LINEA opal / 1 spot

wall

058-6178D38CH

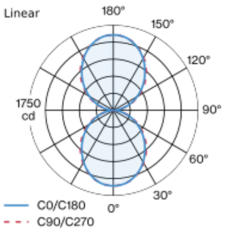
Project / Type

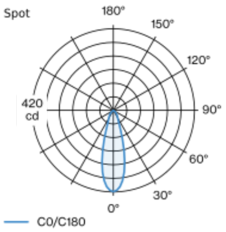
Notes

Count / Date

Light fitting and front cover made of extruded aluminium profile; angular design; no visible screws; surface black powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/ indirect light distribution; direct and indirect light component: HPO (High Performance Opal) cover for uniform illumination; light colour: tunable white diodes (2700-5000 K); binning initial MacAdam ≤ 3 SDCM; CRI ≥ 97; min. 95% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; JUST 26 spotlight module 2,6 W / 159 lm / 3000 K right; incl. DALI-2 / DT8 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution

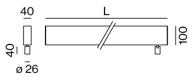




flood 30° Spot

h (m)	E0° (lx)	ø (m)
1	419	0.54
2	105	1.09
3	47	1.63
4	26	2.17
5	17	2.72

Product drawing



General

Wall , Surface
black , RAL9005 [1]
IP20
indirect 4030 lm
direct 4030 lm
total 8060 lm
3350 lm/m
tilt max 89°
172 lm

LED

3000 K[2]-tunable white[3]
2700 K - 5000 K
CRI ≥ 97[2]-90[3]
L95 / 50000 h[2]-L85 / 50000 h[3]
initial MacAdam ≤ 3 SDCM
R_g: 92[2]-99[3] , R_f: 86[2]-90[3] , $R_{f\{1\text{-}15\}}$: 94[2]-88[3]
MR 0.53
MDER 0.48

Optical

High Performance Opal
flood[2]-opal (lambertsch)[3]
PstLM ≤ 1.0[3 2 4]
SVM ≤ 0.4[3 2 4]
beam angle 30°

Electrical

DALI-2[2]-DALI-2 DT8[3]
220-240 V
system 2.7[2]-83[3] W
PC1
system 64[2]-97[3] lm/W[5]
1 DALI Addr.
35 W/m

Physical

length 2510 mm
width 40 mm
height 100 mm
right

[1] RAL code [2] Spot [3] Linear
[4] Value of containing product at full load (undimmed)
[5] SYSTEM: incl. consideration of optical losses and the efficiency of the operating device. INSET: incl. consideration of optical losses.

Installation instructions

['058-6178D38CH'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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