



Project / Type _____

Notes _____

Count / Date _____



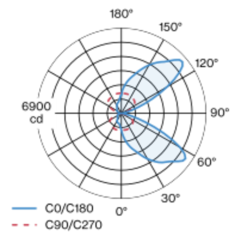
General	
Wall , Surface	_____
anodised aluminium	_____
IP20	_____
indirect 8950 lm	_____
direct 8950 lm	_____
total 17900 lm	_____

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	_____

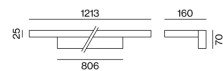
Optical	
Linear Prismatic	_____
PstLM ≤ 1.0 ¹	_____
SVM ≤ 0.4 ¹	_____

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 160 mm	_____
height 70 mm	_____
3 kg	_____

¹ Value of containing product at full load (undimmed)

Installation instructions



VITA vertical 1213 direct / indirect

wall
099-9167136A



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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

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 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

