



**PROJECT**

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**TYPE**

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**NOTES**

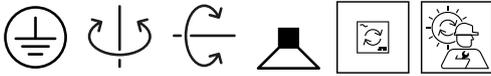
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**QUANTITY**

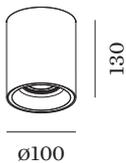
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**DATE**

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Cylindrical ceiling surface mounted downlight made from die-cast aluminium; adjustable; No matching RAL; with COB (Chip on Board) technology for maximum efficiency; DALI dim; light colour 3000 K;  $\leq 2$  SDCM (initial MacAdam); CRI  $\geq 90$ ; beam angle 15°; 355° rotatable and 25° tiltable; degree of protection IP20; Class 1; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;



**LUMINAIRE**

Ceiling \_\_\_\_\_  
 Surface \_\_\_\_\_  
 tilt max 25 ° \_\_\_\_\_  
 rotation 355 ° \_\_\_\_\_  
 Copper + Black Matt \_\_\_\_\_  
 No matching RAL \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 Interior \_\_\_\_\_  
 850 lm \_\_\_\_\_

**LED Module**

3000 K \_\_\_\_\_  
 CRI  $\geq 90$  \_\_\_\_\_  
 L80 / 50000h \_\_\_\_\_  
 $\leq 2$  SDCM (initial MacAdam) \_\_\_\_\_  
 1060 lm \_\_\_\_\_  
 121 lm/W <sup>a</sup> \_\_\_\_\_

**Optical**

Narrow \_\_\_\_\_  
 beam angle 15° \_\_\_\_\_  
 CIE flux code: 88 99 100 100 \_\_\_\_\_  
 100 \_\_\_\_\_

**Electrical**

DALI-2 \_\_\_\_\_  
 220 - 240 V \_\_\_\_\_  
 system 12.2 W \_\_\_\_\_  
 Class I \_\_\_\_\_  
 Standard \_\_\_\_\_

**Physical**

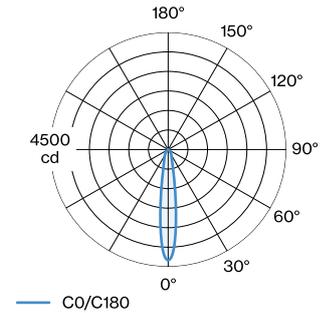
diameter 100 mm \_\_\_\_\_  
 height 130 mm \_\_\_\_\_  
 0.65 kg \_\_\_\_\_

**datasheet.quicksum.material**

Aluminium \_\_\_\_\_

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

**LIGHT DISTRIBUTION**



[133745P5] 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**

narrow 16°

h (m)	E0° (lx)	ø (m)
1	4250	0.28
2	1060	0.55
3	470	0.83
4	270	1.11
5	170	1.39

**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 × RSMF × LLMF × LSF

MF Maintenance Factor

 LMF<sup>a</sup> Luminaire Maintenance Factor

 RSMF<sup>a</sup> Room Surface Maintenance Factor

LLMF Lamp Lumens 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.

**OTHER ACCESSORIES**
**Metal spring clip**

Type	Colour	Voltage	Ø (MM)	Item number
MR16   LED   PAR16   max. 12W			59	90019700

**Spring clip**

Type	Colour	Voltage	Ø (MM)	Item number
MR16   LED   PAR16   max. 12W	Black		59	900198B0
MR16   LED   PAR16   max. 12W	Gold		59	900198G0
MR16   LED   PAR16   max. 12W	Champagne		59	900198M0
MR16   LED   PAR16   max. 12W	Bronze		59	900198Q0
MR16   LED   PAR16   max. 12W	Silver		59	900198S0
MR16   LED   PAR16   max. 12W	White		59	900198W0