



■ greenius®

LED-HIGHBAY





Perfect thermal design and smooth surfaces



170 lm/Watt
< 19 UGR



UGR-SERIES LED-HighBay luminaire for customers with special requirements for maximum efficiency and low visual glare. UGR stands for Unified Glare Rating and provides low glare <19 UGR (according to CIE190 : 2010). IP65 protection rating, IK09. Very high system efficiency with true 170 lm/W, long life, low profile, excellent thermal management, smooth exterior surfaces Assault-resistant, shatterproof PC (polycarbonate) cover in compliance with International Featured Standard Food (IFS Food) requirements. SUSTAINABLE: All luminaire components are also available as spare parts - no throwing away the luminaire!

PRODUCT DATA

Power	100 Watt	120 Watt	150 Watt	200 Watt
Product dimensions	Ø400 mm x 162 mm			
Luminous flux	≤ 17,000 Lumen	≤ 20,400 Lumen	≤ 25,500 Lumen	≤ 34,000 Lumen
Efficiency	≤160 Lumen / Watt (CRI: 80 Ra) ≤170 Lumen / Watt (CRI: 70 Ra)			
Beam angle	65° 85° 120° / <19 UGR (Low Glare)			
LED Chip Brand type	SMALITE SMD2835			
Number of LEDs	352 pcs.	400 pcs.	488 pcs.	552 pcs.
LED Driver Type	SS-100VP-56XX	SS-150VP-56XX	SS-150VP-56XX	SS-200VP-56XX
Material: housing cover	Aluminum alloy PC (polycarbonate)			
Colour Rendering Index (CRI)	> 80 Ra > 70 Ra (optional)			
Useful life Failure rate	> 64,000 hrs. L80B10			
IP- and IK-Classification	IP65 IK8			
Options	DALI 2 1-10 V ZigBee Zhaga Sensor			
Ambient temperature (ta)	-30 °C to +60 °C			
Correlated Colour Temperature (CCT)	neutral white: 4K daylight white: 5K daylight+: 6K			
Deviation of the colour adjustment	SDCM < 5			
Certification (LED / Driver)	CE (LVD) CE (EMC) Rohs (2011/65/EC) UL DLC D-Mark ENEC ...			
Voltage	100 - 240 VAC 50/60 Hz			
Item number	HB100-UGR	HB120-UGR	HB150-UGR	HB200-UGR

LOGISTICS DATA

Product weight	5 - 5.5 kg
Packaging unit	1 pc.
Weight packing unit	6.3 - 6.8 kg
Dimensions packing unit	46 x 22 x 46 cm