

Ballproof

Developed for sports spaces

Product description

Ballproof luminaire is designed to withstand demanding sports environments like gyms or sports halls. Rigorously tested and ball-proof, they offer worry-free illumination, eliminating the need for frequent replacements due to accidental damage. These versatile luminaires can be surface-mounted, with an adjustable holder or suspended. You can optimize light distribution for any space with four beam angle choices.

Crafted with a sleek, modern design and energy-efficient LED technology, Ballproof luminaires deliver exceptional lighting performance with an efficacy of up to 158 lm/W. This enhances visibility and reduces energy consumption, leading to significant cost savings.

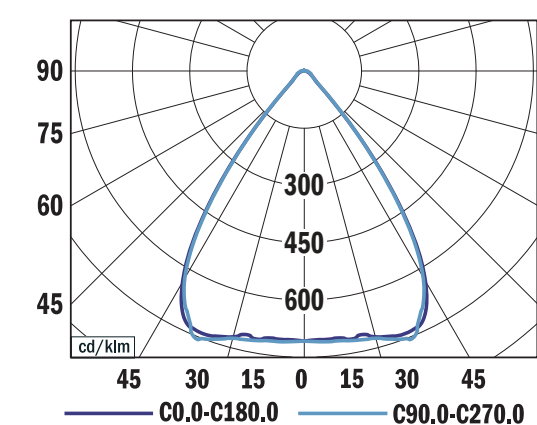
Technical features:

- Mounting: surfaced / suspended
- Optical system: lenses medium wide (LMW), lenses medium (LME), lenses corridor (LCO), lenses asymmetric (LAS)
- Beam angle: 75° (LMW), 45° (LME), 95° x 45° (LCO), asymmetric (LAS)
- Housing: sheet steel
- Lenses: PMMA
- Grid: steel bars
- Accessories: adjustable holder, chain suspension
- Chromacity: 3-step MacAdam
- Colour rendering index: min. 80
- Colour temperature: 4000K, on request 3000K
- Electronic control gear: FIX (ECG), DALI (EDA)
- On request: through wiring 5 x 2.5 mm²
- Service lifetime (Ta 25°C): 72,000 hours/L80/B10
- Ambient temperature: Ta = -25°C...+35°C
- Degree of protection: IP20, IK10, BALL-PROOF
- Dimensions: M 1360 x 265 x 75 mm, L 1660 x 265 x 75 mm

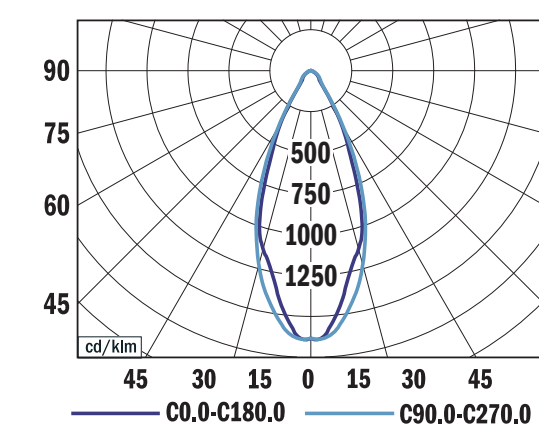
Note: The stated light output is valid for LMW.

TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	CRI	CCT (K)
BALPROOF M	9800	62	158	80+	4000
BALPROOF M	16,200	103	157	80+	4000
BALPROOF L	21,300	135	158	80+	4000
BALPROOF L	25,700	166	155	80+	4000

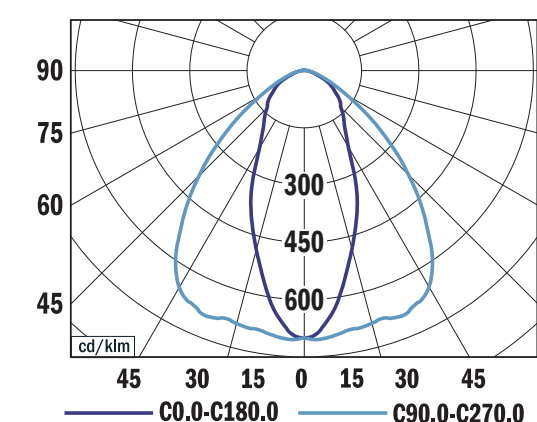
Photometry



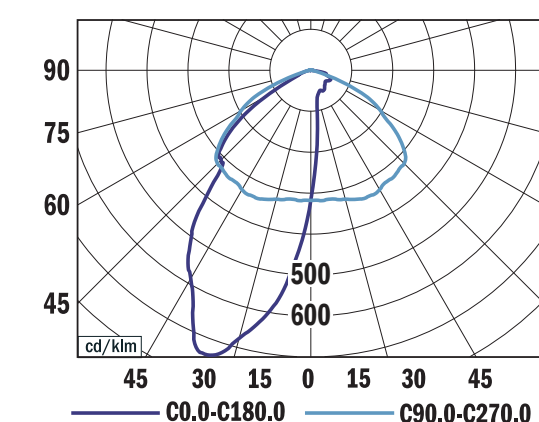
BALLPROOF M LMW, 16,200 lm 4000 K
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR < 19



BALLPROOF M LME, 16,100 lm 4000 K
LOR = 100% , UGR < 19

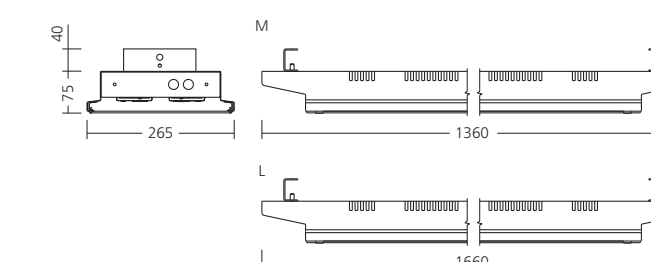


BALLPROOF M LCO, 15,850 lm 4000 K
LOR = 100% , UGR < 25



BALLPROOF M LAS, 16,200 lm 4000 K
LOR = 100%

Dimensions



Mounting

