

090-9L453WB001



Project / Type

Notes

Count / Date



General

Ceiling | Track

jet black | RAL 9005

Reflector chrome

IP20

1240 lm

optical inset 108 lm/W⁻¹

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

R_q: 100 | R_f: 92 | R_{1-15}: 91

MR 0.64 | MDER 0.58

Optical

wallwasher floor

$$\text{PstLM} \leq 1.0^2 \mid \text{SVM} \leq 0.4^2$$

Electrical

DALI-2 | 1 DALI Addr.

PC3 | 48 V

fixture 13.6 W

optical inset 11.5 W

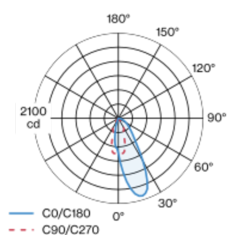
Physical

length 156 mm | width 43 mm | height 48 mm

0.4 kg

Linear light inset made of aluminium; surface anodised jet black; 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; equipped with four wallwasher floor light elements; asymmetrical light distribution with precise radiation characteristic; high quality reflector with micro-faceted, aluminum-vaporised surface; Reflector chrome; passive cooling of the LEDs through improved heat sink geometry; light colour 3000 K; binning initial MacAdam ± 3 SDCM; CRI ≥ 90 ; min. 80% of luminous flux after 50000 operating hours; energy-efficient high power LEDs with very good colour rendering; 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; NOT suitable for MOVE IT 45 set;

Light distribution



Product drawing



Installation instructions



Lighting calculator

¹ incl. consideration of optical losses² Value of containing product at full load (undimmed)



Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.94	0.91	0.89	0.87	0.84
LSF	1	1	1	1	1

MF

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

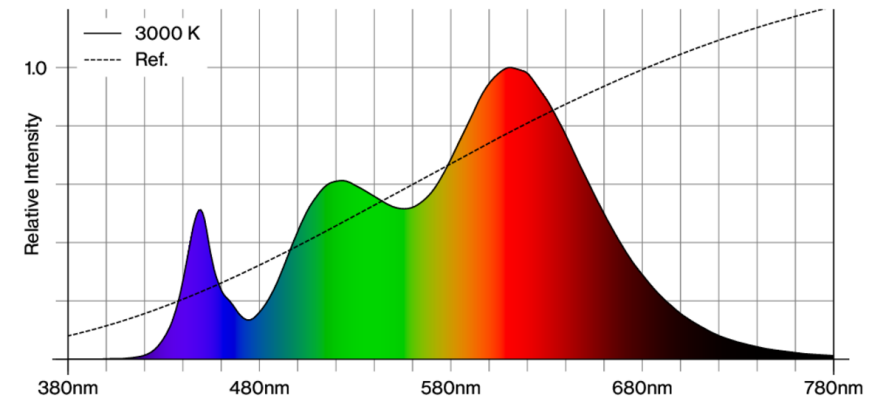
Lamp Lumens Maintenance Factor

LSF

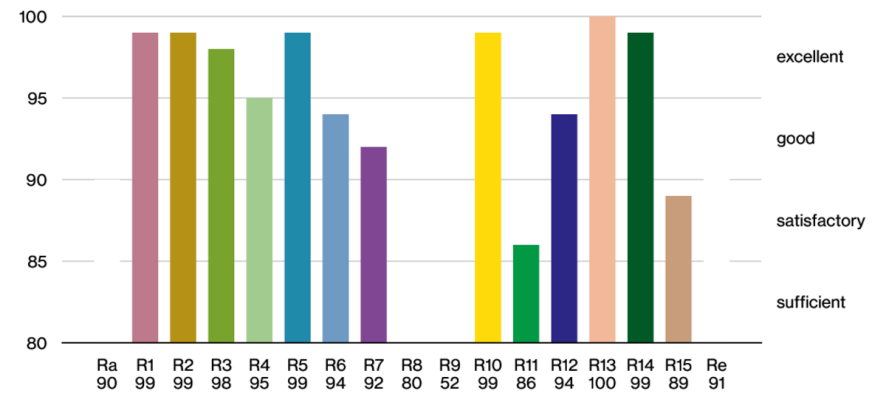
Lamp Survival Factor

^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.

Colour rendering



CRI/R_a ≥ 94 R_e ≥ 91 (3000 K)



L4

MOVE IT 45

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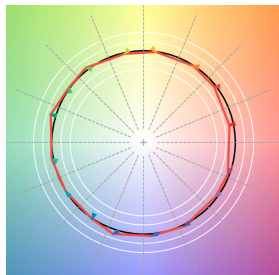


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TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.