

GIRA downlight

MOVE IT 10
030-6410438M



Project / Type

Notes

Count / Date



Linear light inset made of aluminium; surface jet black powder coated; light inset 360° rotatable; light inset can be installed and moved without tools by means of clip mount; power supplied via MOVE IT system track profile; hot plug protection; fitted with single LED light points; passive cooling of the LEDs through improved heat sink geometry; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; good glare control through recessed light point level; precise radiation characteristic with 23° beam; degree of protection IP20; PC3; 48 V; DALI-2 control; flicker-free visual comfort through analogue current control (minimum value 1%); light source replaceable by an authorized professional;



General

Ceiling | Track

rotation 360°

jet black | RAL 9005 ¹

IP20

1270 lm

optical inset 77 lm/W ²

LED

2700 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 | R_f: 91 | R₍₁₋₁₅₎: 89

MR 0.54 | MDER 0.49

Optical

medium | beam angle 23°

PstLM ≤ 1.0 ³ | SVM ≤ 0.4 ³

Electrical

DALI-2 | 1 DALI Addr.

PC3 | 48 V

fixture 18.2 W

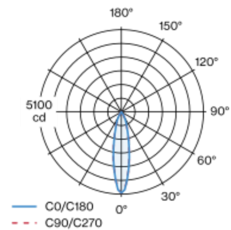
optical inset 16.4 W

Physical

length 217 mm | width 19 mm | height 19 mm

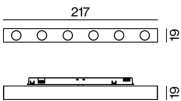
0.22 kg

Light distribution



medium 23°		
h (m)	E0° (lx)	ø (m)
1	5020	0.40
2	1260	0.80
3	560	1.20
4	310	1.61
5	200	2.01

Product drawing



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

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.97	0.94	0.91	0.88	0.85
LSF	1	1	1	1	1

MF

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

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.

