

# 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  $\leq 3$  SDCM; CRI  $\geq 80$ ; 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;

### General

Floor , Standing

tilt max 180°

dark grey , RAL9007 <sup>1</sup>

IP65

IK07

1180 lm

### LED

3000 K

CRI  $\geq 80$

L95 / 50000 h

initial MacAdam  $\leq 3$  SDCM

MR 0.56

MDER 0.51

### Optical

asymmetric

### Electrical

non DIM

system 13.5 W

PC1 220-240V

system 87 lm/W<sup>2</sup>

### Physical

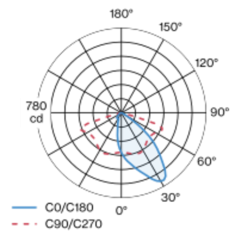
length 230 mm

width 135 mm

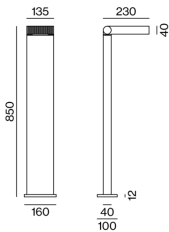
height 850 mm

4.5 kg

### Light distribution



### Product drawing



<sup>1</sup> RAL code  
<sup>2</sup> incl. optical losses and the efficiency of the operating device (converter)

### 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 <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

<sup>a</sup> 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

