

# OPAL HIGH PERFORMANCE

MOVE IT 25

050-0212L38H



Project / Type

Notes

Count / Date



## General

Ceiling / Wall , Track

black , RAL 9005 <sup>1</sup>

IP20

534 lm

optical inset 143 lm/W<sup>2</sup>

## LED

tunable white

1800 K - 4000 K

CRI  $\geq$  90

L85 / 50000 h

initial MacAdam  $\leq$  3 SDCM

R<sub>g</sub>: 98 , R<sub>f</sub>: 90 , R<sub>f(1-15)</sub>: 88

MR 0.76

MDER 0.69

## Optical

High Performance Opal

opal (lambertsch)

PstLM  $\leq$  1.0 <sup>3</sup>

SVM  $\leq$  0.4 <sup>3</sup>

## Electrical

DALI-2 DT8 single control

48 V

fixture 5.3 W

fixture 101 lm/W<sup>4</sup>

optical inset 3.7 W

PC3

1 DALI Addr.

## Physical

length 605 mm

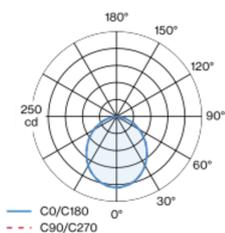
width 25 mm

height 47 mm

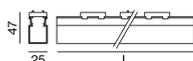
0.2 kg

Linear light inset made of PMMA; light inset can be installed and moved without tools by means of magnetic holders+locking; flush with profile system; power supplied via MOVE IT system track profile; hot plug protection; completely homogeneously illuminated, satin PMMA cover; passive cooling of the LEDs through improved heat sink geometry; with CSP (Chip-Scale-Packaging) technology for maximum efficiency; light colour: tunable white diodes (1800-4000 K); binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC3; 48 V; DALI single control; flicker-free visual comfort through analogue current control (minimum value 1%); light source not replaceable;

## Light distribution



## Product drawing



<sup>1</sup> RAL code

<sup>2</sup> OPTICAL INSET: incl. consideration of optical losses

<sup>3</sup> Value of containing product at full load (undimmed)

<sup>4</sup> 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



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.93	0.9	0.88
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

<sup>a</sup> 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.