



**PROJECT**

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**TYPE**

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**NOTES**

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**QUANTITY**

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**DATE**

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**LUMINAIRE**

Ceiling \_\_\_\_\_  
 Surface \_\_\_\_\_  
 Aluminium Brushed \_\_\_\_\_  
 RAL 9006 <sup>a</sup> \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 Interior \_\_\_\_\_  
 1170 lm \_\_\_\_\_

**LED Module**

2700 K \_\_\_\_\_  
 CRI ≥ 90 \_\_\_\_\_  
 L70 / 50000h \_\_\_\_\_  
 ≤ 3 SDCM (initial MacAdam) \_\_\_\_\_  
 1460 lm \_\_\_\_\_  
 91 lm/W <sup>b</sup> \_\_\_\_\_

**Optical**

Medium (standard) \_\_\_\_\_  
 beam angle 21° \_\_\_\_\_  
 CIE flux code: 93 99 100 100 \_\_\_\_\_  
 100 \_\_\_\_\_

**Electrical**

phase-cut dim \_\_\_\_\_  
 220 - 240 V \_\_\_\_\_  
 system 16.1 W \_\_\_\_\_  
 Class I \_\_\_\_\_  
 Standard \_\_\_\_\_

**Physical**

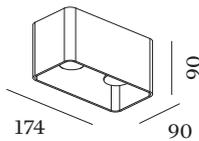
length 174 mm \_\_\_\_\_  
 width 90 mm \_\_\_\_\_  
 height 90 mm \_\_\_\_\_  
 0.92 kg \_\_\_\_\_

**datasheet.quicksum.material**

Aluminium \_\_\_\_\_

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

<sup>b</sup> Without electrical and optical losses





**Maintenance Factor**

|                    |        |        |        |        |        |
|--------------------|--------|--------|--------|--------|--------|
| Operating Time [h] | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 |
| LLMF               | 0      | 0      | 0      | 0      | 0      |
| 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 | Voltage | L·W·H (MM) | Item number |
|------------------|--------|---------|------------|-------------|
| DOCUS   max. 10W | Black  |         | 62-62-39.5 | 911021B1    |
| DOCUS   max. 10W | Gold   |         | 62-62-39.5 | 911021G1    |
| DOCUS   max. 10W | White  |         | 62-62-39.5 | 911021W1    |