



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

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

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

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

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



Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface Gold; wet painted; brushed; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2000 K - 3000 K colour warm dimming; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; 220 - 240 V; degree of protection IP20; Class 1; UGR  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 1500 \text{ cd/m}^2$ ; optional single inner cover available; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;

**GENERAL**

Ceiling \_\_\_\_\_  
 Surface \_\_\_\_\_  
 Gold \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 Interior \_\_\_\_\_  
 470 lm \_\_\_\_\_  
 CIE flux code: 95 99 100 100 \_\_\_\_\_  
 100 \_\_\_\_\_

**LED**

colour warm dimming \_\_\_\_\_  
 2000 K - 3000 K \_\_\_\_\_  
 CRI  $\geq 90$  \_\_\_\_\_  
 initial MacAdam  $\leq 3$  SDCM \_\_\_\_\_

**OPTICAL**

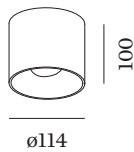
Standard \_\_\_\_\_  
 beam angle  $21^\circ$  \_\_\_\_\_

**ELECTRICAL**

phase-cut dim \_\_\_\_\_  
 220 - 240 V \_\_\_\_\_  
 system 8.0 W \_\_\_\_\_  
 Class 1 \_\_\_\_\_

**PHYSICAL**

diameter 114 mm \_\_\_\_\_  
 height 100 mm \_\_\_\_\_  
 0.7 kg \_\_\_\_\_



[186758G9] 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               | 0.95   | 0.91   | 0.86   | 0.82   | 0.77   |
| 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 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**

**Single Inner Cover**

| Type           | Colour    | Ø·H (MM) | Item number |
|----------------|-----------|----------|-------------|
| RAY   max. 10W | Black     | 67·54    | 911041B1    |
| RAY   max. 10W | Gold      | 67·54    | 911041G1    |
| RAY   max. 10W | Champagne | 67·54    | 911041M1    |
| RAY   max. 10W | White     | 67·54    | 911041W1    |