



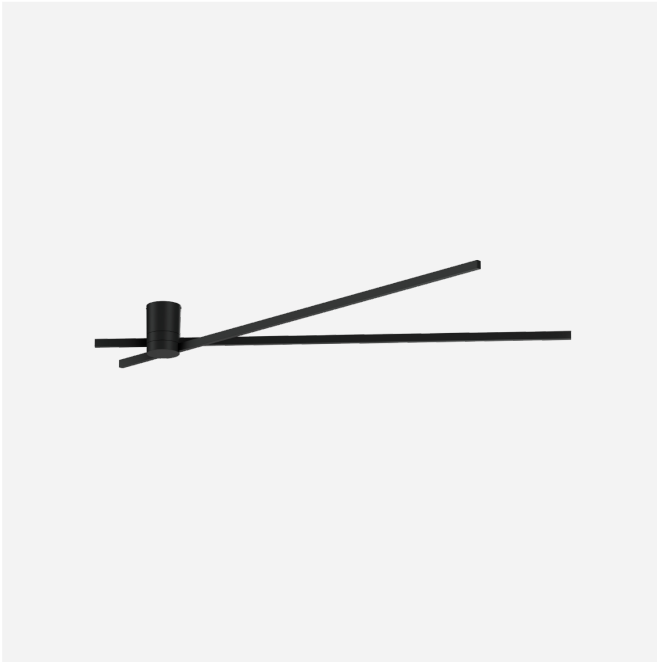
**PROJECT** \_\_\_\_\_

**TYPE** \_\_\_\_\_

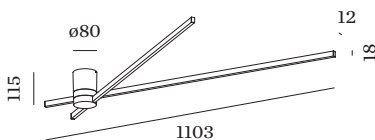
**NOTES** \_\_\_\_\_

**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 9005; PCB 3-step binning; phase-cut dim; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 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 9005 <sup>a</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

Interior \_\_\_\_\_

3240 lm \_\_\_\_\_

CIE flux code: 0 0 0 0 100 \_\_\_\_\_

**LED**

2700 K \_\_\_\_\_

CRI ≥ 90 \_\_\_\_\_

L80 / 100000 h \_\_\_\_\_

initial MacAdam ≤ 3 SDCM \_\_\_\_\_

**OPTICAL**

Opal \_\_\_\_\_

beam angle 360° \_\_\_\_\_

UGR < 10 \_\_\_\_\_

≥65° < 1500 cd/m<sup>2</sup> \_\_\_\_\_

**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 \_\_\_\_\_

<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.