



■ greenius®

LED-HIGHBAY





also available  
in white



Smooth surface  
for easy cleaning



Very robust LED Highbay for the (food) industry with special requirements: NSF-certified, IP69K protection class (withstands strict high-pressure and high-temperature washing procedures), IK10. Extremely high system efficiency with true 160 lm/W, long life, excellent thermal management. Smooth exterior, no exposed fasteners. Impact-resistant, shatterproof PC (polycarbonate) diffuser in accordance

## PRODUCT DATA

| Power                               | 100 Watt  | 120 Watt       | 150 Watt       | 200 Watt       |
|-------------------------------------|---|----------------|----------------|----------------|
| Product dimensions                  | Ø489 mm x 200 mm  |                |                |                |
| Luminous flux                       | ≤16,000 Lumen   | ≤ 19,200 Lumen | ≤ 24,000 Lumen | ≤ 32,000 Lumen |
| Efficiency                          | ≤160 Lumen / Watt   |                |                |                |
| Beam angle                          | 60°   90°   120°  |                |                |                |
| LED Chip Brand   type               | NICHIA   SMD3030  |                |                |                |
| Number of LEDs                      | 252 pcs.  | 336 pcs.       | 432 pcs.       | 528 pcs.       |
| LED Driver Brand   Type             | MEAN WELL MW HLG-120  |                | MW HLG-150     | MW HLG-240     |
| Material: housing   cover           | HPDC (Die-cast aluminium)   PC (Polycarbonate)   Tempered Glass               |                |                |                |
| Colour Rendering Index (CRI)        | > 73 Ra   > 80 Ra   |                |                |                |
| Useful life   Failure rate          | Tj 70°C   > 95.000 hrs.   L80B10  |                |                |                |
| IP- and IK-Classification           | IP66 / IP69K   IK10   |                |                |                |
| Options                             | DALI   1-10 V   |                |                |                |
| Ambient temperature (ta)            | -30 °C to +60 °C  |                |                |                |
| Correlated Colour Temperature (CCT) | neutral white: 4K   daylight: 5K   daylight+: 6K                              |                |                |                |
| Deviation of the colour adjustment  | SDCM <5   |                |                |                |
| Certification (LED / Driver)        | CE (LVD)   CE (EMC)   Rohs (2011/65/EC)   NSF   UL   DLC   D-Mark   TÜV   ... |                |                |                |
| Voltage                             | 100 - 240 VAC   50/60 Hz  |                |                |                |
| Item number                         | HB100-NSF   | HB120-NSF      | HB150-NSF      | HB200-NSF      |

## LOGISTICS DATA

|                         |                 |
|-------------------------|-----------------|
| Product weight          | 7.2 kg          |
| Packaging unit          | 1 pcs.          |
| Weight packing unit     | 9.3 kg          |
| Dimensions packing unit | 56 x 26 x 57 cm |