

Connect Jema 8° Linear Grazer (Multiple Beam Angle)

AC Linear Light System

High Performance 0-10V Exterior LED Grazer



General Information

Mains 100 to 277VAC Input Plug and Play linear system.

Module lengths 305mm, 1219mm

RGBW

RGBA

CRI>80

15° Linear Grazer

Interior/Exterior IP66

Tiltable

Specifications

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

Output	Condition
Beam Angle	8° High Candela
Beam Angle (optional)	See additional Jema specification
Lumens* 2700K CCT (80CRI)	3500 lm/m
Lumens* 3000K CCT (80CRI)	3550 lm/m
Lumens* 3500K CCT (80CRI)	3600 lm/m
Lumens* 4000K CCT (80CRI)	3870 lm/m
Lumens* Red (624-634nm)	TBD lm (per linear m)
Lumens* Green (520-540nm)	TBD lm (per linear m)
Lumens* Royal Blue (440-460nm)	TBD lm (per linear m)
Lumens* PC Amber	TBD lm (per linear m)
Efficacy* (lm/W)	100l m/W

Electrical	Condition
Input Voltage	100 to 277VAC, auto-ranging, 50/60Hz
Power Consumption	40w Typ (per linear m, steady state)
Power Factor	0.99 @ 120VAC, 0.90 @ 277VAC
Surge	4kV maximum common (Gnd to L, Gnd to N)

Control	Condition
Luminaire	0-10V
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%

Specifications

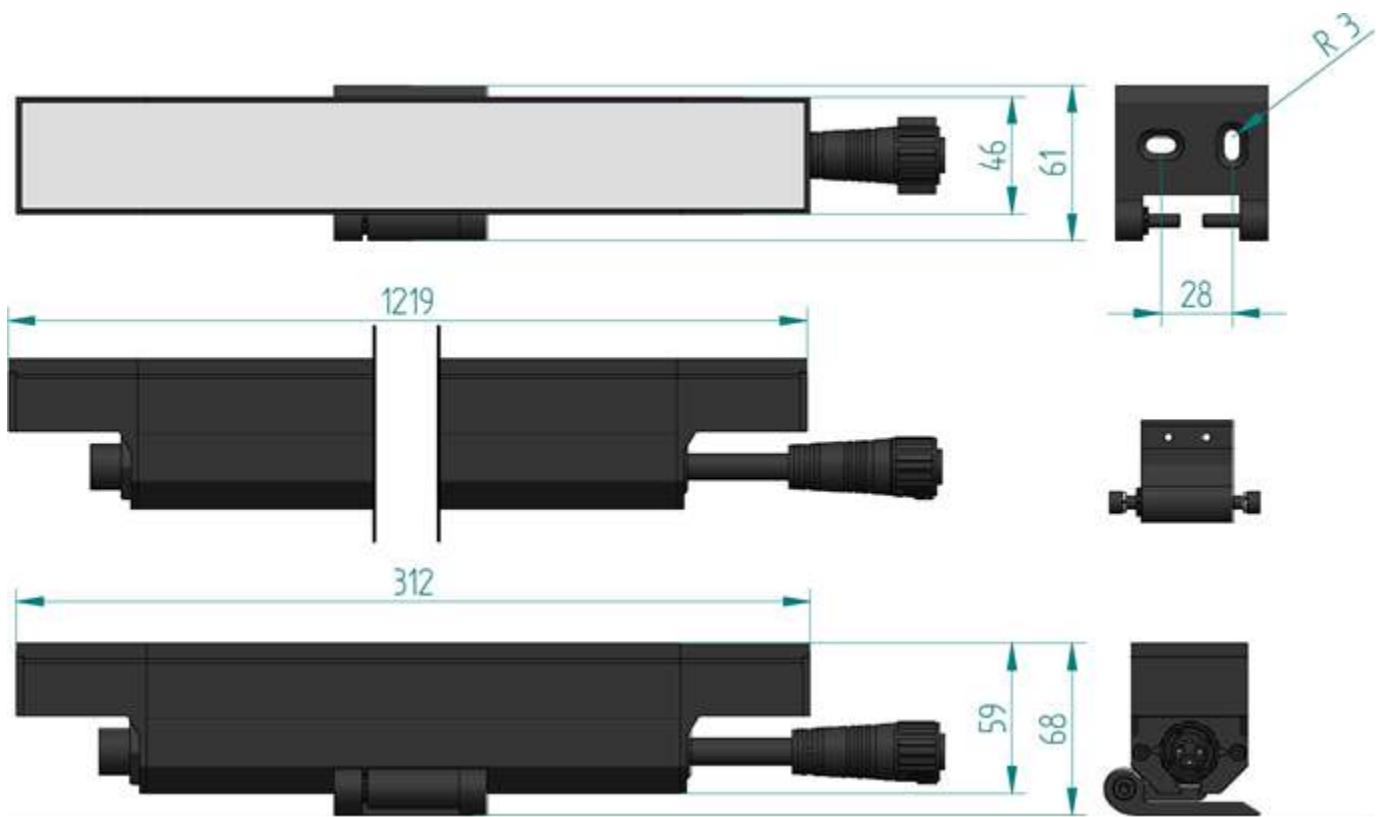
Due to continuous improvements and innovations, specifications may change without notice.

Physical	Condition
Dimensions (Height x Width x Length)	59 x 46 x 305/1219mm
Weight	0.85 kg 305mm, 3.2 kg 1219mm
Housing Material	Extruded aluminum, black powder-coated finish
Lens	Clear tempered glass
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	Complies with ANSI C136.31, 3G
Impact (Mechanical)	IK08
Corrosion Resistance	Complies with ASTM B117 standard for > 1,500 hours
Humidity	0 to 95%, non-condensing

Certification & Safety	Condition
Approbation	ETL, CE
Environment	Dry/Damp Location, IP66

Dimensions



Photometrics

8° Clear, 1219mm

Photometric Data	Condition
Beam Angle	10.1°
LED	4000K
Lumens (lm)	4728.2lm
Input Power (W)	45.6W
Efficacy (lm/W)	103.8lm/W
Peak Candela (Cd)	113,031Cd

Zone	Lumens	% Luminaire
0-30	4,384.4	93.2
0-40	4,4480.7	95.3
0-60	4,629.3	98.5
60-90	72.6	1.5
0-90	4,701.8	100

Center Beam (fc/lx)		Beam Width (cm)
1.5m	4667.08 / 50236.05	26.51
2.0m	2625.23 / 28257.78	35.35
4.0m	656.31 / 7064.44	70.69
4.5m	518.56 / 5581.78	79.53
6.0m	291.69 / 3139.75	106.04

Luminaire and Accessories

Luminaire	Item Code
305mm Outdoor 2700K 8° Linear Graze (0-10V)	M11-00000771-0001-002
1219mm Outdoor 2700K 8° Linear Graze (0-10V)	M11-00000704-0001-002
305mm Outdoor 3000K 8° Linear Graze (0-10V)	M11-00000771-0001-001
1219mm Outdoor 3000K 8° Linear Graze (0-10V)	M11-00000704-0001-003
305mm Outdoor 3500K 8° Linear Graze (0-10V)	M11-00000771-0001-003
1219mm Outdoor 3500K 8° Linear Graze (0-10V)	M11-00000704-0001-001
305mm Outdoor 4000K 8° Linear Graze (0-10V)	M11-00000771-0001-004
1219mm Outdoor 4000K 8° Linear Graze (0-10V)	M11-00000704-0001-004
305mm Outdoor Red 8° Linear Graze (0-10V)	Please Inquire
1219mm Outdoor Red 8° Linear Graze (0-10V)	Please Inquire
305mm Outdoor Green 8° Linear Graze (0-10V)	Please Inquire
1219mm Outdoor Green 8° Linear Graze (0-10V)	Please Inquire
305mm Outdoor Blue 8° Linear Graze (0-10V)	Please Inquire
1219mm Outdoor Blue 8° Linear Graze (0-10V)	Please Inquire
305mm Outdoor Amber 8° Linear Graze (0-10V)	Please Inquire
1219mm Outdoor Amber 8° Linear Graze (0-10V)	Please Inquire

Accessories	Item Code
1.5m Jumper Cable (UL)	T16-00000203-0002
0.6m Jumper Cable (UL)	T16-00000202-0002
12m Leader Cable DMX (UL)	T16-00000201-0004
3m Leader Cable DMX (UL)	T16-00000200-000
305mm LSD Film Insert 10°	T16-00000358-0001
305mm LSD Film Insert 20°	T16-00000359-0001
305mm LSD Film Insert 40°	T16-00000360-0001
305mm LSD Film Insert 1 x 30°	T16-00000365-0001
305mm LSD Film Insert 1 x 60°	T16-00000366-0001
1219mm LSD Film Insert 10°	T16-00000358-0002
1219mm LSD Film Insert 20°	T16-00000359-0002
1219mm LSD Film Insert 40°	T16-00000360-0002
1219mm LSD Film Insert 1 x 30°	T16-00000365-0002
1219mm LSD Film Insert 1 x 60°	T16-00000366-0002
Termination Cap	Please Inquire