



**PROJECT**

**TYPE**

**NOTES**

**QUANTITY**

**DATE**



IP65



Cylindrical wall surface mounted luminaire made from aluminium; surface Black Matt; powder coated; matt texture; RAL 9011; direct/indirect light distribution; PCB 3-step binning; phase-cut dim; light colour 3000 K;  $\leq 3$  SDCM (initial MacAdam); CRI  $\geq 90$ ; 220 - 240 V; degree of protection IP65; Class I; inclusive flaps for adjustable beam angle; light source replaceable by Wever & Ducré or by a professional with explicit authorization;

**LUMINAIRE**

Wall  
Surface  
Black Matt  
RAL 9011 <sup>a</sup>  
IP65  
Exterior  
total 920 lm

**LED Module**

3000 K  
CRI  $\geq 90$   
 $\leq 3$  SDCM (initial MacAdam)

**Optical**

Variable

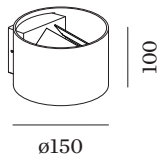
**Electrical**

phase-cut dim  
220 - 240 V  
system 11.0 W  
Class I

**Physical**

diameter 150 mm  
height 100 mm  
0.47 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	0.95	0.92	0.89	0.86
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.