



PROJECT

TYPE

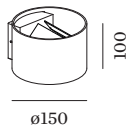
NOTES

QUANTITY

DATE



Cylindrical wall surface mounted luminaire made from aluminium; surface Black Matt; powder coated; matt texture; RAL 9005; 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 IP20; Class 1; driver included; inclusive flaps for adjustable beam angle;



GENERAL

Wall
Surface
Black Matt
RAL 9005 ^a
IP20
Interior
total 440 lm

LED

3000 K
CRI ≥ 90
initial MacAdam ≤ 3 SDCM

OPTICAL

Variable

ELECTRICAL

phase-cut dim
220 - 240 V
system 6.0 W
Class 1

PHYSICAL

diameter 150 mm
height 100 mm
0.69 kg

^a Colour may deviate slightly due to production conditions.



Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.98	0.95	0.93	0.91	0.9
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 Factor

^aAccording to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.