



**PROJECT**

**TYPE**

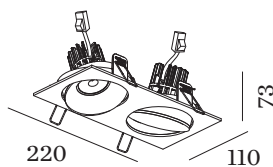
**NOTES**

**QUANTITY**

**DATE**



Rectangular ceiling recessed luminaire made from aluminium; surface Black Matt; powder coated, matt texture; RAL 9005; installation without tools using wire springs; suitable for ceiling thickness of 4-25 mm; recessed depth 90 mm; with COB (Chip on Board) technology for maximum efficiency; 350/500 mA; light colour 2700 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; beam angle 56°; 355° rotatable and 35° tiltable; 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  
tilt max 35 °  
rotation 355 °  
Black Matt  
RAL 9005 <sup>a</sup>  
IP20  
Interior  
CIE flux code: 92 97 99 100  
100

**OUTPUT**

350mA  
1060 lm  
12 W  
  
500mA  
1420 lm  
18 W

**LED**

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

**OPTICAL**

Wide  
beam angle 56°

**ELECTRICAL**

excl. driver  
17 V  
inset 18.0 12.0 W  
Class 3

**PHYSICAL**

length 220 mm  
width 110 mm  
height 73 mm  
0.73 kg  
wire springs

**CUTOUT**

length 210 mm  
width 102 mm  
min. ceiling thickness 4 mm  
max. ceiling thickness 25 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
17.5 - 20W		102-51-30	90218601
20W   500mA   26-38V   phase-cut dim	26-38V	138-44-30	90224602
20W   500mA   3-40V   DALI	3-40V	116-40.5-22	90244604
24W   500mA   6-49V   DALI-2	6-49V	143-43-30	90244701