

ARCHITECTURAL FX

Technicians of Light

Connect Rosi 100° Linear Cove AC Linear Light System High Performance DMX Interior Cove Fixture



General Information

Mains 100 to 277VAC Input Plug and Play linear system
Module lengths 305mm, 1219mm
RGBW
RGBA
CRI>80
100° Linear Cove
Interior IP40
Tilttable

Available with the following technology options

'Coda' - Intuitive RDM Protocol 'Forte' - Power Balance ZCL 'Tone' - RGB+W White Balance
'Sense' - SIP Settable White (Patented)
'Shift' - SIP/Bluetooth Settable Colour (Patent Pending)
'Token' - DMX PT-Auto Addressing (Patented)

For an explanation on these technologies please go to FAQs @ www.architecturalfx.co.uk

Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Output	Condition
Beam Angle (frosted)	100°
Beam Angle (optional)	See additional Rosi specification
Lumens* DW 2700K CCT (80CRI)	705 lm/m
Lumens* DW 3000K CCT (80CRI)	605 lm/m
Lumens* DW 3500K CCT (80CRI)	656 lm/m
Lumens* DW 4000K CCT (80CRI)	720 lm/m
Lumens* 100%	1345 lm/m
Lumens* Red (624-634nm)	540 lm/m
Lumens* Green (520-540nm)	1345 lm/m
Lumens* Royal Blue (440-460nm)	425 lm/m
Lumens* White (RGBW Model, 3000K CCT, 80CRI)	1050 lm/m
Lumens* PC Amber (RGBA Model)	TBD lm (per linear foot)
Efficacy* (native, full-on, lm/W)	38lm/W
LED Channels (4)	Red, Green, Royal Blue, White (3000K) or PC Amber

Electrical	Condition
Input Voltage	100 to 277VAC, auto-ranging, 50/60Hz
Power Consumption	32.8w/m Typ
Power Factor	0.99 @ 120VAC, 0.90 @ 277VAC
Surge	4kV maximum common (Gnd to L, Gnd to N)

Control	Condition
Luminaire	DMX (RDM compliant)
Control System	Provided by Others
Interface	Provided by Others
Remote Monitoring & Management	Provided by Others

*Calculated Values:

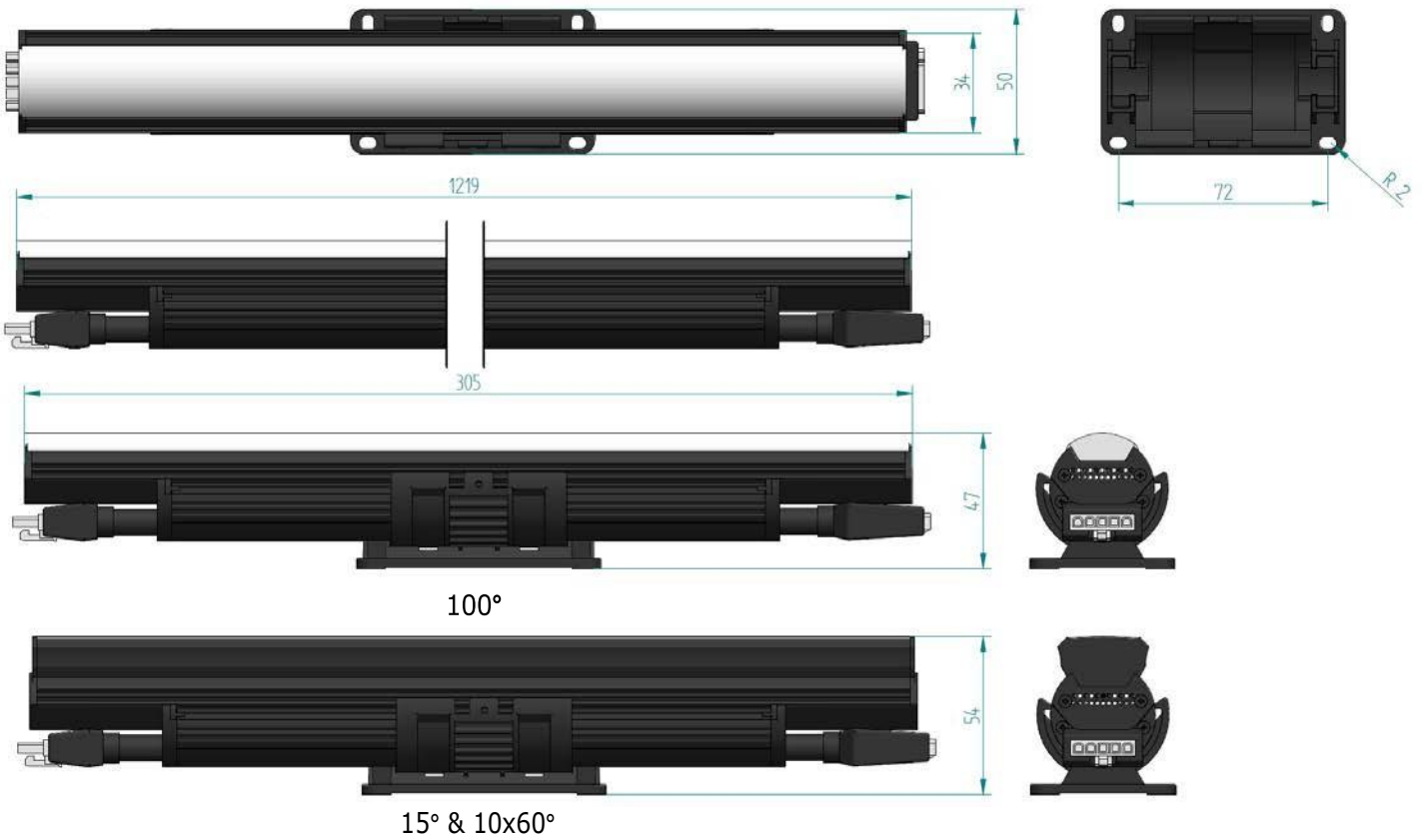
The luminous flux, radiant power, chromaticity, forward voltage and CRI measurements in this document are calculated specifications only. Actual results will vary within tolerance of +/- 5%

Physical	Condition
Dimensions (Height x Width x Length)	47 x 50 x 305/1219mm (1.8 x 2.0 x 12/48inch)
Weight	0.6 kg (1.32 lb) 305mm, 1.8 kg (3.96 lb) 1219mm
Housing Material	Extruded aluminum, black powder-coated finish
Lens	Frosted polycarbonate
Connections	Integral male/female quick connectors

Environment	Condition
Temperature Ranges	-40 to 50° C (-40 to 122° F) Operating
	-20 to 50° C (-4 to 122° F) Startup
	-40 to 80° C (-40 to 176° F) Storage
Vibration Resistance	N/A
Impact (Mechanical)	N/A
Corrosion Resistance	N/A
Humidity	0 to 95%, non-condensing

Certification & Safety	Condition
Approbation	ETL, CE
Environment	Dry/Damp Location, IP40

Dimensions



Photometrics

17x35° Clear, 1219mm

Photometric Data	Condition
Beam Angle	105.5°
LED	RGBW (3000K)
Lumens (lm)	1641.3lm
Input Power (W)	44.81W
Efficacy (lm/W)	36.6lm/W
Peak Candela (Cd)	564.2Cd

Zone	Lumens	% Luminaire
0-30	427.2	26.0
0-40	689.3	42.0
0-60	1,186.0	72.3
60-90	368.0	22.4
70-100	217.7	13.3
90-120	61.0	3.7
0-90	1,554.1	94.7
90-180	86.8	5.3
0-180	1,640.9	100

Center Beam (fc/lx)		Beam Width (cm)
1.5m	23.28 / 250.66	394.52
2.0m	13.10 / 141.00	526.03
4.0m	3.27 / 35.25	1052.05
4.5m	2.59 / 27.85	1183.56
6.0m	1.46 / 15.67	1578.08

Luminaire and Accessories

Luminaire	Item Code
1' Indoor RGBW 100° Linear Cove (DMX-RDM)	M11-00000679-0002-001
4' Indoor RGBW 100° Linear Cove (DMX-RDM)	M11-00000656-0002-001
1' Indoor RGBA 100° Linear Cove (DMX-RDM)	M11-00000679-0002-002
4' Indoor RGBA 100° Linear Cove (DMX-RDM)	M11-00000656-0002-002

Accessories	Item Code
10' Starter Cable + Cap	T16-00000054-0006
2' Jumper Cable	T16-00000352-0001
Data Terminator Plug	T16-00000054-0010