



**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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Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface Anthracite Grey; powder coated; matt texture; RAL 7016; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K;  $\leq 3$  SDCM (initial MacAdam); CRI  $\geq 90$ ; 220 - 240 V; beam angle 36°; degree of protection IP65; Class I; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by an authorized professional;



**LUMINAIRE**

Ceiling \_\_\_\_\_  
 Surface \_\_\_\_\_  
 Anthracite Grey \_\_\_\_\_  
 RAL 7016 <sup>a</sup> \_\_\_\_\_  
 IP65 \_\_\_\_\_  
 Exterior \_\_\_\_\_  
 620 lm \_\_\_\_\_

**LED Module**

3000 K \_\_\_\_\_  
 CRI  $\geq 90$  \_\_\_\_\_  
 L80 / 60000h \_\_\_\_\_  
 $\leq 3$  SDCM (initial MacAdam) \_\_\_\_\_

**Optical**

Medium (standard) \_\_\_\_\_  
 beam angle 36° \_\_\_\_\_  
 CIE flux code: 95 98 100 100 \_\_\_\_\_  
 100 \_\_\_\_\_

**Electrical**

phase-cut dim \_\_\_\_\_  
 220 - 240 V \_\_\_\_\_  
 system 9.8 W \_\_\_\_\_  
 Class I \_\_\_\_\_  
 Standard \_\_\_\_\_

**Physical**

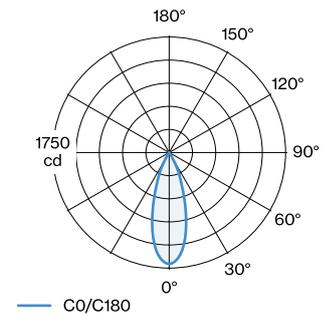
diameter 80 mm \_\_\_\_\_  
 height 105 mm \_\_\_\_\_  
 0.56 kg \_\_\_\_\_

**datasheet.quicksum.material**

Aluminum \_\_\_\_\_

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

**LIGHT DISTRIBUTION**



[734364A5] 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.



**CONE DIAGRAM**

medium (standard) 33°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 1690     | 0.60  |
| 2     | 420      | 1.20  |
| 3     | 190      | 1.80  |
| 4     | 110      | 2.39  |
| 5     | 70       | 2.99  |

**Maintenance Factor**

| Operating Time [h] | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0.95   | 0.91   | 0.86   | 0.82   | 0.79   |
| 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.