

Luminaires characteristics

POWER (W/ft)	OPTIC	MODEL	LUMEN (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
HO 16.5W/ft	FL 38"x38"	RGBW830	467	28	761
	WGWF 16"x64"		629	38	2 080
	ELLF 38"x84"		383	23	361

Source: RGBW, white LED: 3000K, 80CRI
RGBW, white LED: 4000K, 80CRI

Lumen maintenance: 80% of initial lumens at 100 000 hours (L80 B10)
Ta 77°F and 104°F (25°C and 40°C)

Optic: Symmetrical optics: Flood.
Wall grazer optics: Wide flood.
Elliptical optic: Flood 38"X84".

Material: Body: Extruded aluminum
End caps: Die-cast aluminum alloy
Protective screen: 5/32" (4mm) sodium-calcium tempered sealing glass with silk screen.
Optic diffuser: PMMA (polymethyl methacrylat)
Hardware: Stainless steel.

Mounting: Ceiling, floor or wall mounted with arm accessories.
Ground installation with arms on spike.

Electrical: Integral high efficiency LED driver, rated at 50 000 hours. 6AMP, 120V/277V. Supplied with cables and connectors between modules and 6.5' (2000mm) feed cable for 5.9' and more continuous row compositions.

Dimming: DMX-RDM control (120-277V), down to 1%.

Temperature of operation: -22°F to 122°F (-30°C to 50°C)

Finish: Black (RAL9005), Gray (RAL9007), Rust Brown (RAL8017) and White (RAL9016) painted with a high level of weather and UV resistance. The semi-gloss finish coating is electrostatically applied durable acrylic enamel baked at high temperatures for superior color retentive finish. We provide RAL numbers that are similar, but we cannot guarantee an exact color match. For a more accurate color and gloss match, please contact customer service for a sample chip.

Weight: 1.9lb/ft (0.86kg/ft)

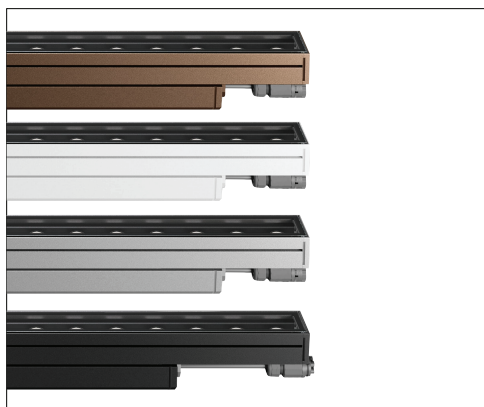
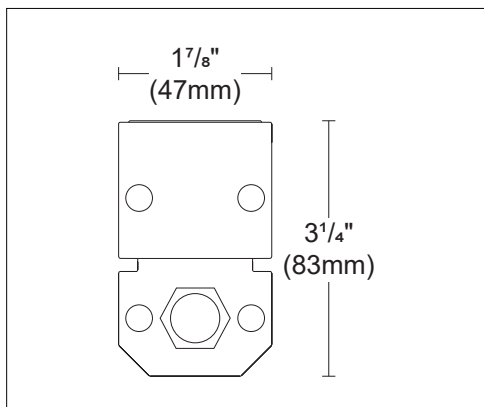
Warranty: 5 year limited warranty.

Ratings: IP66, IK06

Certification:



cULus listed for wet location



ORDERING INFO

PRODUCT CODE



MODEL	LENGTH ¹									
ILM47 Linealuce 47 Surface		OUTPUT	LED	OPTIC	MOUNTING	ARM	VOLTAGE	FINISH	DIMMING	OPTIONAL OPTICAL ACCESSORIES ⁵
		HO High output 399 to 629lm/ft 16.5 W/ft	RGBW830 RGB White 3000K,80 CRI RGBW840 RGB White 4000K,80 CRI	SYMMETRICAL FL Flood 38°x38° GRAZER WGWF Wall grazer wide Flood 16°x64° ELLIPTICAL ELLF Elliptical Flood 38°x84°	M Arm installation on surface G ² Ground spike	1 ⁴ Short arm with granular adjustment 2 Short adjustable arms 3 Adjustable arms L: 2¾" 4 ² Adjustable arms L: 3¾" 5 ³ Adjustable arms L: 7¾"	UNV 120-277V	01 White 02 Black 15 Gray F5 Rust brown	DMX RDM	A3 Internal transversal louver A4 Internal longitudinal louver A5 Internal honeycomb louver A6 Internal microlouver NA No internal accessory

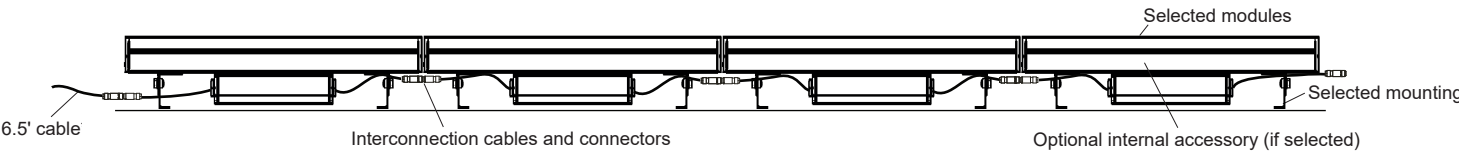
(1) Length 5.9' and more are module composition in continuous row. The composition length includes the standard 6mm between the module. 1.1' module are not used and recommended for continuous row application. See page 5 for details.
(2) Ground spike with 3¾" adjustable arms (G4) not compatible with external accessories (A1, A2).
(3) Available for surface (M) mounting only.
(4) Not available for 1.1' module.
(5) Before ordering, see optical accessories compatibility page 3.

MAXIMUM LENGTH FOR CONTINUOUS ROW

LINEALUCE 47 RGBW DMX				
	QTY	120VAC	QTY	277VAC
HO 16.5W/ft	9	44.5'	20	98.9'

Qty refers to the maximum module quantity. The maximum length is calculated with 4.9' (1502mm) module.

INCLUDED IN PRODUCT CODE



* Cable is included for 5.9' and more. For single module, order cable separately.

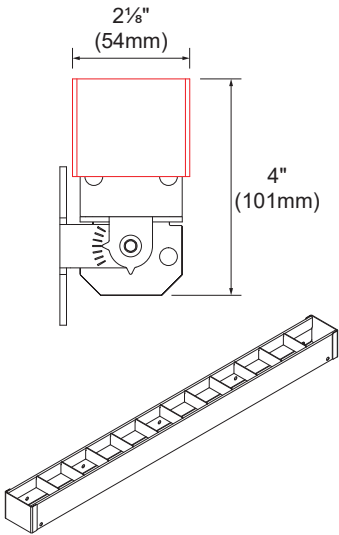
ACCESSORIES

Consult instruction sheet for limitations and detail on installation.
All optical accessories must be assemble to the product before installation.

EXTERNAL ACCESSORIES
(TO BE ORDERED SEPARATELY)

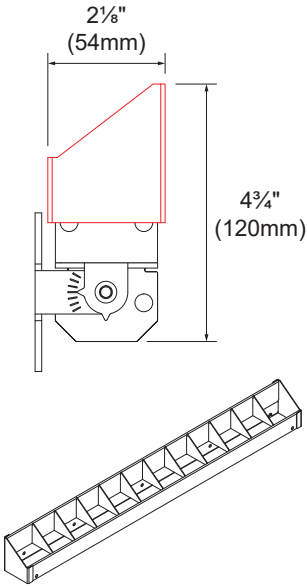
External symmetrical screen
Color: Black

- ☐ **IX990-02**
L=1.1' (340mm)
- ☐ **IX373-02**
L=2' (614mm)
- ☐ **IX374-02**
L=2.9' (911mm)
- ☐ **IX375-02**
L=3.9' (1208mm)
- ☐ **IX376-02**
L=4.9' 1505mm)



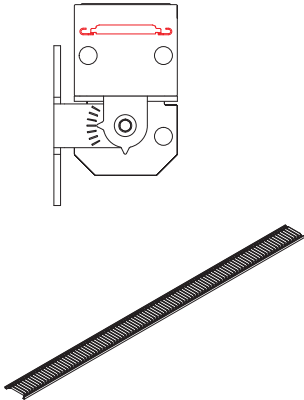
External asymmetrical screen
Colour: Black

- ☐ **IX998-02**
L=1.1' (340mm)
- ☐ **IX369-02**
L=2' (614mm)
- ☐ **IX370-02**
L=2.9' (911mm)
- ☐ **IX371-02**
L=3.9' (1208mm)
- ☐ **IX372-02**
L=4.9' 1505mm)

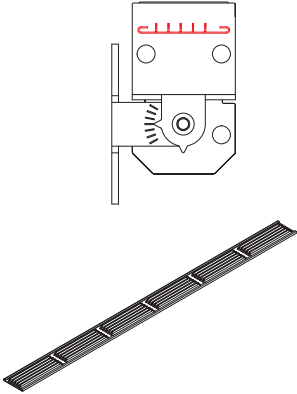


INTERNAL ACCESSORIES (Installed in factory)

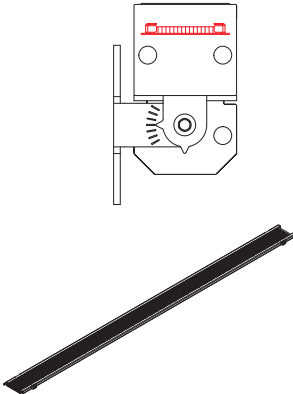
A3 - Internal transversal louver
Colour: Black



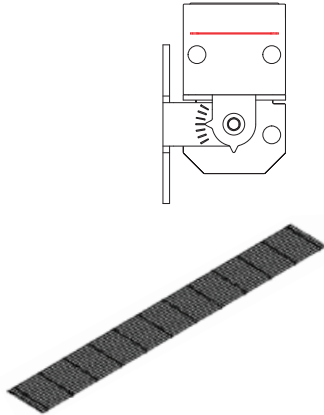
A4 - Internal longitudinal louver
Colour: Black



A5 - Internal honeycomb louver
Colour: Black



A6 - Internal microlouver
Colour: Black



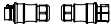



OPTIC / OPTIONAL OPTIC ACCESSORY COMPATIBILITY

RGBW

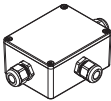
OPTIONAL OPTIC ACCESSORY	A1 SNOOT	A2 VISOR	A3 TRANSVERSAL LOUVER	A4 LONGITUDINAL LOUVER	A5 HONEYCOMB LOUVER	A6 MICROLOUVER
FL	✓	✗	✓	✓	✓	✓
WGWF	✗	✓	✓	✓	✓	✓
ELLF	✗	✗	✗	✓	✗	✓

ACCESSORIES
(TO BE ORDERED SEPARATELY)
Consult instruction sheet for detail on installation.

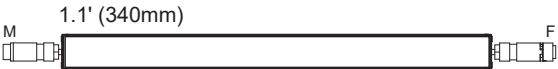
CABLE

DMX	
<input type="checkbox"/> IX964 6 poles, use with 6/18AWG SJOOW wire type	Female/Male connector IP68. 
<input type="checkbox"/> IXA64 Include DMX resistor and female connector	2' (686mm) ø0.15' cable with male/male connector. 
<input type="checkbox"/> IXA63 Include DMX resistor and male connector	6.5' (2000mm) with female connector. 
<input type="checkbox"/> IXA65	2' (686mm) cable with male/female connector. 

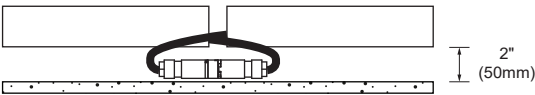
- ☐ **4543-00** Wet location junction box. Aluminium unfinished. Includes 3 cable clamp for ø3/16 to 7/16in cable and 1 plug.



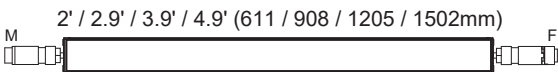
WIRING INFORMATION



For 1.1' module, the distance between module can be up to 24" (610mm). For bigger distance, use a jumper cable.



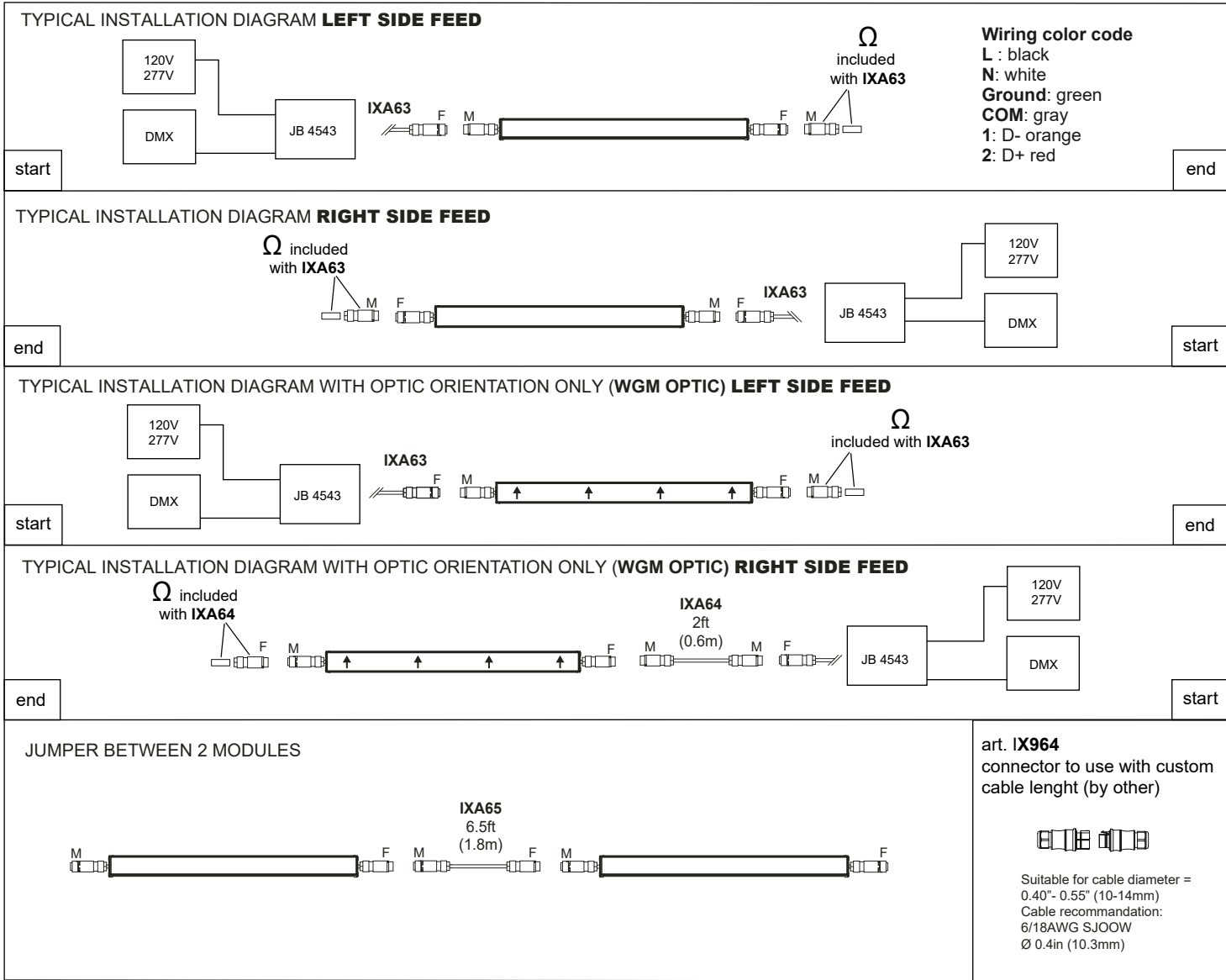
TOP VIEW



For 2' to 4.9' modules, the distance between the module should be minimum 1/4" (6mm) and maximum 3/4" (20mm). For greater distance, use a jumper cable.

ACCESSORIES
(TO BE ORDERED SEPARATELY)
Consult instruction sheet for detail on installation.

WIRING INFORMATION
DMX



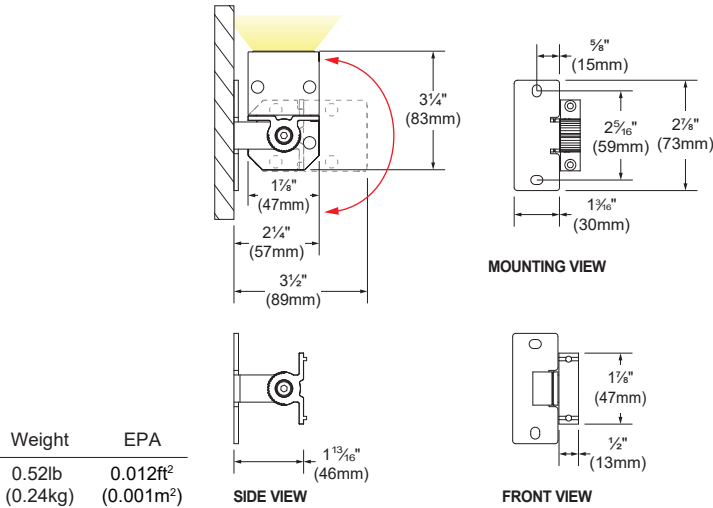
PRODUCT VERSION	ADDRESSES	DMX ADDRESSES			
		1	2	3	4
RGBW	4	Red	Green	Blue	White

MOUNTING AND DIMENSIONS

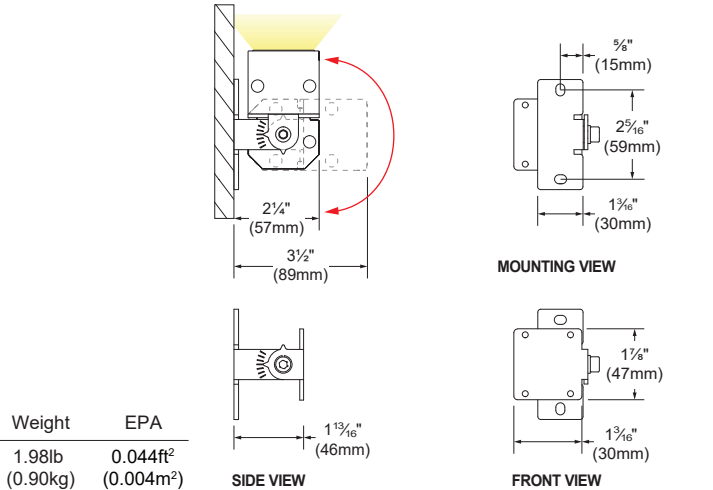
Consult instruction sheet for detail on installation.

ARM INSTALLATION ON SURFACE

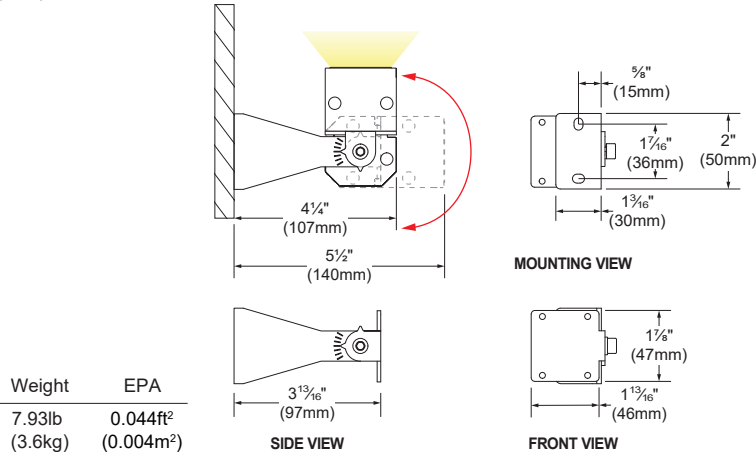
M1 - Pair of short stainless steel arm with granular adjustment. Not compatible with 1.1' module.
(X391)



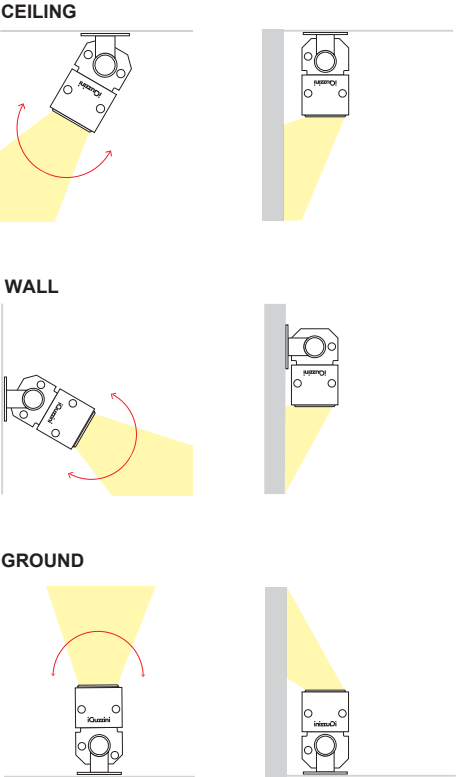
M2 - Pair of stainless steel adjustable arms.
(X392)



M3 - Pair of stainless steel adjustable arms, L: 2 3/8" (60mm).
(X393)



PERMITTED INSTALLATION POSITION



MODULE LENGTH	EPA*
1.1' (304mm)	0.57ft ² (0.053m ²)
2' (611mm)	0.94ft ² (0.087m ²)
2.98' (908mm)	1.496ft ² (0.139m ²)
3.95' (1205mm)	2.045ft ² (0.190m ²)
4.93' (1502mm)	2.616ft ² (0.243m ²)

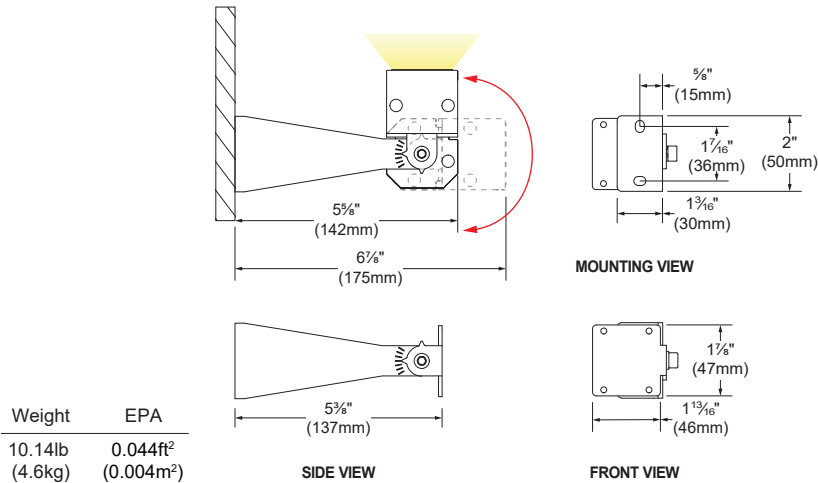
* Calculated with visor accessory.
To have the total EPA, add all the value EPA items in composition. Consult page 9 for other length composition.

MOUNTING AND DIMENSIONS

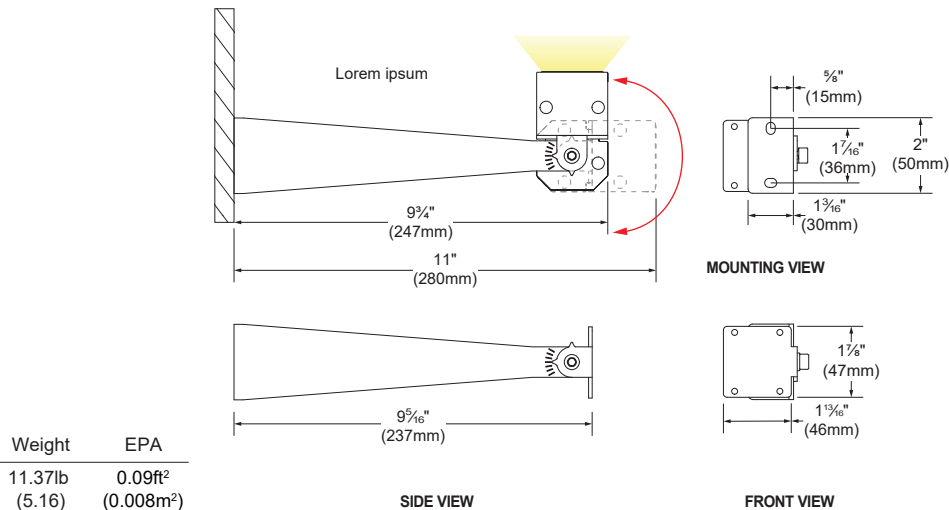
Consult instruction sheet for detail on installation.

ARM INSTALLATION ON SURFACE

M4 - Pair of stainless steel adjustable arms, L: 3 3/8" (100mm).
(X394)



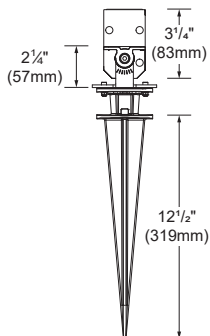
M5 - Pair of stainless steel adjustable arms, L: 8 3/4" (223mm).
(X395)



SPIKE IN SOIL WITH PIVOT ARM

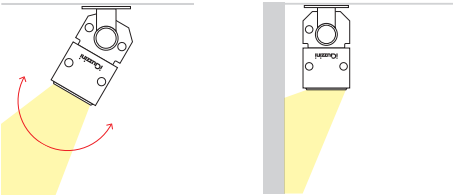
(To be used together with arms)

G1 - Pair of spikes and pair of short stainless steel adjustable arms.
(X476 + X391)

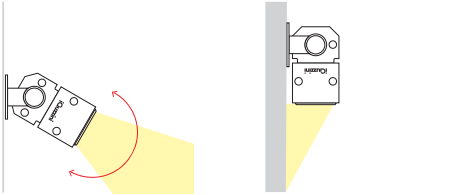


PERMITTED INSTALLATION POSITION

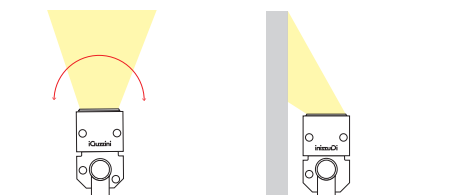
CEILING



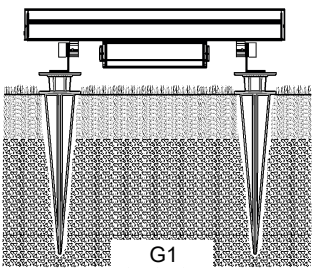
WALL



GROUND



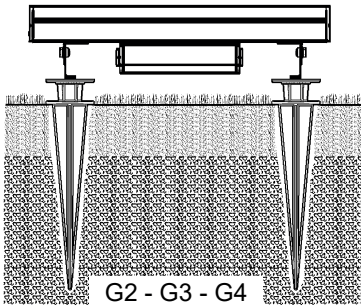
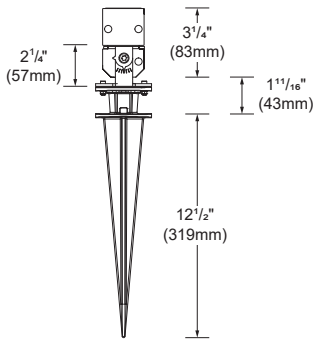
PERMITTED INSTALLATION POSITION



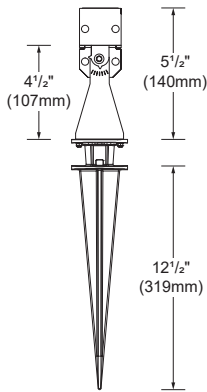
SPIKE IN SOIL WITH PIVOT ARM
(To be used together with arms)

PERMITTED INSTALLATION POSITION

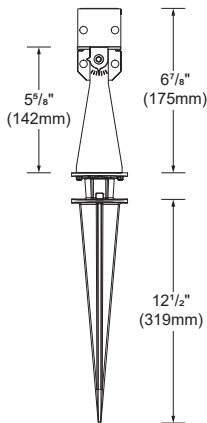
G2 - Pair of spikes and pair of short stainless steel adjustable arms.
(X476 + X392)



G3 - Pair of spikes and pair of stainless steel adjustable arms, L: 2 3/4" (60mm).
(X476 + X393)

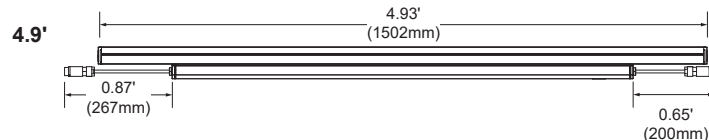
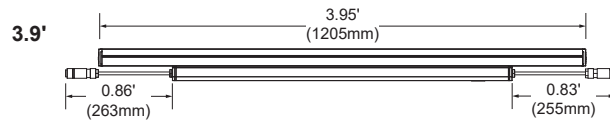
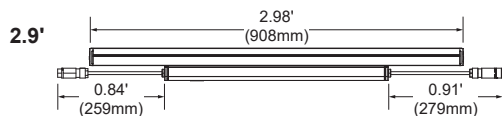
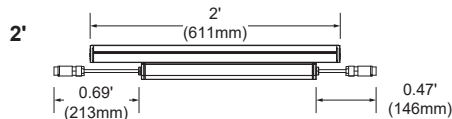
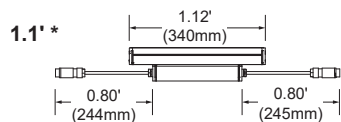


G4 - Pair of spikes and pair of stainless steel adjustable arms, L: 3 3/8" (100mm).
(X476 + X394)



LENGTHS

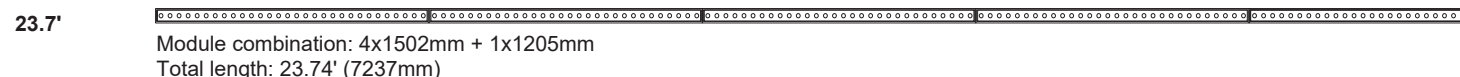
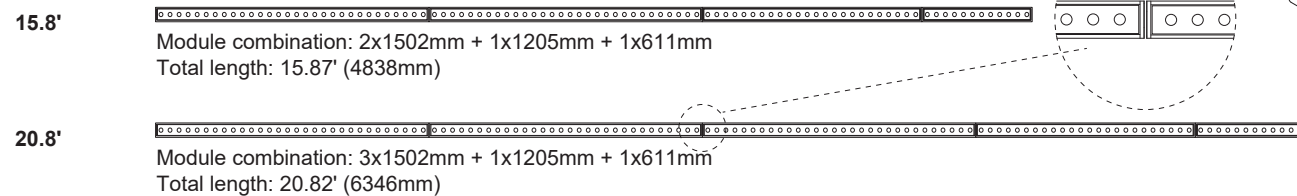
All units are equipped with 2 connectors (male / female) for through wiring.



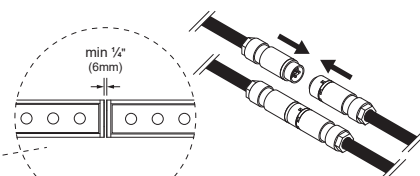
*1.1' module is not recommended to use in continuous row.

CONTINUOUS ROWS EXAMPLE

Single elements can be combined to obtain dark spot free continuous row with a single feed point. Interconnecting power cable and hardware are preconfigured at the factory and supplied with the luminaires. Note that 1/4" (6mm) spacing minimum is required for continuous rows installation and is included in the dimensions below and in the ordering info.

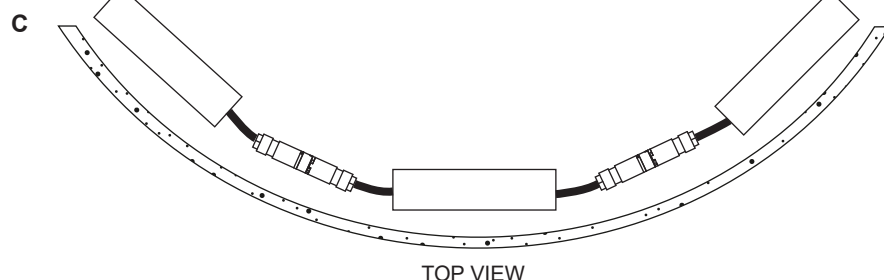
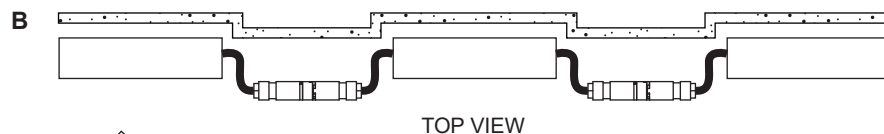
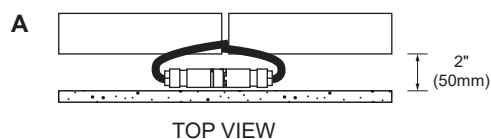


PLUG AND PLAY QUICK CONNECTOR INSTALLATION



1FT MODULE USE EXAMPLE

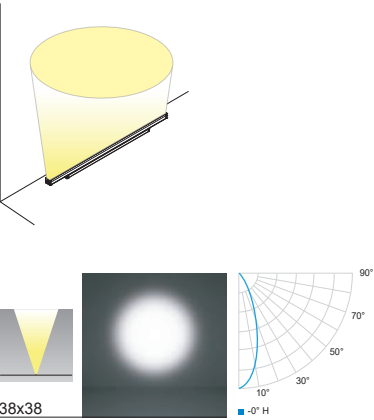
Because of the small dimension, the 1.1' module need a 2" space to allow the cable loop (A). For that reason, we recommend using the 1.1' module for niche (B) or with a distance between module (C).



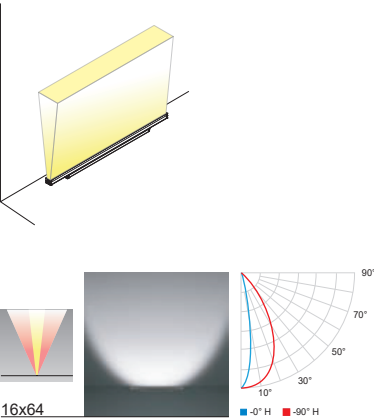
OVERVIEW

OPTICS

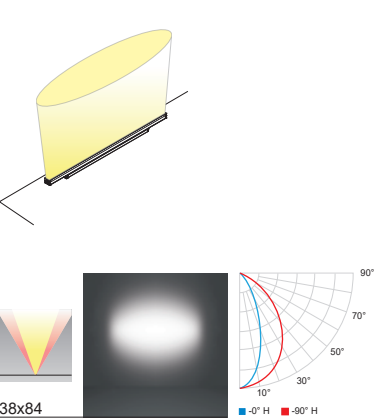
SYMMETRICAL



GRAZER



ELLIPTICAL



PHOTOMETRIC DATA

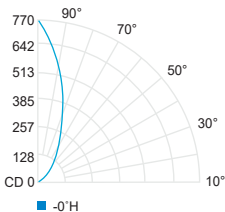
Power can vary with selected drivers. Efficacy based on IESNA LM-79 test reports.
Visit iguzzini.com/us/ for complete photometric

FLOOD
38x38

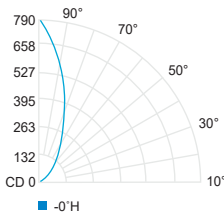


MODEL	CCT (K)	CRI	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/w)	MAX CANDELA (cd)
RGBW830	3000K	80	16.5W/ft	467	28	761
RGBW840	4000K			484	29	788

RGBW830 (3000K, 80CRI)



RGBW840 (4000K, 80CRI)

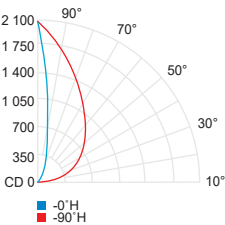


WALL GRAZER WIDE FLOOD
16x64

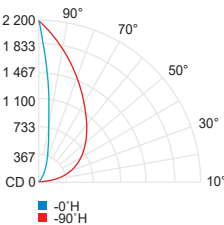


MODEL	CCT (K)	CRI	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/w)	MAX CANDELA (cd)
RGBW830	3000K	80	16.5W/ft	629	38	2 080
RGBW840	4000K			651	39	2 153

RGBW830 (3000K, 80CRI)



RGBW840 (4000K, 80CRI)

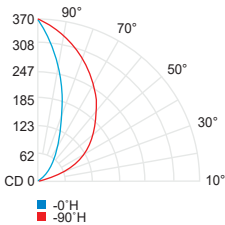


ELLIPTICAL FLOOD
38x84



MODEL	CCT (K)	CRI	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/w)	MAX CANDELA (cd)
RGBW830	3000K	80	16.5W/ft	383	23	361
RGBW840	4000K			399	24	376

RGBW830 (3000K, 80CRI)



RGBW840 (4000K, 80CRI)

