



**PROJECT**

**TYPE**

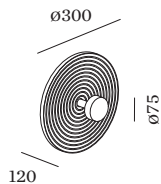
**NOTES**

**QUANTITY**

**DATE**



Wall surface luminaire made from composite; indirect light distribution; surface colour "Raw Material Plaster"; RAL 9010; PCB 3-step binning; phase-cut dim; light colour 2700 K;  $\leq 3$  SDCM (initial MacAdam); CRI  $\geq 90$ ; 220 - 240 V; degree of protection IP20; 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**

Wall  
Surface  
Raw Material Plaster  
RAL 9010 <sup>a</sup>  
IP20  
Interior  
450 lm

**LED Module**

2700 K  
CRI  $\geq 90$   
L80 / 50000h  
 $\leq 3$  SDCM (initial MacAdam)  
519 lm  
87 lm/W <sup>b</sup>

**Optical**

Indirect  
CIE flux code: 18 43 70 50 100

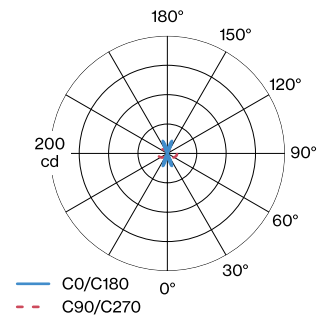
**Electrical**

phase-cut dim  
220 - 240 V  
system 8.3 W  
Class I

**Physical**

diameter 300 mm  
height 120 mm  
1.8 kg

**LIGHT DISTRIBUTION**



<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               | 0.97   | 0.94   | 0.91   | 0.87   | 0.84   |
| 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.