



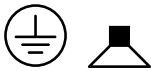
**PROJECT** \_\_\_\_\_

**TYPE** \_\_\_\_\_

**NOTES** \_\_\_\_\_

**QUANTITY** \_\_\_\_\_

**DATE** \_\_\_\_\_



Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface White Matt; powder coated; matt texture; RAL 9003; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; 220 - 240 V; degree of protection IP20; Class 1; UGR  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 1500 \text{ cd/m}^2$ ; optional single inner cover available;

**GENERAL**

Ceiling \_\_\_\_\_

Surface \_\_\_\_\_

White Matt \_\_\_\_\_

RAL 9003 <sup>a</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

Interior \_\_\_\_\_

560 lm \_\_\_\_\_

CIE flux code: 95 99 100 100 \_\_\_\_\_

100 \_\_\_\_\_

**LED**

3000 K \_\_\_\_\_

CRI  $\geq 80$  \_\_\_\_\_

L70 / 50000 h \_\_\_\_\_

initial MacAdam  $\leq 3$  SDCM \_\_\_\_\_

**OPTICAL**

Standard \_\_\_\_\_

beam angle  $21^\circ$  \_\_\_\_\_

**ELECTRICAL**

phase-cut dim \_\_\_\_\_

220 - 240 V \_\_\_\_\_

system 7.9 W \_\_\_\_\_

Class 1 \_\_\_\_\_

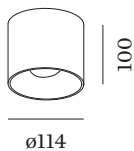
**PHYSICAL**

diameter 114 mm \_\_\_\_\_

height 100 mm \_\_\_\_\_

0.7 kg \_\_\_\_\_

<sup>a</sup> Colour may deviate slightly due to production conditions.



[146764W4] 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	0.95	0.9	0.85	0.8	0.76
LSF	1	1	1	1	1

MF	$LMF \times RSMF \times LLMF \times LSF$	RSMF <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

<sup>a</sup>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.

**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