



PROJECT

TYPE

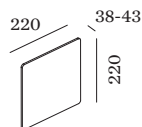
NOTES

QUANTITY

DATE



Square shaped wall surface luminaire ; surface Black Marble; PCB 3-step binning; phase-cut dim; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; 220 - 240 V; degree of protection IP20; Class 2; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



GENERAL

Wall
Surface
Black Marble
IP20
Interior
295 lm
CIE flux code: 0 1 23 28 100

LED

3000 K
CRI ≥ 90
L80 / 70000 h
initial MacAdam ≤ 3 SDCM

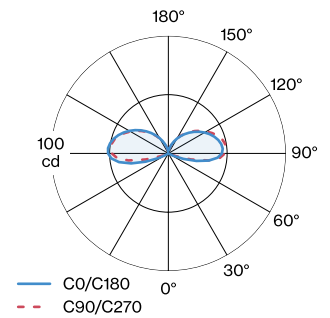
ELECTRICAL

phase-cut dim
220 - 240 V
system 8.5 W
Class 2

PHYSICAL

length 220 mm
width 220 mm
height 43 mm
2.11 kg

LIGHT DISTRIBUTION




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 ^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.