



Project / Type _____

Notes _____

Count / Date _____



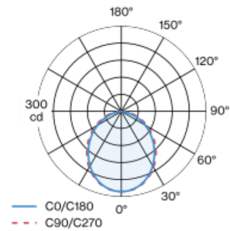
General	
Showcase , Standing	_____
rotation 360°	_____
black , RAL9021 ¹	_____
1250 lm/m	_____
IP20	_____
Interior	_____
714 lm	_____

LED	
4000 K	_____
CRI ≥ 97	_____
L85 / 50000 h	_____
photobio. safety RG 1 - low Risk	_____
initial MacAdam ≤ 3 SDCM	_____
R _g : 100 , R _f : 96 , R _{f(1-15)} : 98	_____
MR 0.86	_____
MDER 0.78	_____

Optical	
Opal	_____
opal (lambertsch)	_____

Miniature rectangular lamp made of aluminium; angular design; surface lacquered in black; plug and play electrical connector system for toolless mounting; different mechanical and electrical poles available - for flexible system design (available as an accessory); completely homogeneously illuminated, satinised PMMA cover; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 97; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; light inset rotatable; degree of protection IP20; PC3 24V; photobiological safety according to IEC 62471 risk group RG 1 - low Risk; accessories are listed separately; light source replaceable by an authorized professional;

Light distribution



Product drawing



Electrical	
excl. driver	_____
24 V	_____
system 11.6 W	_____
PC3 24V	_____
inset 80 lm/W ²	_____
20 W/m	_____
24 V	_____

Physical	
length 600 mm	_____
width 9 mm	_____
height 9 mm	_____

¹ RAL code ² incl. optical losses

Installation instructions





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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.979	0.955	0.931	0.908	0.885
LSF	1	1	1	1	1

MF

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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.

Mounting accessories

MOUNTING POLE T

TYPE	COLOUR	ARTICLE NUMBER(S)
mechanical / electrical 180	white aluminium	011-9122126
mechanical / electrical 180	black	011-9122128
mechanical / electrical 200	white aluminium	011-9122226
mechanical / electrical 200	black	011-9122228
mechanical / electrical 300	white aluminium	011-9122326
mechanical / electrical 300	black	011-9122328

