



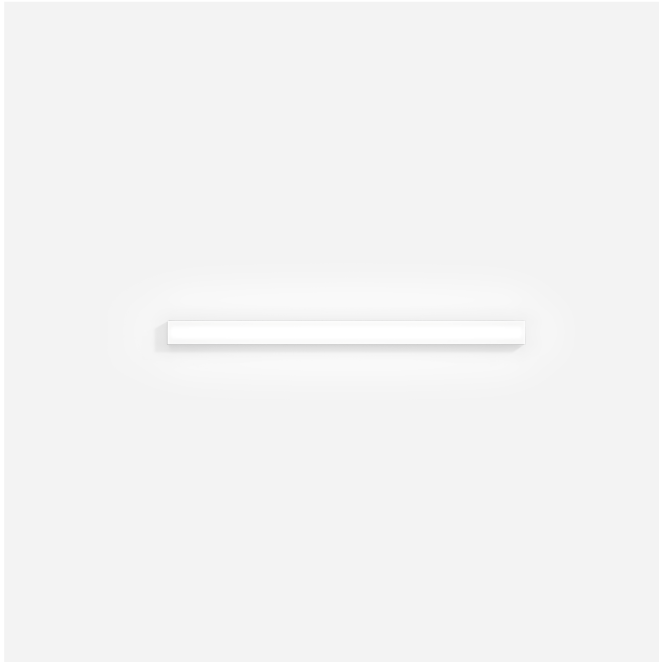
PROJECT

TYPE

NOTES

QUANTITY

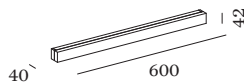
DATE



IP44



Wall surface luminaire made from aluminium; surface White Matt; powder coated; matt texture; opal PMMA; RAL 9010; PCB 3-step binning; light colour 2700 K; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90 ; inclusive output selector (choose between low and high luminosity); degree of protection IP44; Class I; light source not replaceable;



LUMINAIRE

Wall
Surface
White Matt + Clear/Opal
PMMA
RAL 9010 ^a
IP44
Interior
445 lm / Low Output
815 lm / High Output

LED Module

2700 K
CRI ≥ 90
L80 / 60000h
 ≤ 3 SDCM (initial MacAdam)
775 / 1420 lm
105 / 117 lm/W ^b

Optical

Opal
CIE flux code: 15 38 67 50 100

Electrical

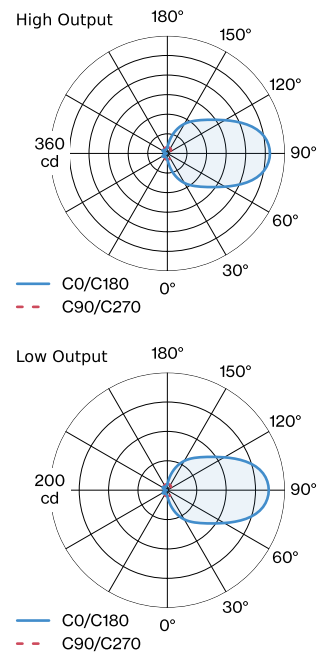
incl. output selector | phase-cut dim
220 - 240 V
system 7.4 / 12.1 W
Class I
Standard

Physical

length 600 mm
width 43 mm
height 40 mm
1.53 kg

^a Colour may deviate slightly due to production conditions
^b Without electrical and optical losses

LIGHT DISTRIBUTION




Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.98	0.95	0.93	0.91	0.89
LSF	1	1	1	1	1

MF	$LMF \times RSMF \times LLMF \times LSF$	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^aAccording to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.