



**PROJECT**

**TYPE**

**NOTES**

**QUANTITY**

**DATE**



Round shape ceiling surface luminaire made from die-cast aluminium; microprismatic PMMA cover;  $UGR \leq 19$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 3000 \text{ cd/m}^2$ ; surface Black Matt wet painted; matt texture; RAL 9011; with COB (Chip on Board) technology for maximum efficiency; light colour 4000 K; binning initial MacAdam  $\leq 3 \text{ SDCM}$ ; CRI  $\geq 90$ ; degree of protection IP20; Class 1; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;

**GENERAL**

Ceiling  
Surface  
Black Matt  
RAL 9011<sup>a</sup>  
IP20  
Interior  
3660 lm  
CIE flux code: 65 89 97 100 100

**LED**

4000 K  
CRI  $\geq 90$   
L80 / 80000 h  
initial MacAdam  $\leq 3 \text{ SDCM}$

**OPTICAL**

Microprismatic  
 $UGR \leq 19$   
 $\geq 65^\circ < 3000 \text{ cd/m}^2$

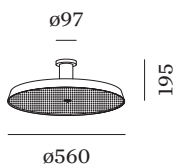
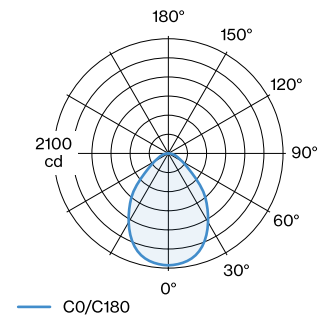
**ELECTRICAL**

DALI-2  
220 - 240 V  
system 35 W  
Class 1

**PHYSICAL**

diameter 560 mm  
height 195 mm  
4.2 kg

**LIGHT DISTRIBUTION**



[1683M5B7] 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	0.98	0.95	0.92	0.9	0.87
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.