



**PROJECT** \_\_\_\_\_

**TYPE** \_\_\_\_\_

**NOTES** \_\_\_\_\_

**QUANTITY** \_\_\_\_\_

**DATE** \_\_\_\_\_



**GENERAL**

Ceiling \_\_\_\_\_  
 Surface \_\_\_\_\_  
 tilt max 90 ° \_\_\_\_\_  
 rotation 350 ° \_\_\_\_\_  
 Black Matt \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 Interior \_\_\_\_\_  
 2340 lm \_\_\_\_\_  
 CIE flux code: 93 98 100 100 \_\_\_\_\_  
 100 \_\_\_\_\_

**LED**

2700 K \_\_\_\_\_  
 CRI ≥ 90 \_\_\_\_\_  
 L80 / 50000 h \_\_\_\_\_  
 initial MacAdam ≤ 2 SDCM \_\_\_\_\_

**OPTICAL**

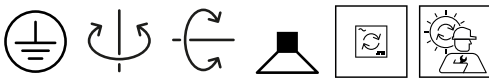
Standard \_\_\_\_\_  
 beam angle 31° \_\_\_\_\_

**ELECTRICAL**

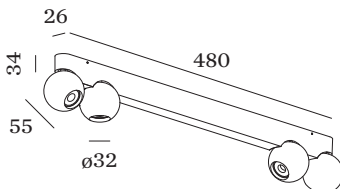
phase-cut dim \_\_\_\_\_  
 220 - 240 V \_\_\_\_\_  
 system 27.8 W \_\_\_\_\_  
 Class 1 \_\_\_\_\_

**PHYSICAL**

diameter 32 mm \_\_\_\_\_  
 height 55 mm \_\_\_\_\_  
 1.5 kg \_\_\_\_\_



Ceiling surface luminaire with 4 spotlights; made from die-cast aluminium; surface Black Matt; powder coated, matt texture; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; beam angle 31°; spotlight head 350° rotatable and 90° tiltable; degree of protection IP20; Class 1; driver included; optional optical accessories available; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;



[188464B3] 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 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 BV apply.



## Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.96	0.92	0.88	0.85	0.81
LSF	1	1	1	1	1

$$MF = LMF \times RSMF \times LLMF \times LSF$$

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.

## OPTICAL ACCESSORIES

### Honeycomb Louver

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