



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 1800 K - 2850 K colour warm dimming; binning initial MacAdam ≤ 4 SDCM; CRI ≥ 95 ; 220 - 240 V; degree of protection IP20; Class 1; UGR ≤ 13 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500$ cd/m²; optional single inner cover available;

GENERAL

Ceiling
 Surface
 Black Matt
 RAL 9005 ^a
 IP20
 Interior
 375 lm
 CIE flux code: 95 100 100 100
 100

LED

colour warm dimming
 1800 K - 2850 K
 CRI ≥ 95
 L70 / 50000 h
 initial MacAdam ≤ 4 SDCM

OPTICAL

Standard
 beam angle 21°

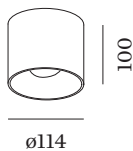
ELECTRICAL

phase-cut dim
 220 - 240 V
 system 7.9 W
 Class 1

PHYSICAL

diameter 114 mm
 height 100 mm
 0.7 kg

^a Colour may deviate slightly due to production conditions.



[146764B9] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of Wever & Ducré BV apply.



Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0	0	0	0	0
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.

OPTICAL ACCESSORIES

Single Inner Cover

Type	Colour	Ø·H (MM)	Item number
RAY max. 10W	Black	67·54	911041B1
RAY max. 10W	Gold	67·54	911041G1
RAY max. 10W	Champagne	67·54	911041M1
RAY max. 10W	White	67·54	911041W1