



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

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

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

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

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



**GENERAL**

Ceiling \_\_\_\_\_  
 Surface \_\_\_\_\_  
 White Matt \_\_\_\_\_  
 RAL 9003 <sup>a</sup> \_\_\_\_\_  
 IP65 \_\_\_\_\_  
 Exterior \_\_\_\_\_  
 385 lm \_\_\_\_\_  
 CIE flux code: 95 99 100 100 \_\_\_\_\_  
 100 \_\_\_\_\_

**LED**

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

**OPTICAL**

Standard \_\_\_\_\_  
 beam angle 32° \_\_\_\_\_

**ELECTRICAL**

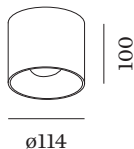
phase-cut dim \_\_\_\_\_  
 220 - 240 V \_\_\_\_\_  
 system 7.9 W \_\_\_\_\_  
 Class 1 \_\_\_\_\_

**PHYSICAL**

diameter 114 mm \_\_\_\_\_  
 height 100 mm \_\_\_\_\_  
 0.63 kg \_\_\_\_\_



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 1800 K - 2850 K colour warm dimming; binning initial MacAdam ≤ 4 SDCM; CRI ≥ 95; 220 - 240 V; degree of protection IP65; Class 1; optional single inner cover available;



<sup>a</sup> 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	0	0	0	0
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.