



WEVER & DUCRÉ  
LIGHTING

# PIRRO 4.0

150461K5

## GENERAL

Ceiling , Recessed

Black Matt + Gold

RAL 9005 <sup>a</sup>

IP20

IC rated

Interior

Output: 1640 lm

CIE flux code: 98 99 100 100 100

## LED

3000 K

CRI  $\geq 90$

L70 / 55000h

2 SDCM

## OPTICAL

Medium , Beam angle 32°

## ELECTRICAL

excl. driver

36 V

LED Inset 16.8 W

Class 3

500 mA

## PHYSICAL

Length 188 mm

Width 56 mm

Height 43 mm

0.28 kg

wire springs

## CUTOUT

Length 181 mm

Width 50 mm

Min. ceiling thickness 4 mm

Max. ceiling thickness 25 mm

Recessed depth 60 mm

<sup>a</sup> Color may deviate slightly due to production conditions.

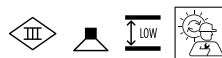
Project

Type

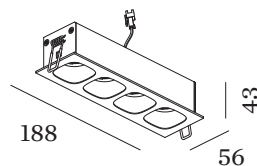
Notes

Quantity

Date



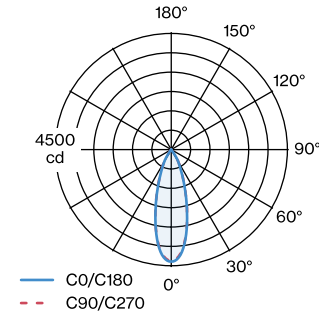
Rectangular ceiling recessed downlight made from die-cast aluminium; housing Black Matt powder coated; matt texture; with reflector in Gold wet painted; matt smooth; installation without tools using wire springs; suitable for ceiling thickness of 4-25 mm; recessed depth 60 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; degree of protection IP20; PC3; IC rated; UGR  $\leq 16$ ; driver not included; light source replaceable by an authorized professional;



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## LIGHT DISTRIBUTION



## Maintenance Factors

| 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               | $LMF \times RSMF \times LLMF \times LSF$ | RSMF <sup>a</sup> | Room Surface Maintenance Factor |
| MF               | Maintenance Factor                       | LLMF              | Lamp Lumens Maintenance Factor  |
| LMF <sup>a</sup> | Luminaire Maintenance Factor             | LSF               | Lamp Survival Faktor            |

<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.

## OPTICAL

### Honeycomb Louver

| TYPE                              | Ø (MM) | ORDERCODE       |
|-----------------------------------|--------|-----------------|
| BLIEK PETIT   CENO   LECA   PIRRO | 29     | 9 0 0 5 1 1 3 1 |

## ELECTRICAL

### Driver

| TYPE                                 | L · W · H (MM)  | VOLTAGE | ORDERCODE       |
|--------------------------------------|-----------------|---------|-----------------|
| 20W   500mA   26-38V   phase-cut dim | 138 · 44 · 30   | 26-38V  | 9 0 2 2 4 6 0 2 |
| 20W   500mA   3-40V   DALI           | 116 · 40.5 · 22 | 3-40V   | 9 0 2 4 4 6 0 4 |
| 24W   500mA                          | 143 · 43 · 30   | 6-49V   | 9 0 2 4 4 7 0 1 |