



**PROJECT**

**TYPE**

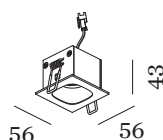
**NOTES**

**QUANTITY**

**DATE**



Rectangular ceiling recessed downlight made from die-cast aluminium; housing White Matt powder coated; matt texture; with reflector in Black Matt wet painted; matt fine texture; installation without tools using wire springs; suitable for ceiling thickness of 4-25 mm; recessed depth 85 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; degree of protection IP20; Class 3; IC rated; UGR  $\leq 16$ ; driver not included; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



**GENERAL**

Ceiling  
Recessed  
White Matt + Black Matt  
IP20  
IC rated  
Interior  
CIE flux code: 98 99 100 100 100

**LED**

3000 K  
CRI  $\geq 90$   
L70 / 55000h  
initial MacAdam  $\leq 2$  SDCM

**OPTICAL**

Standard  
beam angle 32°

**ELECTRICAL**

excl. driver  
9 V  
inset 4.3 W  
Class 3

**PHYSICAL**

length 56 mm  
width 56 mm  
height 43 mm  
0.09 kg  
wire springs

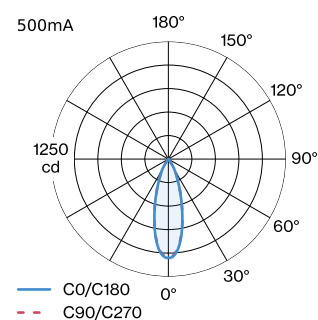
**CUTOUT**

length 50 mm  
width 50 mm  
min. ceiling thickness 4 mm  
max. ceiling thickness 25 mm  
recessed depth 85 mm

**MEASURED DRIVER**

500mA  
400 lm  
5.7 W

**LIGHT DISTRIBUTION**




**CONE DIAGRAM**

standard 32° 500mA

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 1050     | 0.57  |
| 2     | 260      | 1.14  |
| 3     | 120      | 1.72  |
| 4     | 70       | 2.29  |
| 5     | 40       | 2.86  |

**Maintenance Factor**

| Operating Time [h] | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0.9    | 0.88   | 0.85   | 0.83   | 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                                 | Voltage | L·W·H (MM)  | Item number |
|--------------------------------------|---------|-------------|-------------|
| 6.5W   500mA   7-13V   phase-cut dim | 7-13V   | 122-41-23   | 90224301    |
| 20W   500mA   3-40V   DALI           | 3-40V   | 116-40.5-22 | 90244604    |
| 24W   500mA   6-49V                  | 6-49V   | 143-43-30   | 90244701    |

**OPTICAL ACCESSORIES**
**Honeycomb Louver**

| Type                              | Colour | Ø (MM) | Item number |
|-----------------------------------|--------|--------|-------------|
| BLIEK PETIT   CENO   LECA   PIRRO | Black  | 29     | 90051131    |