



## PROJECT

## TYPE

## NOTES

## QUANTITY

## DATE



Round ceiling recessed downlight made from die-cast aluminium; surface White Aluminium; wet painted, matt smooth; RAL 9006; installation without tools using wire springs; suitable for ceiling thickness of 4-38 mm; recessed depth 90 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; beam angle 15°; degree of protection IP20; Class 3; driver not included; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



## GENERAL

Ceiling  
Recessed  
White Aluminium  
RAL 9006 <sup>a</sup>  
IP20  
Interior  
CIE flux code: 92 97 99 100  
100

## MEASURED DRIVERS

350mA  
505 lm  
6 W  
  
500mA  
685 lm  
9 W

## LED

2700 K  
CRI  $\geq 90$   
initial MacAdam  $\leq 2$  SDCM

## OPTICAL

Narrow  
beam angle 15°

## ELECTRICAL

excl. driver  
17 V  
inset 6.0 9.0 W  
Class 3

## PHYSICAL

diameter 84 mm  
height 86 mm  
0.17 kg  
wire springs

## CUTOUT

diameter 76-79 mm  
min. ceiling thickness 4 mm  
max. ceiling thickness 38 mm  
recessed depth 90 mm

<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	0.96	0.92	0.89	0.85	0.82
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	Voltage	L·W·H (MM)	Item number
10W   500mA   11-20V	11-20V	100-43-23	90214405
10W   500mA   13-20V	13-20V	65-39-20	90214406
10W   500mA   3-20V   phase-cut dim	3-20V	102-49-29	90224402
10W   500mA   12-21V   phase-cut dim	12-21V	115-41-25	90224403
20W   500mA   3-40V   DALI	3-40V	116-40-5-22	90244604
24W   500mA   6-49V   DALI-2	6-49V	143-43-30	90244701