

VITA horizontal 1213 direct / indirect

wall

099-9137136A



Project / Type

Notes

Count / Date



General

Wall , Surface

anodised aluminium

IP20

indirect 8950 lm

direct 8950 lm

total 17900 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

R_g: 98 , R_r: 90 , R_{t(1-15)}: 88

MR 0.76

MDER 0.69

Optical

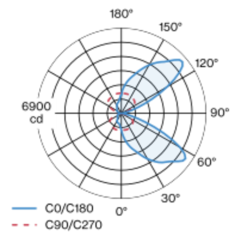
Linear Prismatic

PstLM ≤ 1.0 ¹

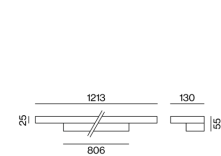
SVM ≤ 0.4 ¹

Luminaire housing, mounting channel and front cover from extruded aluminium profile; angular design; no visible screws; surface anodised aluminium; suitable for wall mounting; equipped with two light insets made of aluminium, powder coated; direct/indirect illumination characteristic; lighting modules with specially computed, asymmetrical high gloss reflectors, linear prismatic covers incl. foil with different light distributions for direct or indirect light component for optimised light control and homogeneous illumination; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; degree of protection IP20; PC1 220-240V; incl. DALI-2 converter; direct/indirect light component separate controllable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



Electrical

DALI-2

148 W

PC1 220-240V

121 lm/W

2 DALI Addr.

Physical

length 1213 mm

width 130 mm

height 55 mm

3 kg

¹ 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	0.97	0.94	0.91	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 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	6
B13	8
B16	10
B20	13
C10	10
C13	14
C16	17
C20	22