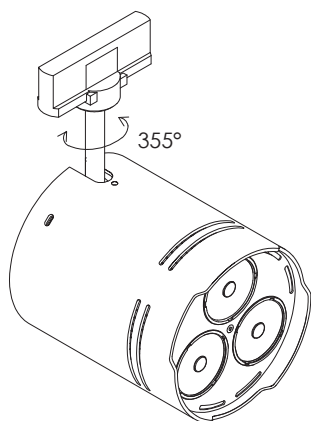
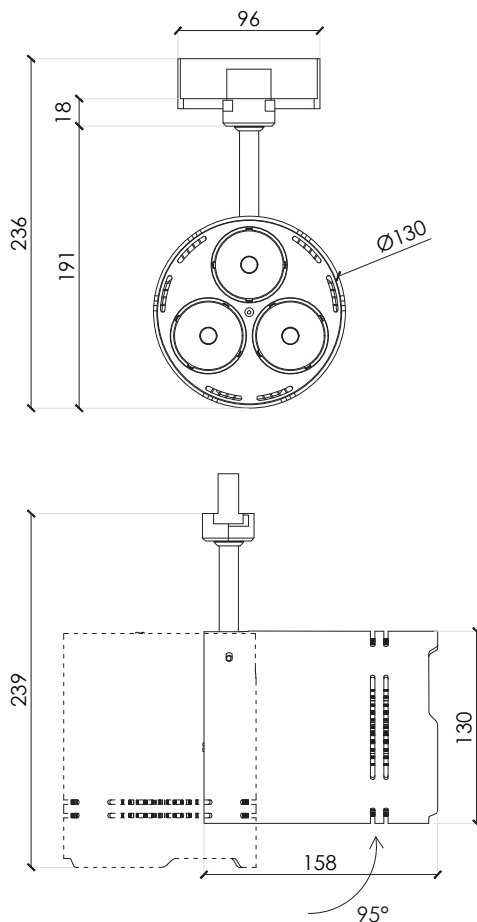


Solar System

TRACK

VIVID COLOR RANGE



Vivid colors

Ra - 95, R9 - 96@3000K

Three prismatic optics and point source

No spill light, no multiple shadows

Natural white

All light sun's white shades

Color setting for optimal lighting

3 optics with different CCTs

Magnetic secondary optics and CCT Shifters

Laser cut aluminium housing, \varnothing 130mm and L 158mm, matt color painting white RAL 9010 or black RAL 9005 (other RALs on request), with adjustable bracket tiltable $\pm 95^\circ$ and rotatable through 355° , equipped with mono or 3-circuit track adapter, joint with adjustable friction locking

Passive cooling thermal management

Correlate Color Temperature (CCT): 3000K; on request: 2700K 4000K

Colour Rendering Index: Ra-95 / R9-96 @3000K; Ra-95 / R9-95 @2700K; Ra-95 / R9-94 @4000K

Chromaticity tolerance: SDCM<3@50.000h

0-10V rotary intensity dimmer on-board (on request with DMX or DALI protocol) or wireless blue-tooth

Nominal LED consumption*: 36,6W

Total power consumption*: 37,5W

Luminous flux*: 1710lm

Fixed optic: 10° ; on request $25^\circ, 36^\circ$

Secondary magnetic optics: $17^\circ, 25^\circ, 36^\circ, 60^\circ, 10^\circ \times 25^\circ, 10^\circ \times 36^\circ, 10^\circ \times 60^\circ$, aimable filter ($0^\circ-20^\circ$)

CCT Shifters*: $\frac{1}{2}$ CTO (-300K), $\frac{1}{4}$ CTO (-600K), $\frac{3}{4}$ CTO (-800K); dichroic filter

Louver: cut-off 40°

L 70>50.000h

International protection grade: IP20

Insulation class: CL I

Energy class: A

Weight: 1,8Kg

* @ 3000K

Solar System

TRACK



VIVID COLOR RANGE

Data and polar diagrams below are referred to the individual optics.

Individual color rendering index¹

	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
2700K	95	96	97	98	93	94	93	98	97	95	95	89	76	96	98
3000K	95	96	97	97	94	94	92	98	97	96	93	90	75	96	97
4000K	95	98	98	97	97	97	94	98	97	94	95	95	84	98	99

¹ At Tc 70°C

Starting CCT	1/4 CTO	1/2 CTO	3/4 CTO
2700K	2450K	2200K	2000K
3000K	2700K	2400K	2200K
4000K	3500K	3000K	2700K

Magnetic secondary optics¹

Beam angle ²	Field angle ³	CBCP(cd) ⁴
10°	20°	8700
25°	40°	5500
36°	60°	2660
60°	90°	390
10°x25°	27°x35°	9730
10°x36°	27°x43°	6690
10°x60°	27°x65°	5250

¹ Polymer optical lens: diameter 50.0mm, thickness 2.0mm; magnetic attach force: 0.45 lb-F; ² @ 50% CBCP; ³ @ 10% CBCP; ⁴ Lumen transmissivity: 90% vs peak intensity 10°

Magnetic CCT shifters¹

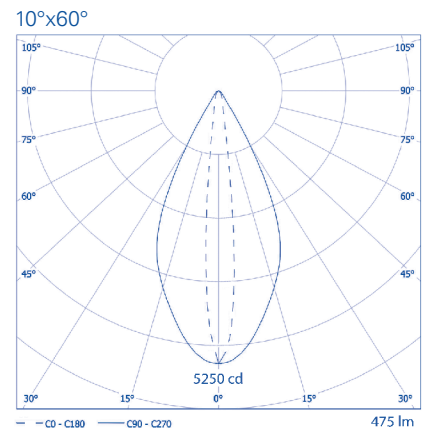
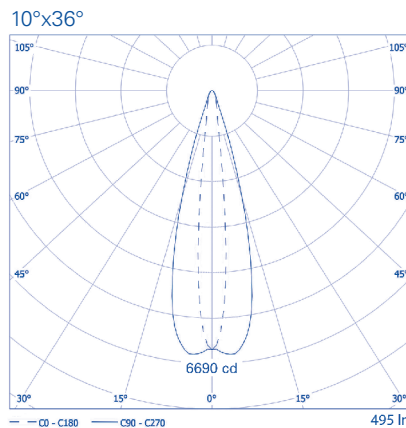
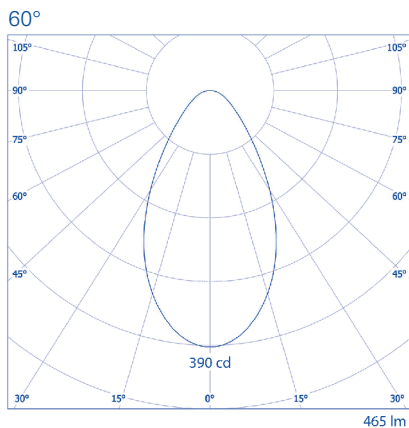
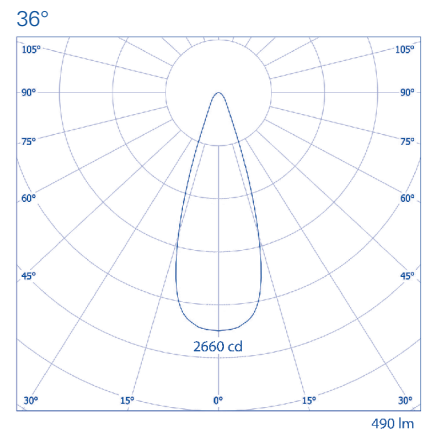
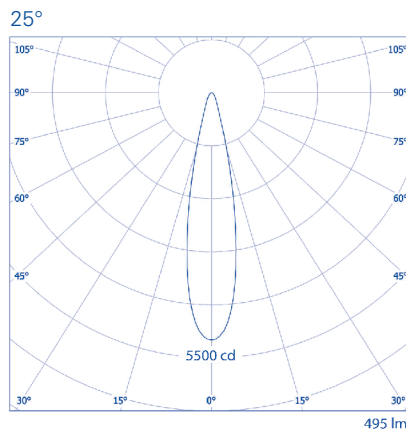
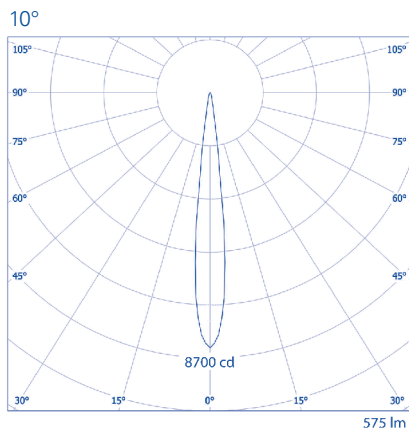
CTO ²	τ (lm)	Mired Shift
1/4	90°	37
1/2	75°	83
3/4	60°	120

¹ Polymer optical lens with gels: diameter 50.0mm, thickness 2.0mm; magnetic attach force: 0.45 lb-F; ² Color Temperature Orange

Magnetic Louver¹

Cut-off ²	CBCP of 9°(cd) ³
40°	63%

¹ Hex louver and snoot: diameter 51.1mm, thickness 9.0mm; magnetic attach force: 0.45 lb-F; ² Eliminates high angle glare; ³ @ 50% max intensity; Reduces angular intensity to 0.1% of pick at 40° full angle; Can be used in combination with gimbal ring fixtures



We reserve the right to make technical and design changes.
Edition: 20.01.2020 @ Rimani - www.rimani srl