



WEVER & DUCRÉ
LIGHTING

RAY

WALL OUTDOOR 4.0

749248B5

Project

Type

Notes

Quantity

Date

GENERAL

Wall , Surface
 Black Matt
 RAL 9011^a
 IP65
 Exterior
 Indirect 690 lm
 Direct 690 lm
 Total 1380 lm
 CIE flux code: 71 92 98 50 100

LED

3000 K
 CRI ≥ 90
 L80 / 60000 h
 3 SDCM

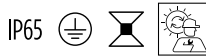
ELECTRICAL

phase-cut dim
 220 - 240 V
 Total connected power 21.0 W
 Class 1

PHYSICAL

Diameter 150 mm
 Height 160 mm
 0.53 kg

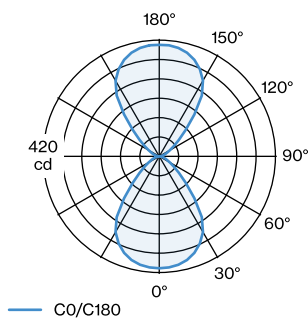
^a Color may deviate slightly due to production conditions.



Cylindrical wall surface mounted luminaire made from aluminium; surface Black Matt; powder coated; matt texture; RAL 9011; direct/indirect light distribution; PCB 3-step binning; phase-cut dim; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; 220 - 240 V; degree of protection IP65; PCI; inclusive flaps for adjustable beam angle; light source replaceable by an authorized professional;



LIGHT DISTRIBUTION





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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.92	0.89	0.86
LSF	1	1	1	1	1

MF	$LMF \times RSMF \times LLMF \times LSF$	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.