



PROJECT

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TYPE

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NOTES

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QUANTITY

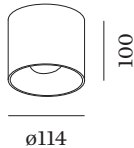
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DATE

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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  $\leq 4$  SDCM; CRI  $\geq 95$ ; 220 - 240 V; degree of protection IP65; Class 1; optional single inner cover available;



**GENERAL**

Ceiling \_\_\_\_\_  
Surface \_\_\_\_\_  
Black Matt \_\_\_\_\_  
RAL 9005 <sup>a</sup> \_\_\_\_\_  
IP65 \_\_\_\_\_  
Exterior \_\_\_\_\_  
375 lm \_\_\_\_\_  
CIE flux code: 95 100 100 100 \_\_\_\_\_  
100 \_\_\_\_\_

**LED**

colour warm dimming \_\_\_\_\_  
1800 K - 2850 K \_\_\_\_\_  
CRI  $\geq 95$  \_\_\_\_\_  
L70 / 50000 h \_\_\_\_\_  
initial MacAdam  $\leq 4$  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 \_\_\_\_\_

<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.