

# ARCHITECTURAL FX

Technicians of Light

## Connect Rosi 17 x 35° Linear Grazer AC Linear Light System High Performance DMX Interior LED Grazer



### General Information

Mains 100 to 277VAC Input Plug and Play linear system  
Module lengths 305mm, 1219mm  
RGBW  
RGBA  
CRI>80  
17 x 35° Linear Grazer 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](http://www.architecturalfx.co.uk)

# Specifications

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

Output	Condition
Beam Angle (frosted)	17x35°
Beam Angle (optional)	See additional Rosi specification
Lumens* DW 2700K CCT (80CRI)	575 lm/m
Lumens* DW 3000K CCT (80CRI)	525 lm/m
Lumens* DW 3500K CCT (80CRI)	575 lm/m
Lumens* DW 4000K CCT (80CRI)	620 lm/m
Lumens* 100%	1215 lm/m
Lumens* Red (624-634nm)	490 lm/m
Lumens* Green (520-540nm)	1340 lm/m
Lumens* Royal Blue (440-460nm)	425 lm/m
Lumens* White (RGBW Model, 3000K CCT, 80CRI)	985 lm/m
Lumens* PC Amber (RGBA Model)	TBD lm/m
Efficacy* (native, full-on, lm/W)	32lm/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:

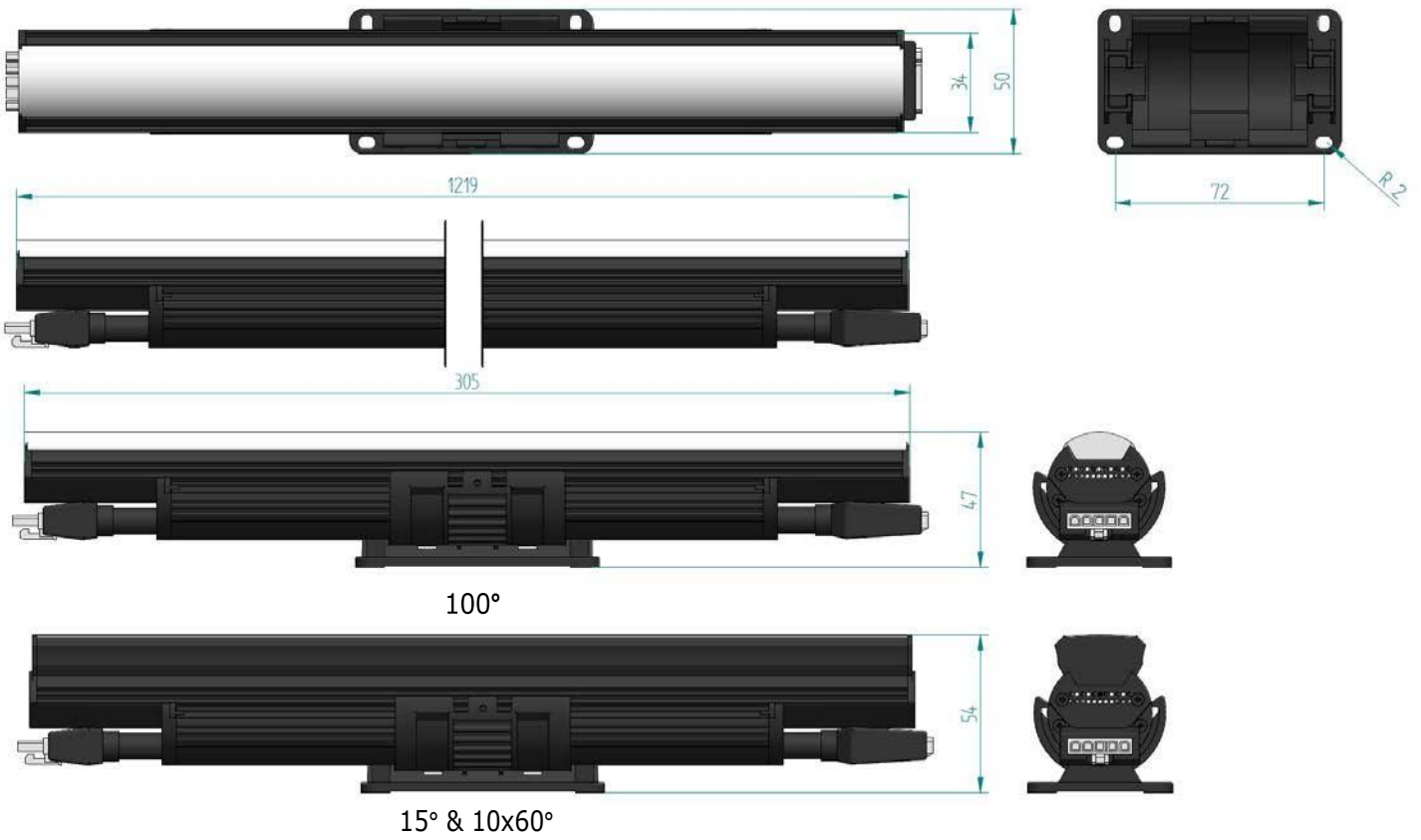
The luminous flux, radiant power, chromaticity, forward voltage and CRI measurements in this document are calculated specifications only. Actual results will vary within tolerance of +/- 5%

Physical	Condition
Dimensions (Height x Width x Length)	54 x 50 x 305/1219mm (2.1 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	Clear 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	19.1 x 35.2°
LED	RGBW (3000K)
Lumens (lm)	1474lm
Input Power (W)	46.66W
Efficacy (lm/W)	32lm/W
Peak Candela (Cd)	4776Cd

Zone	Lumens	% Luminaire
0-30	1,147.9	78.2
0-40	1,271.5	86.7
0-60	1,397.8	95.3
60-90	43.8	3.0
70-100	18.2	1.2
90-120	5.5	0.4
0-90	1,441.6	97.8
90-180	25.6	1.7
0-180	1,467.2	99.5

Center Beam (fc/lx)		Beam Width (cm)
1.5m	192.89 / 2076.32	73.41
2.0m	108.50 / 1167.93	97.88
4.0m	27.13 / 291.98	195.76
4.5m	21.43 / 230.70	220.23
6.0m	12.05 / 129.77	293.64

# Luminaire and Accessories

Luminaire	Item Code
1' Indoor RGBW 17x35° Linear Cove (DMX-RDM)	M11-00000679-0003-001
4' Indoor RGBW 17x35° Linear Cove (DMX-RDM)	M11-00000656-0003-001
1' Indoor RGBA 17x35° Linear Cove (DMX-RDM)	M11-00000679-0003-002
4' Indoor RGBA 17x35° Linear Cove (DMX-RDM)	M11-00000656-0003-002

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