

# OPAL HIGH PERFORMANCE

MOVE IT 25 S  
050-1211L38H



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



### General

Ceiling / Wall , Track \_\_\_\_\_

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

IP20 \_\_\_\_\_

238 lm \_\_\_\_\_

optical inset 128 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>(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> \_\_\_\_\_

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 (MOVE IT 25 S) or recessed luminaire level (MOVE IT 25); 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;

### Electrical

DALI-2 DT8 single control \_\_\_\_\_

48 V \_\_\_\_\_

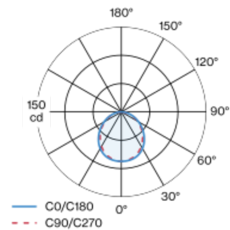
fixture 2.7 W \_\_\_\_\_

optical inset 1.9 W \_\_\_\_\_

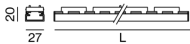
PC3 \_\_\_\_\_

1 DALI Addr. \_\_\_\_\_

### Light distribution



### Product drawing



### Physical

length 305 mm \_\_\_\_\_

width 25 mm \_\_\_\_\_

height 20 mm \_\_\_\_\_

0.15 kg \_\_\_\_\_

<sup>1</sup> RAL code <sup>2</sup> incl. consideration of optical losses  
<sup>3</sup> Value of containing product at full load (undimmed)

### 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

MF

LMF<sup>a</sup>

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF<sup>a</sup>

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

Lamp Survival Factor

<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.

