



WEVER & DUCRÉ  
LIGHTING

# PIRRO SURFACE 4.1

151461B3

Project .....

Type .....

Notes .....

Quantity .....

Date .....

## GENERAL

Ceiling .....

Surface .....

Jet Black .....

IP20 .....

Interior .....

1548 lm .....

RAL 9005<sup>a</sup> .....

## LED

2700 K .....

CRI 90 .....

L70 / 50000 h .....

3-step binning .....

## OPTICAL

Flood .....

Beam angle 32° .....

## PHYSICAL

Length 94 mm .....

Width 94 mm .....

Height 80 mm .....

0.5 kg .....

## ELECTRICAL

phase-cut dim .....

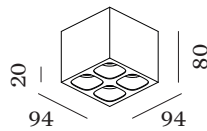
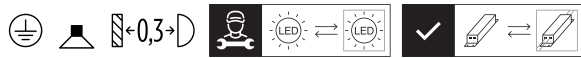
220 - 240 V .....

Total connected power 20.1 W .....

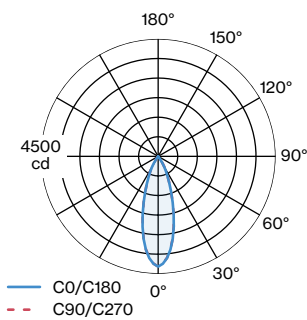
PC1 .....

Safety distance 0.3 m .....

<sup>a</sup> RAL Palette colors may deviate slightly due to production conditions.



## LIGHT DISTRIBUTION



[151461B3] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for September 14, 2021 the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of Wever & Ducré BVBA apply.  
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## Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0.92   | 0.88   | 0.83   | 0.79   | 0.76   |
| 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

| TYPE                                | COLOUR       | (MM) | ORDERCODE       |
|-------------------------------------|--------------|------|-----------------|
| CENO   PIRRO   BLIEK<br>ROUND PETIT | Pure White   | 29   | 9 0 0 5 1 1 3 0 |
| CENO   PIRRO   BLIEK<br>ROUND PETIT | Signal Black | 29   | 9 0 0 5 1 1 3 1 |

