



WEVER & DUCRÉ  
LIGHTING

# PIRRO SPOT SURFACE 4.0

151464J3

Project

Type

Notes

Quantity

Date

## GENERAL

Ceiling, Surface

White Matt + Gold

IP20

Interior

Output: 1470 lm

CIE flux code: 99 100 100 100 100

## LED

2700 K

CRI  $\geq 90$

L70 / 55000h

2 SDCM

## OPTICAL

Medium, Beam angle 32°

## ELECTRICAL

phase-cut dim

220 - 240 V

Total connected power 19.3 W

Class 1

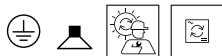
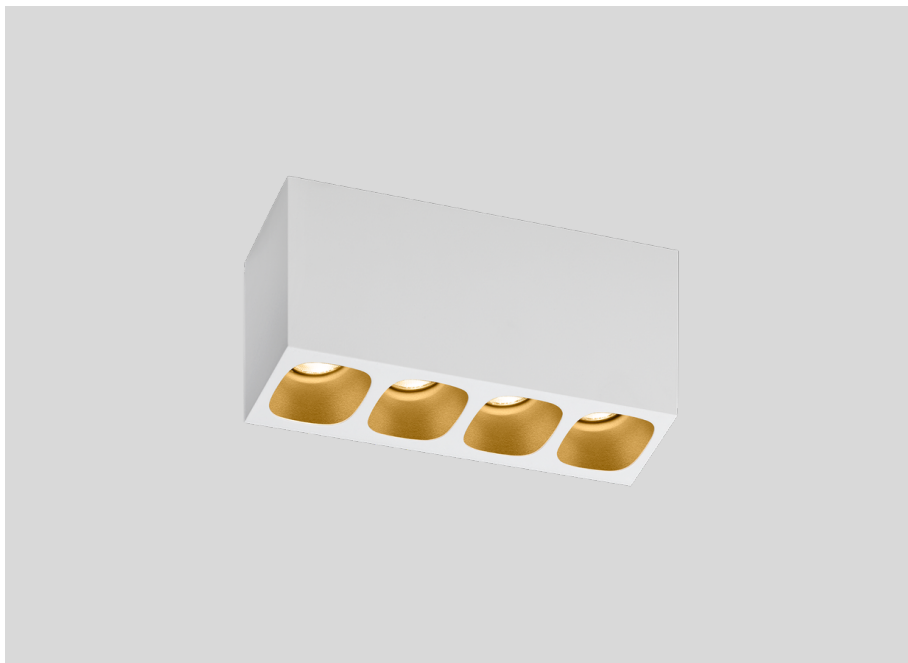
## PHYSICAL

Length 182 mm

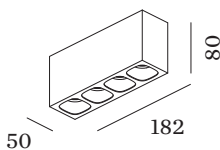
Width 50 mm

Height 80 mm

0.48 kg



Rectangular ceiling surface mounted downlight made from die-cast aluminium; housing White Matt powder coated; matt texture; with reflector in Gold wet painted; matt smooth; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; degree of protection IP20; PC1; UGR  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 1500$  cd/m<sup>2</sup>; driver included; optional honeycomb louver available, to reduce glare; light source replaceable by an authorized professional; control gear replaceable by end-user;





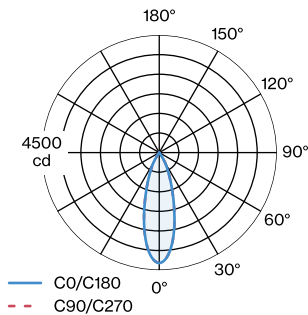
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# PIRRO

## SPOT SURFACE 4.0

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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.

### MOUNTING

#### 1.0 CEILING BASE

| TYPE         | COLOUR | L · W · H (MM) | ORDERCODE       |
|--------------|--------|----------------|-----------------|
| PIRRO SYSTEM | White  | 754-51-12      | 9 0 0 5 2 0 7 2 |
| PIRRO SYSTEM | Black  | 754-51-12      | 9 0 0 5 2 0 7 3 |
| PIRRO SYSTEM | Gold   | 754-51-12      | 9 0 0 5 2 0 7 4 |

#### 2.0 CEILING BASE

| TYPE         | COLOUR | L · W · H (MM) | ORDERCODE       |
|--------------|--------|----------------|-----------------|
| PIRRO SYSTEM | White  | 1150-51-12     | 9 0 0 5 2 0 7 5 |
| PIRRO SYSTEM | Black  | 1150-51-12     | 9 0 0 5 2 0 7 6 |
| PIRRO SYSTEM | Gold   | 1150-51-12     | 9 0 0 5 2 0 7 7 |

### OPTICAL

#### Honeycomb Louver

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