



PROJECT _____

TYPE _____

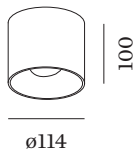
NOTES _____

QUANTITY _____

DATE _____



Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface Black Matt; powder coated; matt texture; RAL 9005; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80 ; 220 - 240 V; degree of protection IP65; Class 1; optional single inner cover available;



GENERAL

Ceiling _____

Surface _____

Black Matt _____

RAL 9005 ^a _____

IP65 _____

Exterior _____

525 lm _____

CIE flux code: 95 100 100 100 _____

LED

2700 K _____

CRI ≥ 80 _____

L70 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

OPTICAL

Standard _____

beam angle 32° _____

ELECTRICAL

phase-cut dim _____

220 - 240 V _____

system 7.9 W _____

Class 1 _____

PHYSICAL

diameter 114 mm _____

height 100 mm _____

0.63 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	0.95	0.9	0.85	0.8	0.76
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.