



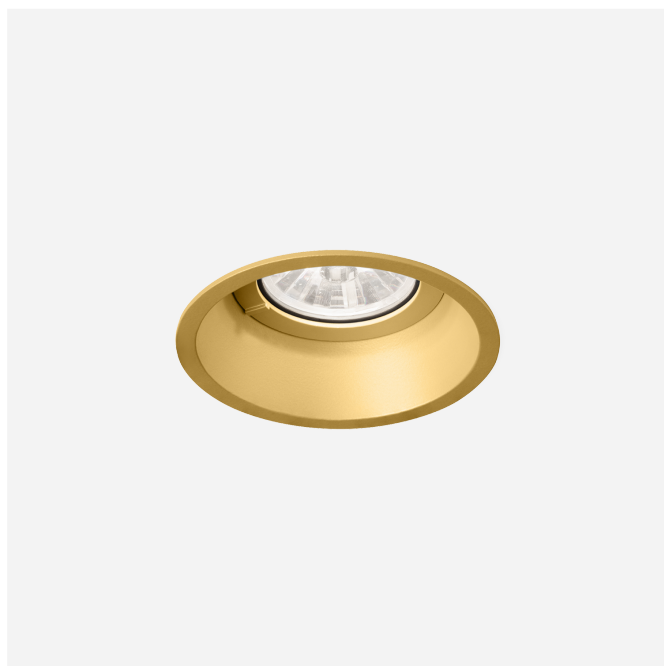
**PROJECT**

**TYPE**

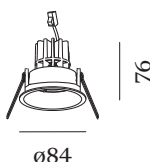
**NOTES**

**QUANTITY**

**DATE**



Round ceiling recessed downlight made from die-cast aluminium; surface Gold; wet painted, matt smooth; installation without tools using wire springs; suitable for ceiling thickness of 4-27 mm; recessed depth 90 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K;  $\leq 2$  SDCM (initial MacAdam); CRI  $\geq 90$ ; beam angle 56°; degree of protection IP20; Class 3; driver not included; light source replaceable by Wever & Ducreé or by a professional with explicit authorization;



**LUMINAIRE**

Ceiling  
Recessed  
Gold  
IP20  
Interior  
895 lm / 500mA  
665 lm / 350mA

**LED Module**

2700 K  
CRI  $\geq 90$   
L80 / 55000h  
 $\leq 2$  SDCM (initial MacAdam)  
748 lm / 350mA  
125 lm/W<sup>a</sup>  
6 W<sup>a</sup>

**Optical**

Wide  
beam angle 56°  
CIE flux code: 89 99 100 100 100

**Electrical**

excl. driver  
17 V  
Class III

**Physical**

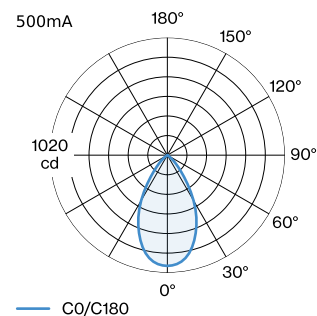
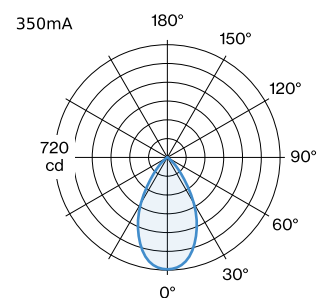
diameter 84 mm  
height 76 mm  
0.15 kg  
wire springs

**Cutout**

diameter 76-79 mm  
min. ceiling thickness 4 mm  
max. ceiling thickness 27 mm  
recessed depth 90 mm

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

**LIGHT DISTRIBUTION**





## CONE DIAGRAM

wide 58° 350mA			wide 58° 500mA		
h (m)	E0° (lx)	ø (m)	h (m)	E0° (lx)	ø (m)
1	715	1.11	1	961	1.11
2	179	2.23	2	240	2.23
3	79	3.34	3	107	3.34
4	45	4.46	4	60	4.46
5	29	5.57	5	38	5.57

## 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		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