |
| Luminaire optic | reflector white – clear safety glass as cover |
| Connected load | 150 W |
| Operating current | 0.78 A |
| Operating voltage | AC 230 V |
| Colour temperature | 4000 K |
| Rated luminous flux | 16760 lm |
| Light output ratio | 1 |
| Luminous efficiency | 112 lm/W |
| Colour rendition index | >80 |
| Colour tolerance | SDCM <4 |
| Luminaire colour | grey – similar to RAL9006 + black (driver) |
| Electrical design | switchable |
| Connection method | connection cable 3m (3x1mm ²) for on site connecting socket |
| Degree of protection | IP65 |
| Protection class | I |
| Impact resistance | IK 08 |
| Height | 215 mm |
| Outer diameter | 390 mm |
| Weight | 6.5 kg |

DRIVER INCLUDED 230V 50/60 HZ, SWITCHABLE

QUANTITY OF HIGH-BAY LUMINAIRES PER TYPE OF MINIATURE CIRCUIT BREAKER

| | Qty. of highbay luminaires per type of min. circuit breaker | | Inrush current ½ value time at typical mains impedance | |
|---------|---|------------------|--|-------------|
| | B16 pcs. max. | C16 pcs. max. | | |
| MGL3510 | 4 | 7 | 65 A | 425 μ S |

LIGHT DISTRIBUTION

| Distance | Light cone | Lx E _m |
|----------|-----------------------|-------------------|
| 1 m | 3.00 m \varnothing | 1770 Lx |
| 2 m | 6.00 m \varnothing | 430 Lx |
| 3 m | 9.00 m \varnothing | 190 Lx |
| 4 m | 12.00 m \varnothing | 110 Lx |
| 5 m | 15.00 m \varnothing | 70 Lx |

4000 K