



PROJECT

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TYPE

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NOTES

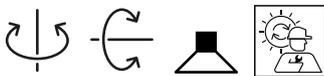
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QUANTITY

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DATE

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Round ceiling recessed downlight made from die-cast aluminium; adjustable; asymmetric light beam; 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 100 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 K;  $\leq 2$  SDCM (initial MacAdam); CRI  $\geq 90$ ; beam angle 34°; 355° rotatable and 35° tiltable; 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  
tilt max 35°  
rotation 355°  
White Matt  
RAL 9010<sup>a</sup>  
IP20  
Interior  
645 lm / 350mA  
870 lm / 500mA

## LED Module

3000 K  
CRI  $\geq 90$   
L80 / 55000h  
 $\leq 2$  SDCM (initial MacAdam)  
790 lm / 350mA  
132 lm/W<sup>b</sup>  
6 W<sup>b</sup>

## Optical

Asymmetric  
beam angle 34°  
CIE flux code: 80 100 100 100 100

## Electrical

excl. driver  
17 V  
Class III  
Standard

## Physical

diameter 94 mm  
height 95 mm  
0.25 kg  
wire springs

## Cutout

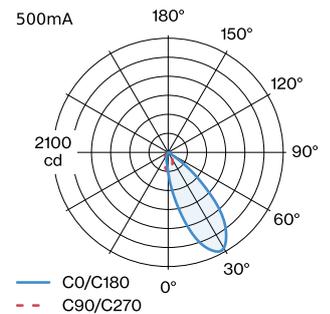
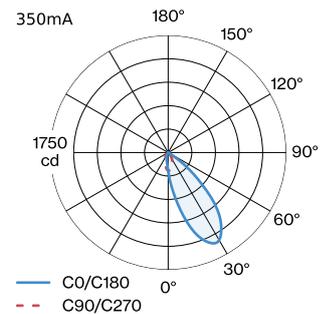
diameter 87-88 mm  
min. ceiling thickness 4 mm  
max. ceiling thickness 25 mm  
recessed depth 100 mm

## datasheet.quicksum.material

Aluminium

<sup>a</sup> Colour may deviate slightly due to production conditions  
<sup>b</sup> Without electrical and optical losses

## LIGHT DISTRIBUTION





## 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.

## ELECTRICAL ACCESSORIES

### Driver

Type	Colour	Voltage	L·W·H (MM)	Item number
10W   500mA   11-20V			100-43-23	90214405
10W   500mA   13-20V			60-39-20	90214406
10W   500mA   12-21V   phase-cut dim			115-41-25	90224403
20W   500mA   3-40V   DALI			116-40.5-22	90244604
24W   500mA   6-49V   DALI-2			143-43-30	90244701

## 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	Silver		59	900198S0
MR16   LED   PAR16   max. 12W	White		59	900198W0