

VARO 110 S

180-6531217M



Project / Type

Notes

Count / Date



32 158 (265 DALI)

32 158 (265 DALI)

32 158 (265 DALI)

32 158 (265 DALI)

General

Ceiling , Track

tilt max 90°

rotation 355°

white , RAL9016 ¹

IP20

4470 lm

LED

3500 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 97 , R_f: 90 , R₍₁₋₁₅₎: 93

MR 0.73

MDER 0.66

Optical

medium

beam angle 25°

Electrical

non DIM

36 W

PC2 220-240V

124 lm/W

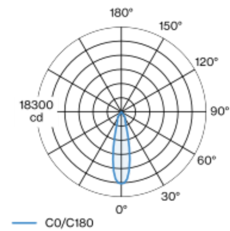
Physical

diameter 110 mm

height 110 mm

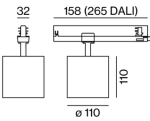
¹ RAL code

Light distribution



medium 25°			
h (m)	EO° (lx)	ø (m)	
1	15500	0.45	
2	3900	0.90	
3	1700	1.35	
4	1000	1.81	
5	600	2.26	

Product drawing



Installation instructions

Lighting calculator



VARO 110 S

180-6531217M



Project / Type

Notes

Count / Date

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.977	0.95	0.923	0.897	0.872
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.

Optical accessories

HONEYCOMB LOUVER

Ø (MM)	ARTICLE NUMBER(S)
106	080-6501118



WIDE FLOOD LENS

Ø (MM)	ARTICLE NUMBER(S)
106	080-6502110W



OVAL LENS

Ø (MM)	ARTICLE NUMBER(S)
106	080-6502210



SNOOT

TYPE	Ø (MM)	ARTICLE NUMBER(S)
short	97	080-6503118
medium	97	080-6503218
angle	97	080-6503318

