

VARO 110 S

180-6530238S



Project / Type _____

Notes _____

Count / Date _____



Track light made of die-cast aluminium; surface black powder coated; 355° rotatable and 90° tiltable; integrated converter in the plastic adapter; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3500 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; including high quality aluminium reflector with spherical reflector; high gloss anodised; neutral colour reflection through absolute freedom from interference colour; for brilliant object staging; precise radiation characteristic with 14° beam; installed and exchanged without tools; optical attachments available as accessories; optical attachments can be combined; accessories are listed separately; degree of protection IP20; PC2 220-240V; incl. DALI-2 converter; adapter for toolless insertion or movement on a variety of 3-phase power tracks; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;



General

Ceiling , Track _____

tilt max 90° _____

rotation 355° _____

black , RAL9005 ¹ _____

IP20 _____

3210 lm _____

LED

3500 K _____

CRI ≥ 90 _____

initial MacAdam ≤ 3 SDCM _____

R_g: 97 , R_r: 90 , R₍₁₋₁₅₎: 93 _____

MR 0.73 _____

MDER 0.66 _____

Optical

spot _____

beam angle 14° _____

Electrical

DALI-2 _____

23.4 W _____

PC2 220-240V _____

137 lm/W _____

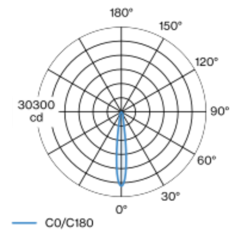
Physical

diameter 110 mm _____

height 110 mm _____

¹ RAL code

Light distribution



spot 14°

h (m)	E0° (lx)	ø (m)
1	26400	0.25
2	6600	0.50
3	2900	0.75
4	1700	1.00
5	1100	1.25

Product drawing



Installation instructions



Lighting calculator



[180-6530238S] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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