



**PROJECT**

**TYPE**

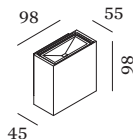
**NOTES**

**QUANTITY**

**DATE**



Rectangular wall surface luminaire made from aluminium; surface Black Matt; powder coated; matt texture; RAL 9005; up and down light emission; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; 220 - 240 V; degree of protection IP20; Class 1; driver included; light source not replaceable; control gear replaceable by end-user;



**GENERAL**

Wall  
Surface  
Black Matt  
RAL 9005 <sup>a</sup>  
IP20  
Interior  
indirect 310 lm  
direct 310 lm  
total 620 lm  
CIE flux code: 69 95 100 49 100

**LED**

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

**OPTICAL**

Wide

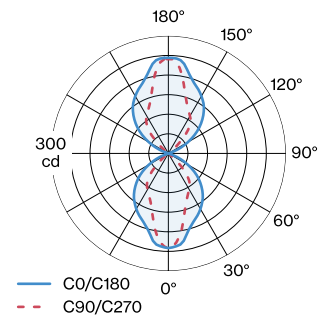
**ELECTRICAL**

phase-cut dim  
220 - 240 V  
system 8.0 W  
Class 1

**PHYSICAL**

length 98 mm  
width 55 mm  
height 98 mm  
0.5 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	0.97	0.97	0.97	0.96
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.