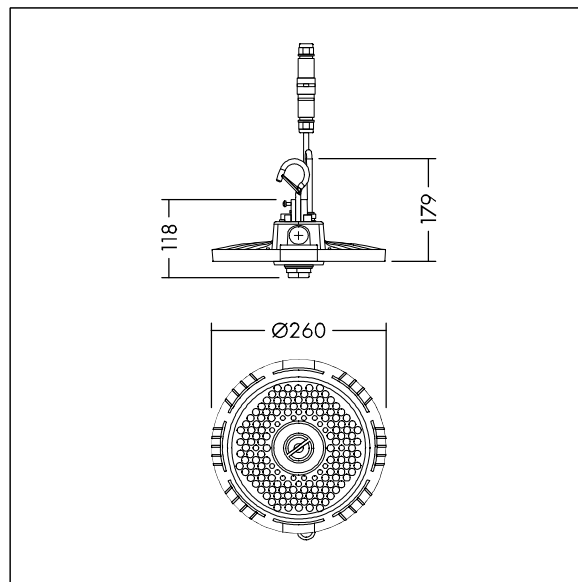


IP65 Highbay

BORIS ADVANCED LED highbay offers robust IP66 protection and a durable aluminium housing with integrated airflow cooling, ensuring reliable performance in demanding industrial environments. With a 90° beam angle and glare-controlled optics (UGR <28), it delivers homogeneous illumination. Total luminous flux: 20000 lm, Luminaire efficacy: 182 lm/W, CRI ≥ 80 and <5 SDCM colour consistency. The luminaire operates flicker-free, provides a lifetime of L80 at 50,000 hours, 6 kV surge protection and includes a pre-wired 3-pole quick connector. Multi-lumen functionality allows on-site selection between FLEX1: 20,000 lm (110 W, 182 lm/W) FLEX2: 15,000 lm (80W, 188 lm/W) and FLEX3: 10000 lm (52W, 192 lm/W). Optional accessories include a surface-mount stirrup, an interchangeable 30×110° rack-lighting lens, Plug&Play Emergency Kit, Sensors and reflector or refractor attachments for improved glare control (UGR <22). Certified according to CE, UKCA, ENEC, CCC, RCM and CB, with suitability for fire-prone environments (EN 60598-2-24) and photobiological safety per EN 6247. Warranty: 5 years. Dimensions: Ø260 x 179 mm, weight: 1.5 kg.



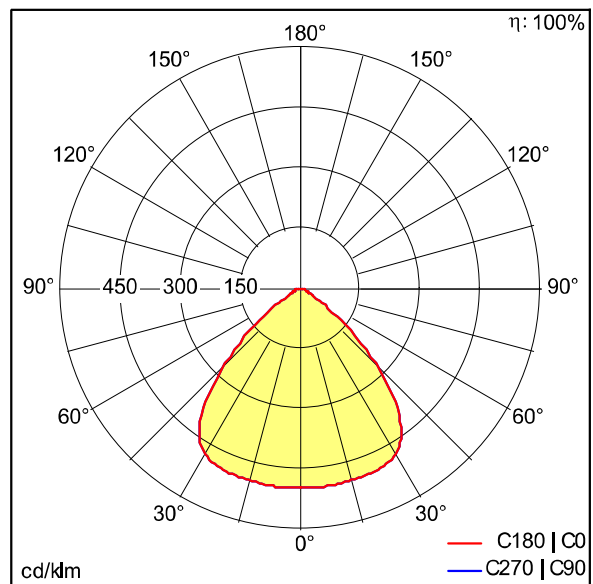
TE_BORISF2_F_L_ADVANCED_Pers_Lit.jpg



TE_BORISF2_M_S_ADVANCED_20000.wmf

Light Distribution

STD - standard



TE_BORIS_F2_ADV_S_20000_840_LD1_FLEX1.tdt

- Light Source: LED
- Luminaire luminous flux*: 20000 lm
- Total emergency luminous flux: 1100 lm
- Luminaire efficacy*: 182 lm/W
- Colour Rendering Index min.: 80
- Correlated colour temperature*: 4000 Kelvin
- Chromaticity tolerance (initial MacAdam): 5
- Rated median useful life*: L80 50000 h at 25 °C
- Ballast: 1x LED_Con
- Luminaire input power*: 110 W Power factor = 0.96
- Control: STEPS
- Maintenance category CIE 97: E - Dust-proof IP5X
- Total harmonic distortion (THD): 8.00 %

This product contains a light source of energy efficiency class C.

All values marked with an * are rated values. Connected electrical load, luminous flux and most similar colour temperature can initially be subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C.

