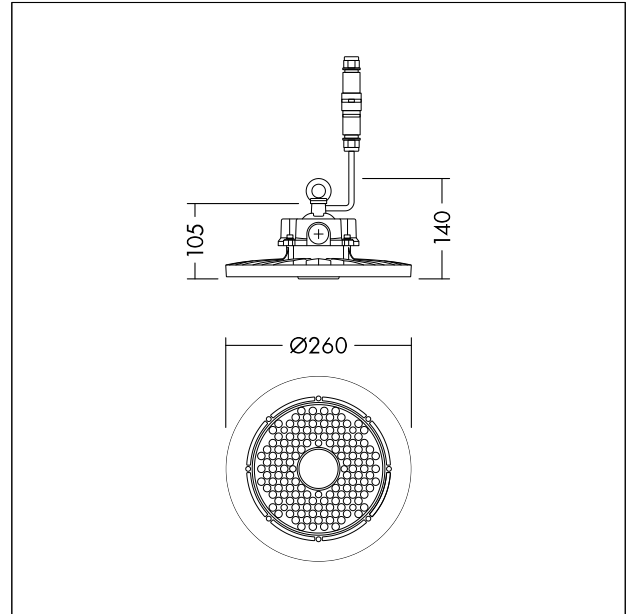


IP65 Highbay

BORIS ESSENTIAL LED highbay offers robust IP65 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: 160 lm/W, CRI ≥ 80 and <5 SDCM colour consistency. The luminaire operates flicker-free, provides a lifetime of L80 at 50,000 hours, and includes a 220–240 V driver with 6 kV surge protection and a pre-wired 3-pole quick connector. Multi-lumen functionality allows on-site selection between FLEX1: 20,000 lm (125 W, 160 lm/W) FLEX2: 15,000 lm (90 W, 167 lm/W) and FLEX3: 10000 lm (60W, 167 lm/W). Optional accessories include a surface-mount stirrup and reflector/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 62471. Warranty: 5 years. Dimensions: Ø260 x 140 mm, weight: 1.52 kg.



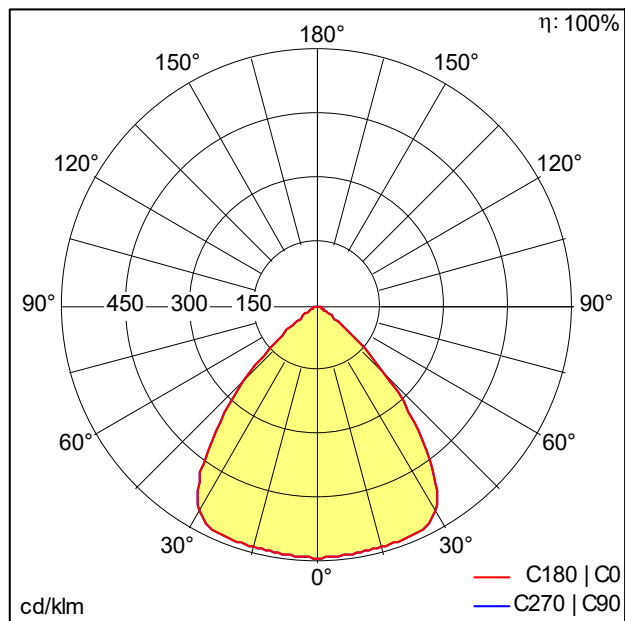
TE_BORISF2_F_S_ESSENTIAL_ANGLE_LIT.jpg



TE_BORISF2_M_S_ESSENTIAL.wmf

Light Distribution

STD - standard



TE_BORIS_FLEX2_ESSENTIAL_S_20K_840_FLEX1.ltd

- Light Source: LED
- Luminaire luminous flux*: 20000 lm
- Luminaire efficacy*: 160 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*: 125 W Power factor = 0.94
- Control: STEPS
- Maintenance category CIE 97: E - Dust-proof IP5X
- Total harmonic distortion (THD): 15.00 %

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.



IEC EN 60598-1 RG 1



UKCA



IP65



IK08



CE



EAC



CCC



850°C

T_a-30/+50