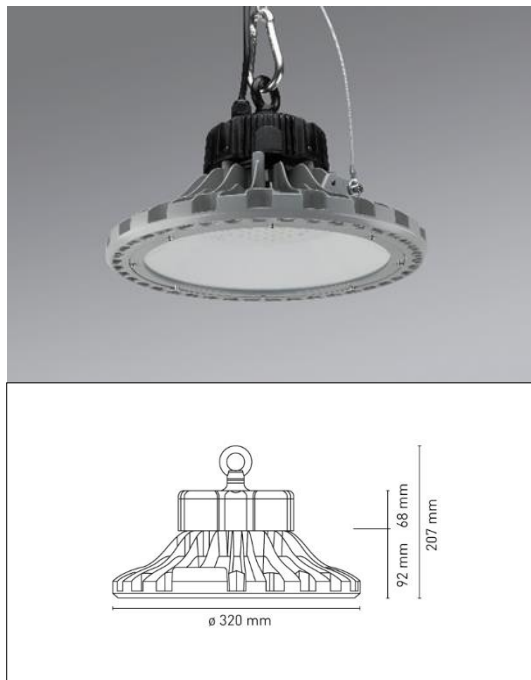


MGL 3509

MGL LICHT

HTS 100 HIGH-BAY LUMINAIRE OPAL GLASS



SPECIFICATION TEXT

HTS100, 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 320mm, height: 207mm. Weight: 4.2kg. 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 opal safety glass. Fixed light head. Colour temperature 4000K – colour rendition CRI Ra>80, colour tolerance SDCM<4, luminaire luminous flux 9420 lm at 100W power consumption. System efficiency 94 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 – opal safety glass as cover
Connected load	100 W
Operating current	0.5 A
Operating voltage	AC 230 V
Colour temperature	4000 K
Rated luminous flux	9420 lm
Light output ratio	1
Luminous efficiency	94 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	207 mm
Outer diameter	320 mm
Weight	4.2 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.		
MGL3509	4	8	60 A	415 μ S

LIGHT DISTRIBUTION

Distance	Light cone	Lx E _m
1 m	3.00 m \varnothing	892 Lx
2 m	6.00 m \varnothing	215 Lx
3 m	9.00 m \varnothing	96 Lx
4 m	12.00 m \varnothing	55 Lx
5 m	15.00 m \varnothing	37 Lx

4000 K