



PROJECT

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TYPE

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NOTES

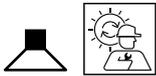
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QUANTITY

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DATE

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Round ceiling recessed downlight made from die-cast aluminium; surface Champagne wet painted; matt texture; No matching RAL; installation without tools using blade springs; suitable for ceiling thickness of 4-25 mm; recessed depth 85 mm; beam angle 31°; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 K;  $\leq 2$  SDCM (initial MacAdam); CRI  $\geq 90$ ; UGR  $\leq 16$ ; degree of protection IP20; Class 3; IC rated; driver not included; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



**LUMINAIRE**

Ceiling  
 Recessed  
 Champagne  
 No matching RAL  
 IP20  
 IC rated  
 Interior  
 485 lm / 250mA

**LED Module**

3000 K  
 CRI  $\geq 90$   
 L80 / 50000 h  
 $\leq 2$  SDCM (initial MacAdam)  
 570 lm / 250mA  
 137 lm/W<sup>a</sup>  
 4.2 W<sup>a</sup>

**Optical**

Medium (standard)  
 beam angle 31°  
 CIE flux code: 99 100 100 100  
 100

**Electrical**

excl. driver  
 17 V  
 Class III  
 Standard

**Physical**

diameter 57 mm  
 height 51 mm  
 0.07 kg  
 blade springs

**Cutout**

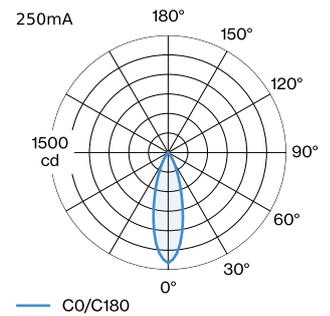
diameter 50-52 mm  
 min. ceiling thickness 4 mm  
 max. ceiling thickness 25 mm  
 recessed depth 85 mm

**datasheet.quicksum.material**

Aluminium

<sup>a</sup> Without electrical and optical losses

**LIGHT DISTRIBUTION**





**CONE DIAGRAM**

medium (standard) 250mA

h (m)	E0° (lx)	ø (m)
1	1410	0.54
2	350	1.07
3	160	1.61
4	90	2.15
5	60	2.68

**Maintenance Factor**

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.96	0.92	0.88	0.85	0.81
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

[165161M5C] 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.