

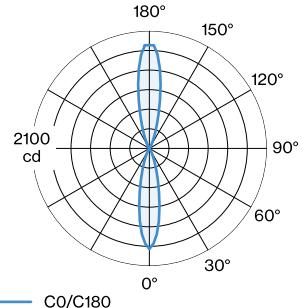

PROJECT
TYPE
NOTES
QUANTITY
DATE

CRI
 ≥ 90

Tubular wall surface luminaire made from aluminium; surface Black Matt + Aluminium; powder coated; matt texture + wet painted; brushed; up and down light emission; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; beam angle 23°; 220 - 240 V; degree of protection IP20; Class 1; UGR ≤ 10 ; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;

GENERAL

Wall
 Surface
 Black Matt + Aluminium
 IP20
 Interior
 indirect 395 lm
 direct 395 lm
 total 790 lm
 CIE flux code: 99 100 100 48 100

LIGHT DISTRIBUTION

LED

2700 K
 CRI ≥ 90
 L80 / 50000h
 initial MacAdam ≤ 2 SDCM

OPTICAL

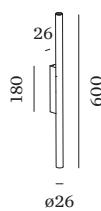
Standard
 beam angle 23°

ELECTRICAL

phase-cut dim
 220 - 240 V
 system 11.4 W
 Class 1

PHYSICAL

diameter 26 mm
 height 600 mm
 0.41 kg




Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.96	0.92	0.88	0.85	0.81
LSF	1	1	1	1	1

MF	$LMF \times RSMF \times LLMF \times LSF$	RSMFa	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMFa	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.