



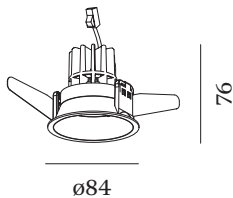
**PROJECT**

**TYPE**

**NOTES**

**QUANTITY**

**DATE**



**GENERAL**

Ceiling  
Recessed  
White Matt  
RAL 9010 <sup>a</sup>  
IP20  
Interior  
CIE flux code: 87 98 100 100  
100

**OUTPUT**

500mA  
695 lm  
12.5 W  
  
350mA  
470 lm  
8.4 W

**LED**

colour warm dimming  
2000 K - 3000 K  
CRI ≥ 90  
L70 / 50000h  
initial MacAdam ≤ 3 SDCM

**OPTICAL**

Standard  
beam angle 38°

**ELECTRICAL**

excl. driver  
17 V  
inset 6.1 / 9.0 W  
Class 3

**PHYSICAL**

diameter 84 mm  
height 76 mm  
0.15 kg  
blade springs

**CUTOUT**

diameter 76-79 mm  
min. ceiling thickness 10 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               | 0.95   | 0.91   | 0.86   | 0.82   | 0.77   |
| 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    |