

Discover RAILS, KSCAPE's latest innovation that seamlessly blends light and professional sound powered by K-array. Unveiling initially as a versatile track system, RAILS combines a 4ft (1.2m) linear architectural lighting system with integrated projectors, changeable optics, and superior audio—all within a sleek design that respects the architect's vision

Mounting options

Suspended

Ceiling



Options with indirect

Suspended

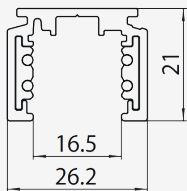


TL DIRECT only

Track

LOW VOLTAGE 4 CONDUCTORS TRACK

2 circuits: 2x +/- 15A/0-60V dc
1 circuit + Data Bus: +/- 15A/0-60V + D+/D-
External extruded body in aluminium
Copper conductors

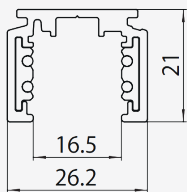


TI DIRECT + INDIRECT 3000K

Track

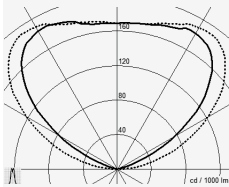
LOW VOLTAGE 4 CONDUCTORS TRACK

2 circuits: 2x +/- 15A/0-60V dc
1 circuit + Data Bus: +/- 15A/0-60V + D+/D-
External extruded body in aluminium
Copper conductors



3000K

Ra	90
Optical efficiency	81,4%
Led flux	2240 lm
Fixture flux	1823 lm
Fixture wattage	17W
Led efficacy	131 lm/W
Fixture efficacy	107 lm/W

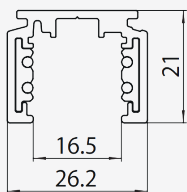


TC DIRECT + INDIRECT TUNABLE

Track

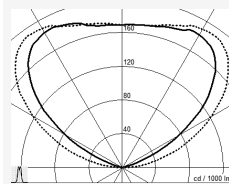
LOW VOLTAGE 4 CONDUCTORS TRACK

2 circuits: 2x +/- 15A/0-60V dc
1 circuit + Data Bus: +/- 15A/0-60V + D+/D-
External extruded body in aluminium
Copper conductors

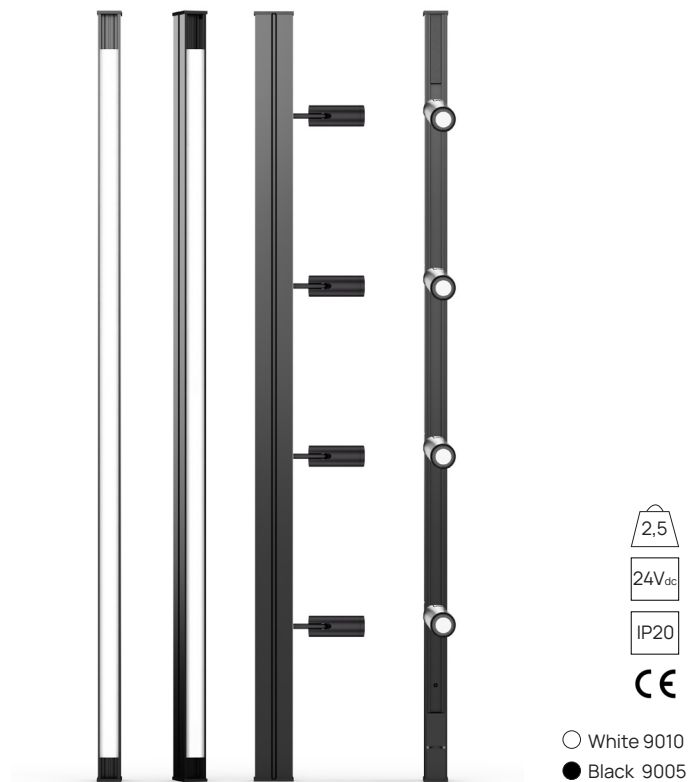


Tunable

Ra	90
Optical efficiency	81,4%
2700K Led flux	1022 lm @ 10W
5000K Led flux	1120 lm @ 10W
2700K Fixture flux	831lm
5000K Fixture flux	911 lm
Total Led flux	2142lm
Total Fixture flux	1743lm
Total Fixture Wattage*	20W
Led efficacy	107 lm/W
Fixture efficacy	87 lm/W



*Please note that this is the nominal consumption with 100% operating mode



2,5

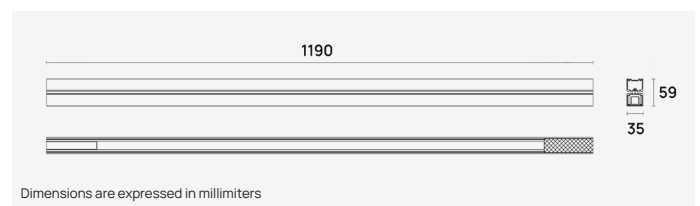
24V_{dc}

IP20

CE

○ White 9010

● Black 9005



Dimensions are expressed in millimeters

Mechanical characteristics

Finishes	White/Black
Dimensions	1190x35x59 mm (46,8X1,37X2,32 in)
Weight	2,5 kg (5,5 lb)
IP Protection	IP20
Materials	Extruded aluminum body and stainless steel elements

Led characteristics

Driver	Electronic remote driver
Control interface	Standard 24Vdc / Casambi ready
Input voltage	24 Vdc constant voltage
Led lifetime	Lm80 60.000h 25°
Led type	Cree
Binning	< 3 MacAdam

Audio characteristics

Type	Point source
Drivers	1x0.5" meodmium magnet woofers
Frequency response	500Hz - 18kHz (-6dB)
Rated power	3,5W
Maximun SPL	86 dB (peak)
Coverage	V: 140° I H: 140°
Nominal Impedance	16 Ω
Grid dimension (W x D)	30 x 100 mm (1.18 x 3.93 in)
Material	Aluminum
Disclaimer	Passive loudspeakers requires dedicated preset loaded on board of K-array amplifier

ACCESSORIES

END CAPS

End caps

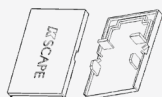


Mechanical connections for two piece of Rail S
2 pieces
Already included in the Rail S code

- ☐ White
- ☒ Black

END CAPS

End caps



End caps for Ceiling and Suspended mounting system
2 pieces

- ☐ White RS12TW
- ☒ Black RS12TB

SUSPENDED INSTALLATION

Suspension cables

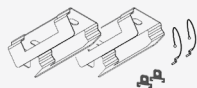


Suspended mounting kit
2 wires + mechanical joint
Lenght 2,5m

- ☒ Steel RS12-PEN2

CEILING INSTALLATION

Ceiling brackets



Ceiling mounting bracket accessory
2 pieces

- ☒ Steel RS12-PLA2

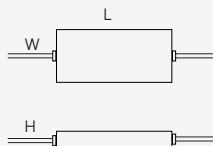
Code creator

Lenght		Optic	Control		Light emission		Finish		Audio	
RS12	Lenght Rail S 120cm	EO Track ready	V	24Vdc On/Off	TL	Track only	W	White	AU	Audio
			C	CASAMBI	TI	Track+ Indirect 3000K	B	Black	NA	Non Audio
					TC	Track + Indirect Tunable				

POWER

DRIVERS

DRIVER 100W - MEANWELL



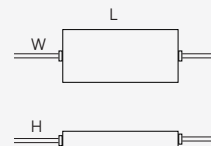
K-AL100R-24

Driver 100W CLASS II

Constant Voltage 24V IP67
L*W*H = 190x52x37mm

Shortcut / Overload / Overvoltage protection
CE / cRUus

DRIVER 150W - MEANWELL



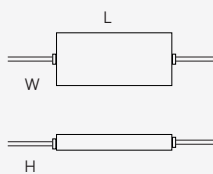
K-AL150R-24

Driver 150W

Constant Voltage 24V IP67
L*W*H = 219x63x35.5mm

Shortcut / Overload / Overvoltage protection
CE / cRUus

DRIVER 200W - MEANWELL



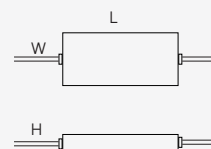
K-AL200R-24

Driver 200W

Constant Voltage 24V IP67
L*W*H = 244x71x37.5mm

Shortcut / Overload / Overvoltage protection
CE / cRUus

DRIVER 250W - MEANWELL



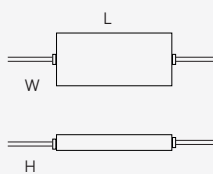
K-AL250R-24

Driver 250W

Constant Voltage 24V IP67
L*W*H = 244x71x37.5mm

Shortcut / Overload / Overvoltage protection
CE / cRUus

DRIVER 300W - MEANWELL



K-AL300R-24

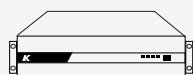
Driver 300W

Constant Voltage 24V IP67
L*W*H = 246x77x39.5mm

Shortcut / Overload / Overvoltage protection
CE / cRUus

AMPLIFIERS*

S-KA AMPLIFIERS



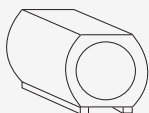
The Kommander series from K-array is a line of powerful, intelligent amplifiers designed to elevate your audio systems. Featuring powerful DSPs and Class D amplifier modules, the Kommander series can adapt to any context and extend your sound like never before.

NOTE: Amplifiers are mandatory for the audio functionality. Remember to choose the amplifier in the K-array catalogue.

● Black

SUBWOOFER

S-KTR TRUFFLE

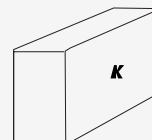


The Truffle line consists of incredibly small yet extremely powerful subwoofers designed to be hidden from view (exe under a table)

NOTE

The subwoofers are not necessary, but optional when wanting to use a mid-range preset to provide the best low frequencies to designed spaces.

S-KU RUMBLE



The Rumble line features defined and classic lines, and it is extremely compact. Rumble boasts a very extended low-frequency response.

NOTE

The subwoofers are not necessary, but optional when wanting to use a mid-range preset to provide the best low frequencies to designed spaces.

Amplifiers and Subwoofers are essential components for the functioning of the audio system. For more information, please visit the website <https://www.k-array.com/en>.