

TASK

wall

059-2032138Z



Project / Type

Notes

Count / Date



General

Wall , Surface

black , RAL 9005 ¹

IP20

indirect 3760 lm

direct 1970 lm

total 5730 lm

LED

4000 K

CRI \geq 90

L90 / 50000 h

initial MacAdam \leq 3 SDCM

R_g: 96 , R_f: 90 , R_{f(1-15)}: 87

MR 0.75

MDER 0.68

Optical

Microprismatic

microprismatic

PstLM \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

DALI-2

220-240 V

system 46 W

system 125 lm/W³

PC1

1 DALI Addr.

Physical

length 620 mm

width 200 mm

height 36 mm

2.7 kg

¹ RAL code ² Value of containing product at full load (undimmed)

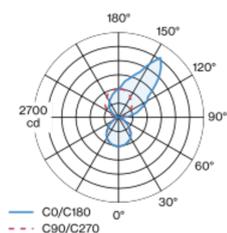
³ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

Installation instructions

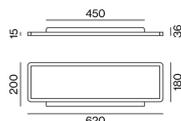


Rectangular luminaire housing with rounded edges in aluminium; extremely flat design (only 15mm); modern shape in elegant design for discerning requirements; surface black powder coated; suitable for wall mounting; direct light distribution through LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; indirect component with special, inclined PCBs for asymmetric radiation characteristic; optimum ceiling illumination; microprismatic PMMA cover; completely homogeneous illumination; light colour 4000 K; binning initial MacAdam \leq 3 SDCM; CRI \geq 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; incl. DALI-2 converter; light source not replaceable; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.97	0.95	0.93	0.92
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

^a 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.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	7
B13	10
B16	12
B20	14
C10	10
C13	20
C16	24
C20	28