



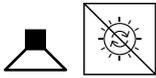
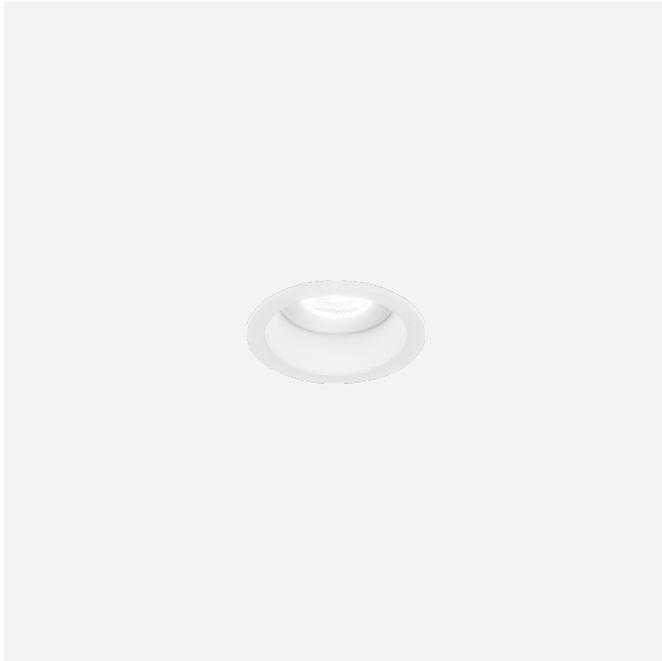
**PROJECT** \_\_\_\_\_

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

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

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

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



Round ceiling recessed downlight made from die-cast aluminium; with trim; surface White Matt; powder coated, matt texture; RAL 9010; installation without tools using wire springs; suitable for ceiling thickness of 4-25 mm; recessed depth 68 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K;  $\leq 2$  SDCM (initial MacAdam); CRI  $\geq 90$ ; beam angle 32°; degree of protection IP44; Class 3; IC rated; driver not included; light source not replaceable;



**LUMINAIRE**

Ceiling \_\_\_\_\_  
 Recessed \_\_\_\_\_  
 White Matt \_\_\_\_\_  
 RAL 9010 <sup>a</sup> \_\_\_\_\_  
 front IP44 \_\_\_\_\_  
 back IP20 \_\_\_\_\_  
 IC rated \_\_\_\_\_  
 Interior \_\_\_\_\_  
 355 lm \_\_\_\_\_

**LED Module**

2700 K \_\_\_\_\_  
 CRI  $\geq 90$  \_\_\_\_\_  
 L80 / 90000 h \_\_\_\_\_  
 $\leq 2$  SDCM (initial MacAdam) \_\_\_\_\_

**Optical**

Medium (standard) \_\_\_\_\_  
 beam angle 32° \_\_\_\_\_  
 CIE flux code: 95 99 100 100 \_\_\_\_\_  
 100 \_\_\_\_\_

**Electrical**

excl. driver \_\_\_\_\_  
 17 V \_\_\_\_\_  
 Class III \_\_\_\_\_  
 Standard \_\_\_\_\_

**Physical**

diameter 45 mm \_\_\_\_\_  
 height 42 mm \_\_\_\_\_  
 0.06 kg \_\_\_\_\_  
 wire springs \_\_\_\_\_

**Cutout**

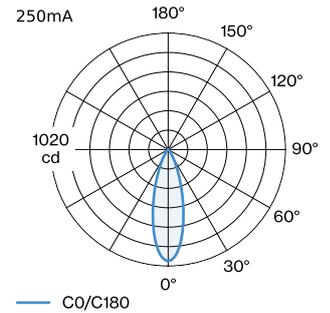
diameter 40-41 mm \_\_\_\_\_  
 min. ceiling thickness 4 mm \_\_\_\_\_  
 max. ceiling thickness 25 mm \_\_\_\_\_  
 recessed depth 68 mm \_\_\_\_\_

**datasheet.quicksum.material**

Aluminium \_\_\_\_\_

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

**LIGHT DISTRIBUTION**



[185161W3] 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.



**CONE DIAGRAM**

medium (standard) 350mA

h (m)	E0° (lx)	ø (m)
1	978	0.55
2	244	1.10
3	109	1.65
4	61	2.20
5	39	2.76

**Maintenance Factor**

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.98	0.95	0.93	0.9	0.88
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.

**ELECTRICAL ACCESSORIES**

**Driver**

Type	Colour	Voltage	L·W·H (MM)	Item number
5W   250mA   12-21V   phase-cut dim		12-21V	68-33-22	90226201
10W   250mA   10-40V   DALI-2 push dim		10-40V	166-29-21	90246403