

BO 45 surface

049-6230718V 002-90726



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Track _____
tilt max 90° _____
rotation 350° _____
black , RAL9005 ¹ _____
IP20 _____
346 lm _____

LED

3500 K _____
CRI ≥ 90 _____
L85 / 50000 h _____
initial MacAdam ≤ 3 SDCM _____
R_g: 97 , R_f: 90 , R_{f(1-15)}: 87 _____
MR 0.68 _____
MDER 0.62 _____

Optical

super spot _____
beam angle 8° _____
PstLM ≤ 1.0 ² _____
SVM ≤ 0.4 ² _____

Electrical

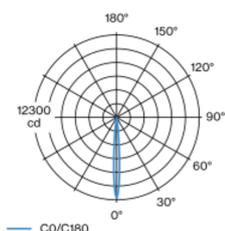
non DIM _____
9.2 W _____
PC2 220-240V _____
38 lm/W _____

Physical

diameter 45 mm _____
height 155 mm _____
0.35 kg _____

Cylindrical spotlight in aluminium; surface black powder coated; 350° rotatable and 90° tiltable; with surface mounted housing; passive cooling of the LEDs through improved heat sink geometry; with high power LED for maximum efficiency; no appearance of multiple shadows; light colour 3500 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 8° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2 220-240V; incl. converter, non dimmable; external converter for ceiling insertion, through-wiring suitable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

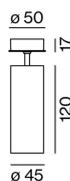
Light distribution



super spot 8°

h (m)	E0° (lx)	ø (m)
1	12100	0.14
2	3000	0.28
3	1300	0.41
4	800	0.55
5	500	0.69

Product drawing



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

Installation instructions



Lighting calculator



[049-6230718V 002-90726] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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