

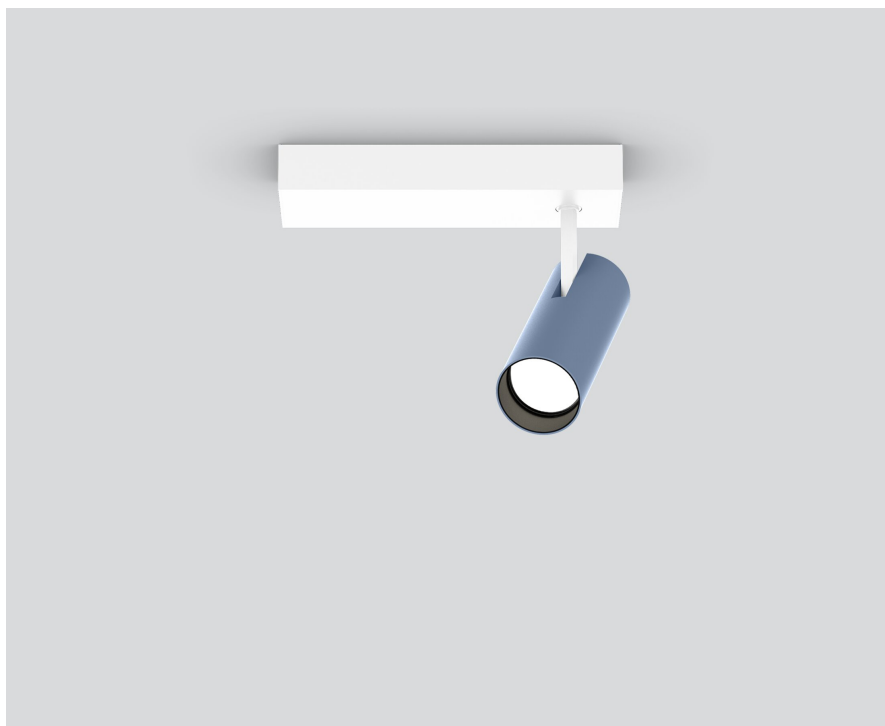
049-633043XV



Project / Type

Notes

Count / Date



Ceiling | Track

tilt max 90°

rotation 350°

special colour

IP20

406

400 mm

2700 K

 $\text{CRI} \geq .9$

185 / 500

initial MacAdam

P : 99 | P₀ : 91 | P_{0.0001} : 89

MR 0.51 | MDER 0.10

MR 0.54 | MDER 0.49

super spot | beam angle 8°

$$\text{PstLM} \leq 1.0^{-1} \mid \text{SVM} \leq 0.4^{-1}$$

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 92 W

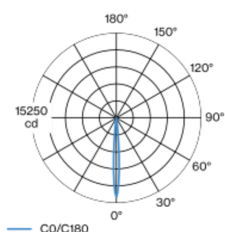
system 44 lm/W²

length 180 mm | width 55 mm | height 163 mm

0.5 kg

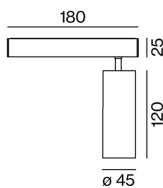
² incl. consideration of optical losses, internal control unit losses
& operating device efficiency

Product drawing



super spot 8°

h (m)	E0° (lx)	ø (m)
1	14200	0.14
2	3500	0.28
3	1600	0.41
4	900	0.55
5	600	0.69



Installation instructions



Lighting calculator



BO 45 base surface 1 lamp

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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.97	0.94	0.91	0.88	0.85
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 Factor	

^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	31
B13	48
B16	60
B20	62
B25	78
C10	52
C13	81
C16	85
C20	104
C25	130

Optical accessories

HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	42	007-1965188



Optical accessories

OVAL LENS

Ø (MM)	ARTICLE NUMBER(S)
42	007-1965880



SOFT LENS

Ø (MM)	ARTICLE NUMBER(S)
42	007-1965980



WALLWASHER LENS

Ø (MM)	ARTICLE NUMBER(S)
42	007-1965780

