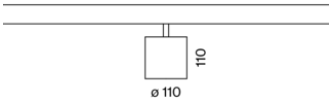


Quickinfo

3000 K, 3500 K, 4000 K
CRI ≥ 90 / 3 SDCM (initial MacAdam)
up to 139 lm/W
L85 / 50000 h
DALI-2, non DIM
IP20

Types



Colours

Light distributions

VARO 110 S

EN Track light made of die-cast aluminium; surface powder coated; spotlight head 355° rotatable and 90° tiltable; integrated converter in the plastic adapter; high quality reflector with spherical facet finish; precise radiation characteristics with different beam angles; installed and exchanged without tools; optical attachments as accessories; optical attachments can be combined; COB (Chip on Board) technology for maximum efficiency; variants with >120 lm/W available; no multiple shadows; energy-efficient LEDs with very good colour rendering; adapter for toolless insertion or movement on a variety of 3-phase power tracks

DE Stromschienenstrahler aus Aluminiumdruckguss; Oberfläche pulverbeschichtet; Strahlerkopf 355° dreh- und 90° schwenkbar; Konverter im Kunststoffadapter integriert; hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; optische Aufsätze als Zubehör; optische Aufsätze miteinander kombinierbar; mit COB (Chip on Board) Technologie für höchste Effizienz; Varianten mit >120 lm/W verfügbar; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Adapter für werkzeugloses Einsetzen bzw. Verschieben in verschiedenen 3-Phasen Stromschienen


up to 139 lm/W (high efficiency)

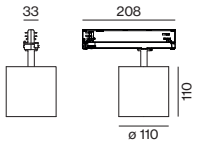

355° rotatable, 90° tiltable

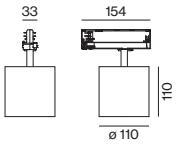

optical accessories


optical accessories can be combined (max. 2)









VARO 110 S track



SPOT 14°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
23.4 W	3000 K	3170 lm	135 lm/W	1 8 0 - 6 5 3 0 0 ◪ S
	3500 K	3210 lm	137 lm/W	1 8 0 - 6 5 3 0 2 ◪ S
	4000 K	3220 lm	138 lm/W	1 8 0 - 6 5 3 0 1 ◪ S
35.0 W	3000 K	4440 lm	127 lm/W	1 8 0 - 6 5 3 1 0 ◪ S
	3500 K	4500 lm	129 lm/W	1 8 0 - 6 5 3 1 2 ◪ S
	4000 K	4500 lm	129 lm/W	1 8 0 - 6 5 3 1 1 ◪ S

MEDIUM 25°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
23.4 W	3000 K	3150 lm	135 lm/W	1 8 0 - 6 5 3 0 0 ◪ M
	3500 K	3190 lm	136 lm/W	1 8 0 - 6 5 3 0 2 ◪ M
	4000 K	3200 lm	137 lm/W	1 8 0 - 6 5 3 0 1 ◪ M
35.0 W	3000 K	4410 lm	126 lm/W	1 8 0 - 6 5 3 1 0 ◪ M
	3500 K	4470 lm	128 lm/W	1 8 0 - 6 5 3 1 2 ◪ M
	4000 K	4480 lm	128 lm/W	1 8 0 - 6 5 3 1 1 ◪ M

FLOOD 40°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
23.4 W	3000 K	3200 lm	137 lm/W	1 8 0 - 6 5 3 0 0 ◪ F
	3500 K	3240 lm	138 lm/W	1 8 0 - 6 5 3 0 2 ◪ F
	4000 K	3250 lm	139 lm/W	1 8 0 - 6 5 3 0 1 ◪ F
35.0 W	3000 K	4480 lm	128 lm/W	1 8 0 - 6 5 3 1 0 ◪ F
	3500 K	4540 lm	130 lm/W	1 8 0 - 6 5 3 1 2 ◪ F
	4000 K	4550 lm	130 lm/W	1 8 0 - 6 5 3 1 1 ◪ F

WIDE FLOOD 66°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
23.4 W	3000 K	3140 lm	134 lm/W	1 8 0 - 6 5 3 0 0 ◪ W
	3500 K	3180 lm	136 lm/W	1 8 0 - 6 5 3 0 2 ◪ W
	4000 K	3190 lm	136 lm/W	1 8 0 - 6 5 3 0 1 ◪ W
35.0 W	3000 K	4400 lm	126 lm/W	1 8 0 - 6 5 3 1 0 ◪ W
	3500 K	4460 lm	127 lm/W	1 8 0 - 6 5 3 1 2 ◪ W
	4000 K	4460 lm	127 lm/W	1 8 0 - 6 5 3 1 1 ◪ W

Order options

CONTROL		COLOUR	
non DIM	1	traffic white RAL 9016	7
DALI-2	3	jet black RAL 9005	8

Planning Information



possibility to combine different optical accessories (max. 2 pieces)

Optical accessories

HONEYCOMB LOUVER

Ø·H (mm)	ORDER CODE
106·9	080-650 1118

OVAL LENS

Ø·H (mm)	ORDER CODE
106·9	080-650 2210

SNOOT angle

Ø·H (mm)	ORDER CODE
97·38	080-650 3318

SNOOT medium

Ø·H (mm)	ORDER CODE
97·38	080-650 3218

SNOOT short

Ø·H (mm)	ORDER CODE
97·23	080-650 3118

WIDE FLOOD LENS

Ø·H (mm)	ORDER CODE
106·9	080-650 2110W