



Project / Type

Notes

Count / Date



General

Showcase , Standing

rotation 360°

white aluminium , RAL9006 ¹

IP20

Interior

330 lm

LED

3000 K

CRI ≥ 95

L85 / 50000 h

photobio. safety RG 1 - low Risk

initial MacAdam ≤ 3 SDCM

R_g: 102 , R_r: 94 , R₍₁₋₁₅₎: 95

MR 0.61

MDER 0.55

Optical

medium

beam angle 30°

Electrical

excl. driver

24 V

system 4.2 W

PC3 24V

inset 106 lm/W²

Physical

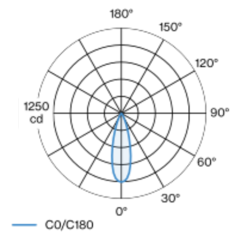
length 400 mm

width 11 mm

height 29 mm

¹ RAL code ² incl. optical losses

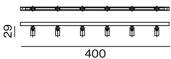
Light distribution



medium 30°

h (m)	EO° (lx)	ø (m)
1	1000	0.54
2	250	1.07
3	110	1.61
4	60	2.15
5	40	2.68

Product drawing



Installation instructions





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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.983	0.957	0.931	0.906	0.881
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.