



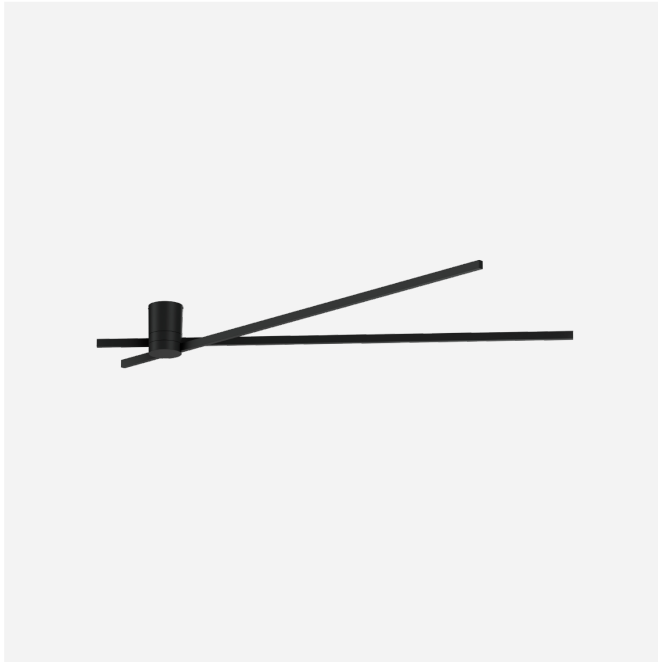
**PROJECT**

**TYPE**

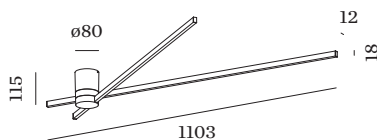
**NOTES**

**QUANTITY**

**DATE**



Indirect ceiling and wall mounted luminaire with cylindrical base and two narrow light bars; lower bar rotatable up to 180°; surface Black Matt; powder coated; matt texture; RAL 9011; PCB 3-step binning; phase-cut dim; light colour 2700 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; beam angle 360°; 220 - 240 V; 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 / Wall  
Surface  
rotation 180 °  
Black Matt  
RAL 9011<sup>a</sup>  
IP20  
Interior  
1810 lm

**LED**

2700 K  
CRI  $\geq 90$   
L80 / 100000 h  
initial MacAdam  $\leq 3$  SDCM

**OPTICAL**

Opal  
beam angle 360°  
UGR  $\leq 10$   
 $\geq 65^\circ < 1500 \text{ cd/m}^2$   
CIE flux code: 0 0 0 0 100

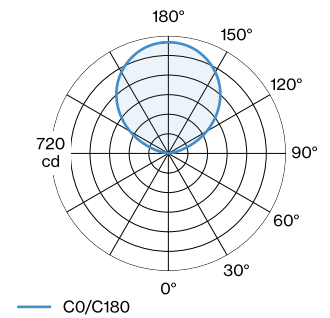
**ELECTRICAL**

phase-cut dim  
220 - 240 V  
system 23.3 W  
Class 1

**PHYSICAL**

length 1103 mm  
width 12 mm  
height 18 mm  
0.95 kg

**LIGHT DISTRIBUTION**



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


**Maintenance Factor**

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.98	0.96	0.94	0.93	0.91
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.