

STREAMCUT

bollard surge protection
088-281251DA



Project / Type

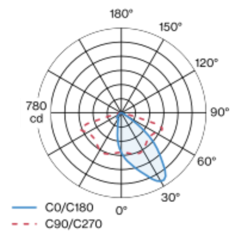
Notes

Count / Date

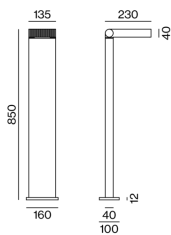


Bollard luminaire in aluminium in a simple, minimalist design; luminaire head with integrated cooling fins; can be swivelled plus/minus 90° and lockable every 30°; anodised surface and dark grey powder coated; partially printed safety glass, fixed with stainless steel screws; incl. high quality lens system; asymmetric radiation characteristic; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80; min. 95% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP65; with pressure equalisation valve; surge protection typ 2 with nominal discharge current 3 kA; PC1 220-240V; shock resistance IK07; ambient temperatures from -20°C to + 50°C; separate luminaire wiring compartment, suitable for through wiring; optional mounting on screw-on base or with anchorage unit (available as an accessory); accessories are listed separately; incl. converter, non dimmable; light source not replaceable; control gear replaceable by an authorized professional;

Light distribution



Product drawing



IP65

IK 07

220-240V

X-PERT

General

Floor , Standing

tilt max 180°

dark grey , RAL9007 ¹

IP65

IK07

1180 lm

LED

3000 K

CRI ≥ 80

L95 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.56

MDER 0.51

Optical

asymmetric

PstLM ≤ 1.0 ²

Electrical

non DIM

13.5 W

PC1 220-240V

87 lm/W

Physical

length 230 mm

width 135 mm

height 850 mm

4.5 kg

¹ RAL code ² Value of containing product at full load (undimmed)

Installation instructions



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF | 0.98 | 0.97 | 0.96 | 0.96 | 0.95 |
| LSF | 1 | 1 | 1 | 1 | 1 |
| MF | LMF × RSMF × LLMF × LSF | | RSMF ^a | Room Surface Maintenance Factor | |
| MF | Maintenance Factor | | LLMF | Lamp Lumens Maintenance Factor | |
| LMF ^a | Luminaire Maintenance Factor | | LSF | Lamp Survival Faktor | |

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 50 |
| B13 | 65 |
| B16 | 80 |
| B20 | 100 |
| C10 | 50 |
| C13 | 65 |
| C16 | 80 |
| C20 | 100 |

Mounting accessories

ANCHORAGE UNIT

| | |
|------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 84-32-590 | 088-2893110 |

