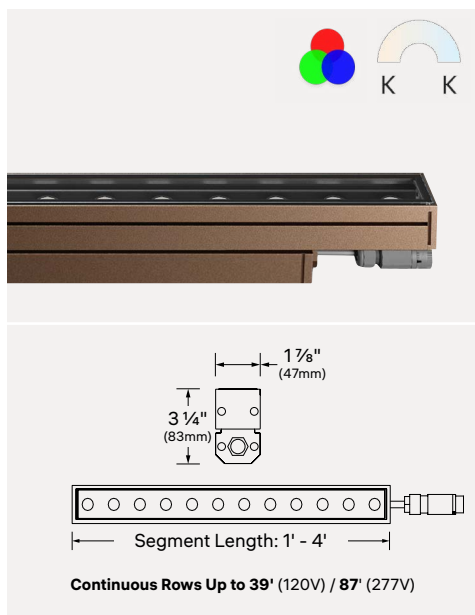


LINEALUCE 47

Surface Integral - RGB and Tunable White

Project: _____

Type: _____



PHOTOMETRIC SUMMARY

Output	Optic	Lumens (lm/ft)	Efficacy (lm/W)	Max Candela (cd)
RGB	FL - 38°×38°	399	22	673
	WGWF - 16°×64°	547	31	1 847
	ELLF - 38°×84°	370	21	354
TUNABLE WHITE 2700K-5000K	FL - 38°×38°	945	53	1 775
	WGWF - 16°×64°	1 277	72	3 561
	ELLF - 38°×84°	892	50	798

For 3000K, 80CRI. Consult [page 10](#) for full photometric data.

FEATURES

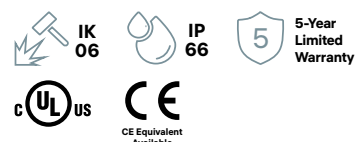
- DMX down to 1%
- Additional sizing available with remote driver: [27 \(1.06"\)](#), [37 \(1.50"\)](#), & [47 \(1.85"\)](#)
- Plug and play quick connectors for continuous rows
- Consult factory for further customization
- Full specification available [page 5](#)

FINISH OPTIONS



Consult factory for custom finishes

OPTIC OPTIONS



ORDERING INFO

PRODUCT CODE

EXAMPLE: LM47-05-BO-827-SP-M1-UNV-01-D10-NA

MODEL	LENGTH ¹	OUTPUT	LED	OPTIC	MOUNTING
LM47 Linealuce 47		HO High Output	RGB Red, Green and Blue	SYMMETRICAL FL Flood 38°×38°	M Arm Installation on Surface
		RGB 370 to 547lm/ft 17.6W/ft	TW82750 Tunable White 2700K to 5000K, 80CRI	WALL GRAZER WGWF Wall Grazer Wide Flood 16°×64°	G² Ground Spike
		TW 892 to 1277lm/ft 17.7W/ft		ELLIPTICAL ELLF Elliptical 38°×84°	

ACCESSORIES

To be ordered separately.

CONNECTION ACCESSORY CODE EXAMPLE: IX566

CONNECTION ACCESSORIES

More information available on [page 3](#).

IX964
Female/Male connector IP68 (DMX)

IXA64
2' (686mm) ø0.15' cable with male/male connector (DMX)

IXA63
6.5' (2000mm) with female connector (DMX)

IXA65
2' (686mm) cable with male/female connector (DMX)

4543-00
Wet location junction box

ARM	VOLTAGE	FINISH	DIMMING	INTERNAL ACCESSORIES ⁵
1⁴ Short Arm with Granular Adjustment	UNV 120-277V	01 White	DMX (down to 1%)	A3 Internal Transversal Louver
2 Short Adjustment Arms		02 Black		A4 Internal Longitudinal Louver
3 Adjustment Arms L: 2 3/8" (60mm)		15 Gray		A5 Internal Honeycomb Louver
4² Adjustment Arms L: 3 3/8" (100mm)		F5 Rust Brown		A6 Internal Microlouder
5³ Adjustment Arms L: 8 3/4" (223mm)				NA No Internal Accessories

¹ Length 06 and more are module composition in continuous row. The composition length includes the standard 6mm between the module. 01 module are not used and recommended for continuous row application. See [page 6](#) for details

² Ground spike with 3/4" adjustable arms (**G4**) not compatible with external accessories (**A1**, **A2**).

³ Available for surface (**M**) mounting only.

⁴ Not available for 01 module.

⁵ Before ordering, see optical accessories compatibility [page 3](#). To order external accessory, (**NA**) must be selected

DM-R7 | Last Update : November 18, 2025

EXTERNAL ACCESSORY CODE EXAMPLE: IX990-02

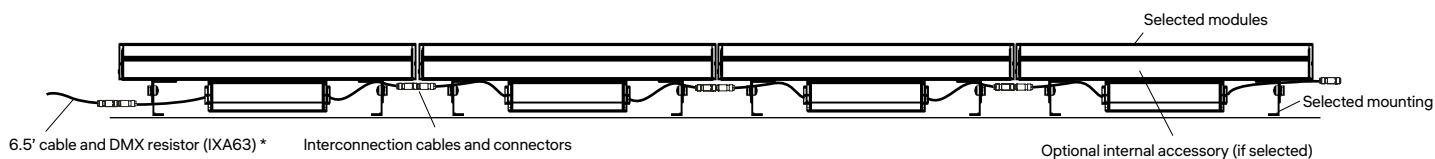
EXTERNAL ACCESSORIES

Detail on external optic accessories are available on [page 2](#).

LINEALUCE 47**Surface Integral - RGB and Tunable White**

Project: _____

Type: _____

INCLUDED IN PRODUCT CODE**ACCESSORIES**

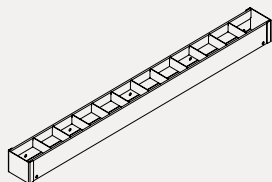
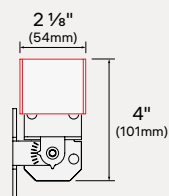
External accessories are not compatible with internal accessories. Code in ordering info on page 1 must finish by -NA. Consult page 3 for compatibility and instruction sheet for details on installation. All optical accessories must be assembled to the product before installation.

OPTIONAL EXTERNAL ACCESSORIES

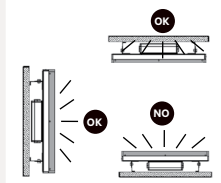
To be ordered separately.

EXTERNAL ACCESSORY CODE

EXAMPLE: IX990-02

A1 EXTERNAL SNOOT (See Page 3)

Not recommended on ground because dirt and leaves can obstruct the light

**IX990-02**

01 Length 1.1' (340mm)
Color Black

IX373-02

02 Length 2' (614mm)
Color Black

IX374-02

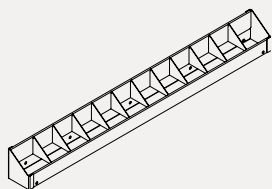
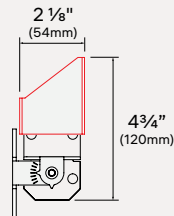
03 Length 2.9' (911mm)
Color Black

IX375-02

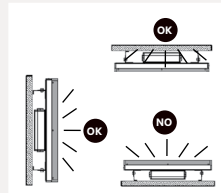
04 Length 3.9' (1208mm)
Color Black

ILM47-A1-XX

Length selected
in the ordering info
Color Black

A2 EXTERNAL VISOR (See Page 3)

Not recommended on ground because dirt and leaves can obstruct the light

**IX998-02**

01 Length 1.1' (340mm)
Color Black

IX369-02

02 Length 2' (614mm)
Color Black

IX370-02

03 Length 2.9' (911mm)
Color Black

IX371-02

04 Length 3.9' (1208mm)
Color Black

ILM47-A2-XX

Length selected
in the ordering info
Color Black

LINEALUCE 47**Surface Integral - RGB and Tunable White**

Project: _____

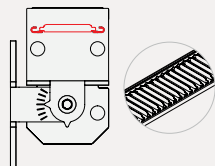
Type: _____

ACCESSORIES

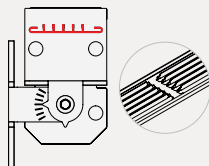
Consult page 3 for compatibility and instruction sheet for details on installation.
All optical accessories must be assembled to the product before installation.

OPTIONAL OPTICAL ACCESSORIES

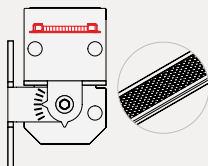
(Installed in factory as selected in ordering info)

INTERNAL ACCESSORIES

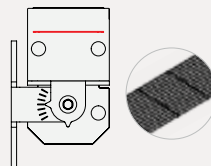
A3
Internal transversal louver
Color Black



A4
Internal longitudinal louver
Color Black



A5
Internal honeycomb louver
Color Black



A6
Internal micro-louver
Color Black

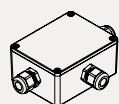
OPTIC / OPTIONAL OPTIC ACCESSORY COMPATIBILITY

1 accessory maximum

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

CONNECTION ACCESSORIES

To be ordered separately.

JUNCTION BOX**4543-00**

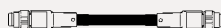
Wet location junction box.

Color Aluminum unfinished
Includes 3 cable clamp for ø3/16 to 7/16in cable and 1 plug.

DMX CABLE**IX964**

Female/Male connector IP68

6 poles, use with
6/18AWG SJOOW wire type

**IXA64**

2' (686mm) ø0.15" cable with
male/male connector.

Include DMX resistor
and female connector

**IXA63**

6.5' (2000mm) with female
connector.

Include DMX resistor
and male connector

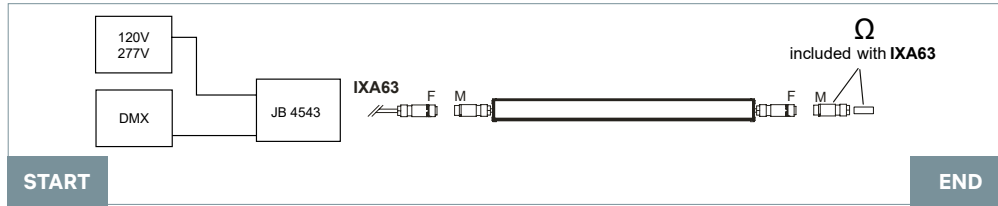
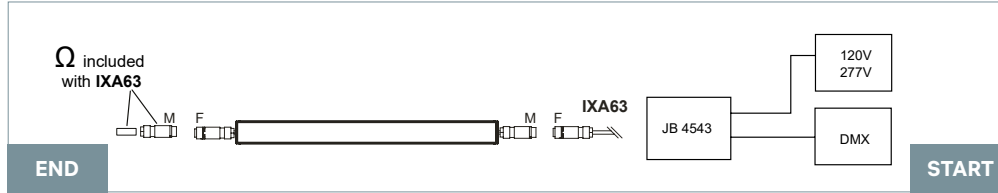
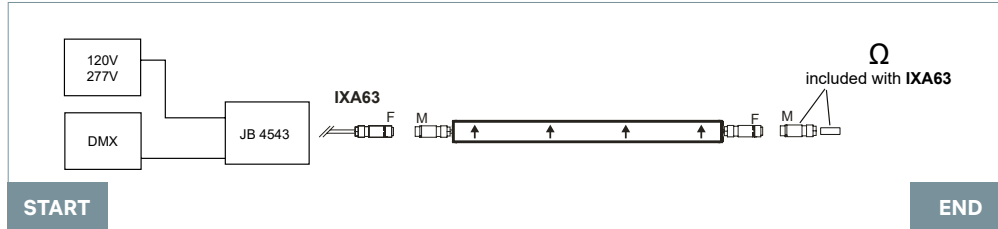
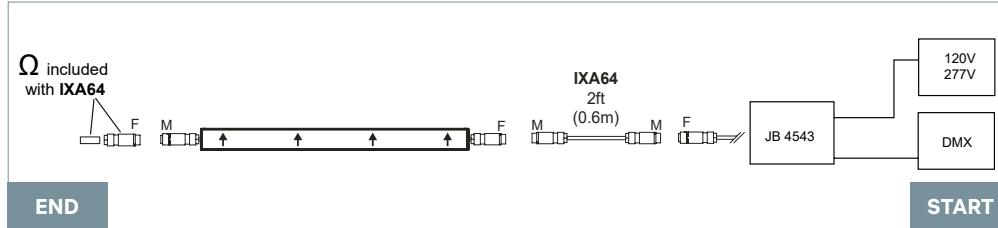
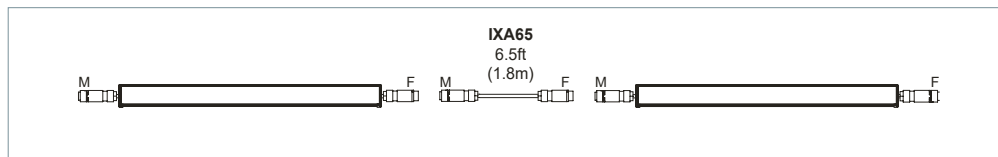
**IXA65**

2' (686mm) cable with
male/female connector

LINEALUCE 47**Surface Integral - RGB and Tunable White**

Project: _____

Type: _____

WIRING INFORMATION - DMX**TYPICAL INSTALLATION DIAGRAM LEFT SIDE FEED****TYPICAL INSTALLATION DIAGRAM RIGHT SIDE FEED****TYPICAL INSTALLATION DIAGRAM WITH OPTIC ORIENTATION ONLY (WGM OPTIC) LEFT SIDE FEED****TYPICAL INSTALLATION DIAGRAM WITH OPTIC ORIENTATION ONLY (WGM OPTIC) RIGHT SIDE FEED****JUMPER BETWEEN 2 MODULES****art. IXA964**

Connector to use with custom cable length (by other)

Suitable for cable diameter =

0.40" - 0.55" (10-14mm)

Cable recommendation:

6/18AWG SJOOW Ø 0.4in (10.3mm)

LINEALUCE 47**Surface Integral - RGB and Tunable White**

Project: _____

Type: _____

SPECIFICATIONS**SOURCE**

RGB, Red, green, blue LEDs
Tunable white (2700K to 5000K, 80CRI)

LUMEN MAINTENANCE**RGB:**

80% of initial lumens at 65 000 hours (L80 B10) T77°F (25°C)
80% of initial lumens at 56 000 hours (L80 B10) T104°F (40°C)

Tunable White:

80% of initial lumens at 100 000 hours (L80 B10) T104°F (40°C)

OPTICS

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: 1/2" (4mm clear glass)
Optic Diffuser: PMMA (polymethyl methacrylate)
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.

INRUSH CURRENT PEAK

Meets NEMA-410 requirement. Consult factory for more information.

DIMMING

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

OPERATING TEMPERATURE

-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

2.5lb/ft (1.13kg/ft)

WARRANTY

5 year limited warranty.

RATINGS

IP66, IK06

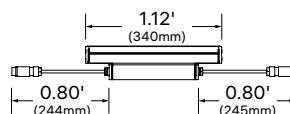
CERTIFICATION

cULus listed for wet location

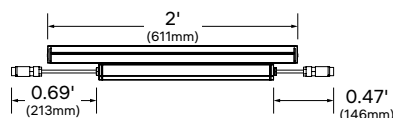
**LENGTHS**

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

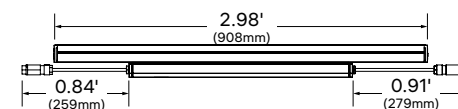
01 L = 1.1' *



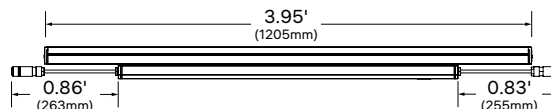
02 L = 2'



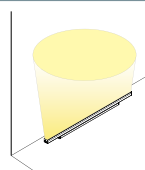
03 L = 2.9'



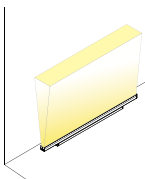
04 L = 3.9'



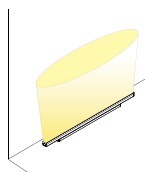
*01 module is not recommended to use in continuous row.

OPTICS OVERVIEW**SYMMETRICAL**

Flood (38°x38°)

**GRAZER**

Wall Grazer Wide Flood (16°x64°)

**ELLIPTICAL**

Elliptical (38°x84°)

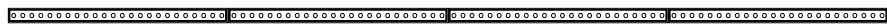
LINEALUCE 47**Surface Integral - RGB and Tunable White**

Project: _____

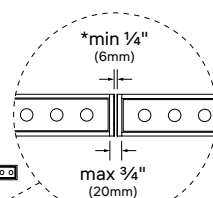
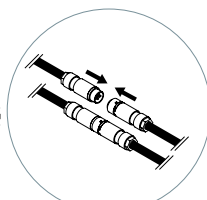
Type: _____

CONTINUOUS ROWS EXAMPLES

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.

16 L = 15.87'

Module combination: 4×1205mm
Total length: 15.87' (4837mm)

**MODULE SPACING*****PLUG AND PLAY
QUICK CONNECTOR
INSTALLATION****21 L = 20.9'**

Module combination: 4×1205mm + 1×908mm + 1×611mm
Total length: 20.90' (6370mm)

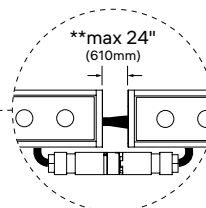
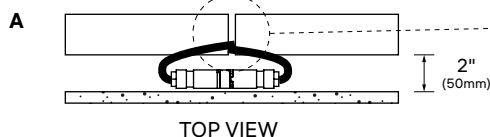
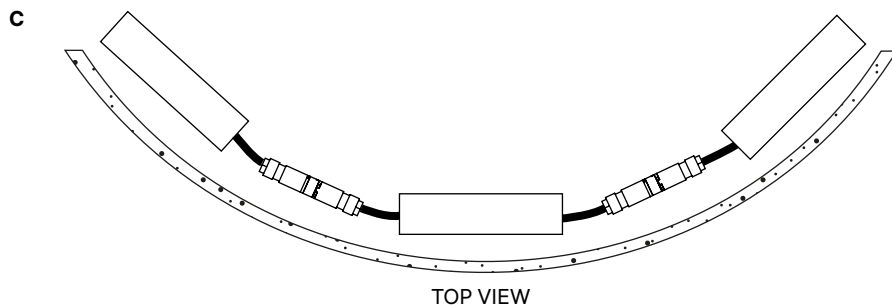
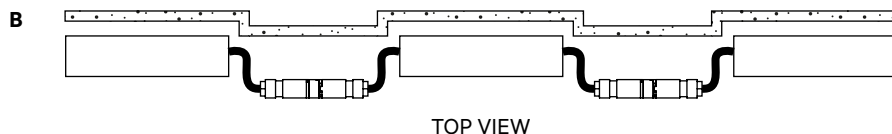
24 L = 23.82'

Module combination: 6×1205mm
Total length: 23.82' (7260mm)

* For 02' to 04' modules, the distance between the module should be minimum 1/4" (6mm) and maximum 3/4" (20mm). For greater distance, use a jumper cable.

1FT MODULE USE EXAMPLE

Because of the small dimension, the 01 module need a 2" space to allow the cable loop (A). For that reason, we recommend using the 01 module for niche (B) or with a distance between module (C).

**MODULE SPACING***

**For 01' module, the distance between module can be up to 24" (610mm). For greater distance, use a jumper cable.

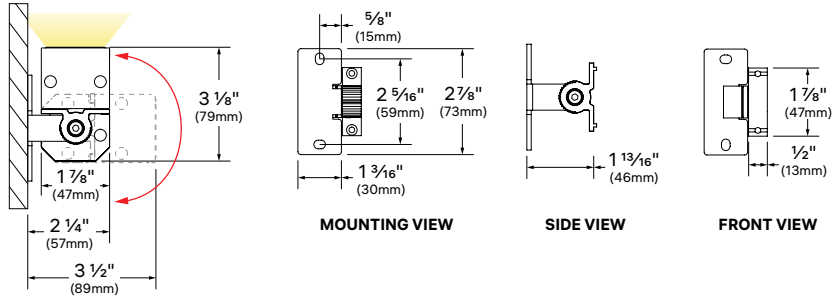
LINEALUCE 47**Surface Integral - RGB and Tunable White**

Project: _____

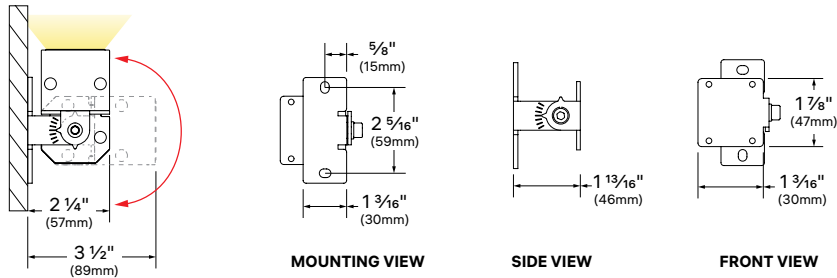
Type: _____

MOUNTING AND DIMENSIONS

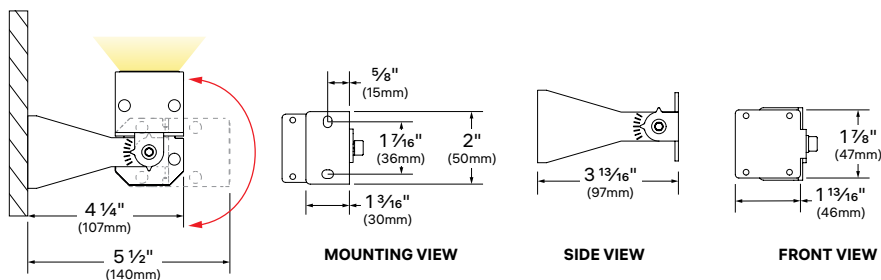
Consult instruction sheet for limitations and detail on installation.

ARM INSTALLATION ON SURFACE**M1 - Pair of short stainless steel arm with granular adjustment. Not compatible with 01 module.**
(X391)

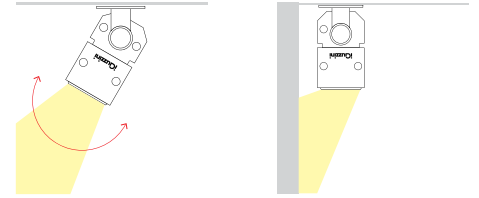
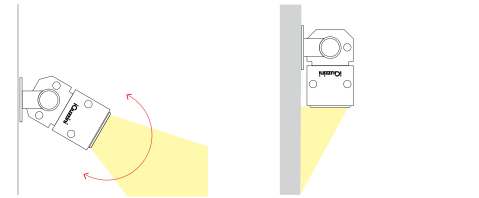
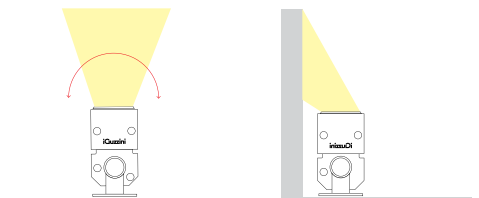
WEIGHT	EPA
0.52lb (0.24kg)	0.012ft ² (0.001m ²)

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

WEIGHT	EPA
1.98lb (0.90kg)	0.044ft ² (0.004m ²)

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

WEIGHT	EPA
7.93lb (3.6kg)	0.044ft ² (0.004m ²)

PERMITTED INSTALLATION POSITION**CEILING****WALL****GROUND**

MODULE LENGTH	EPA*
01 L = 1.1' (340mm)	0.57ft ² (0.053m ²)
02 L = 2' (611mm)	0.94ft ² (0.087m ²)
03 L = 2.98' (908mm)	1.496ft ² (0.139m ²)
04 L = 3.95' (1205mm)	2.045ft ² (0.190m ²)

* Calculated with visor accessory. To have the total EPA, add all the EPA item values in composition.

LINEALUCE 47**Surface Integral - RGB and Tunable White**

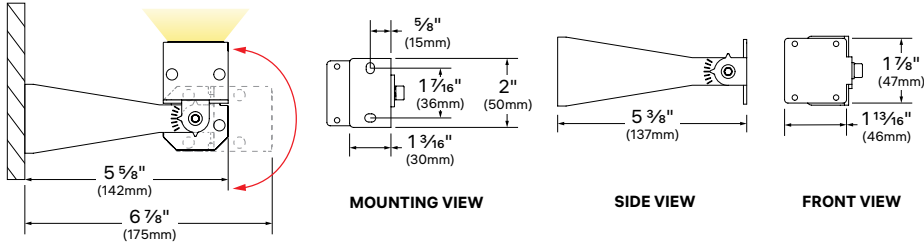
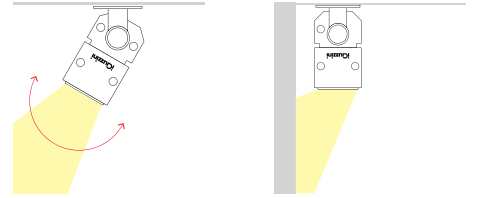
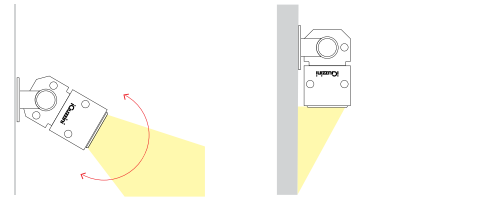
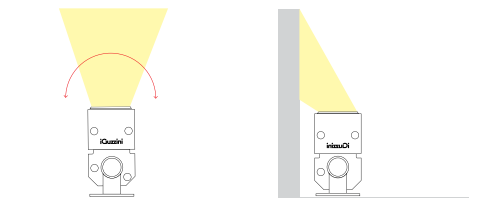
Project: _____
 Type: _____

MOUNTING AND DIMENSIONS

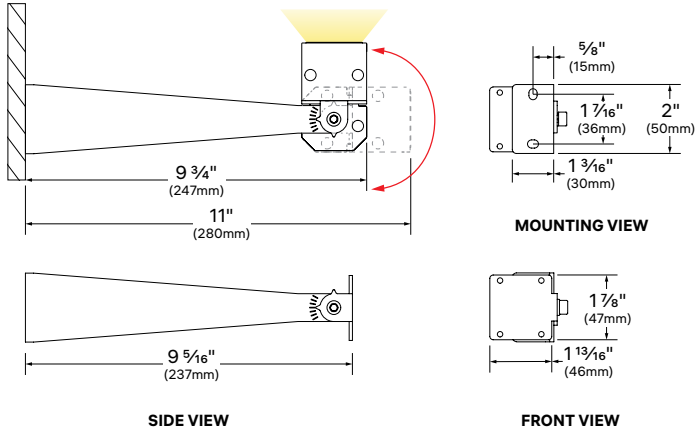
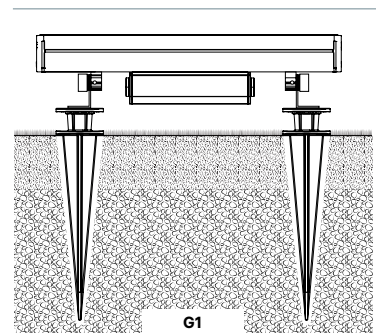
Consult instruction sheet for limitations and detail on installation.

ARM INSTALLATION ON SURFACE

M4 - Pair of stainless steel adjustable arms, L: 3 $\frac{7}{8}$ " (100mm).
(X394)

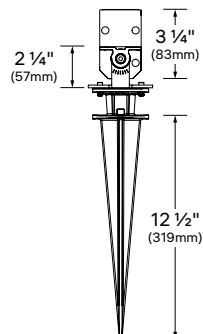
**PERMITTED INSTALLATION POSITION****CEILING****WALL****GROUND**

M5 - Pair of stainless steel adjustable arms, L: 8 $\frac{3}{4}$ " (223mm).
(X395)

**PERMITTED INSTALLATION POSITION****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)



LINEALUCE 47**Surface Integral - RGB and Tunable White**

Project: _____

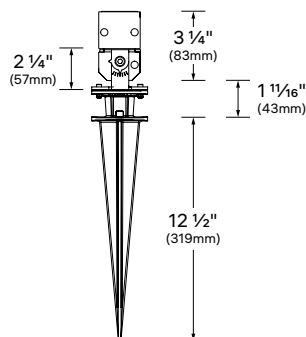
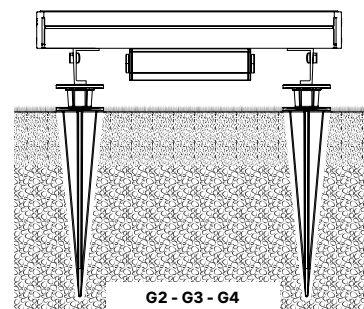
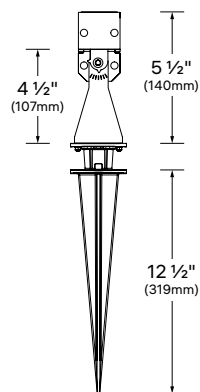
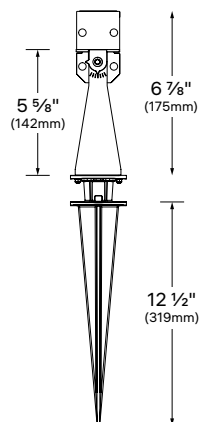
Type: _____

MOUNTING AND DIMENSIONS

Consult instruction sheet for limitations and detail on installation.

SPIKE IN SOIL WITH PIVOT ARM

(To be used together with arms)

G2 - Pair of spikes and pair of short stainless steel adjustable arms.**(X476 + X392)****PERMITTED INSTALLATION POSITION****G3 - Pair of spikes and pair of stainless steel adjustable arms, L: 2 3/8 inch (60mm).****(X476 + X393)****G4 - Pair of spikes and pair of stainless steel adjustable arms, L: 3 7/8 inch (100mm).****(X476 + X394)**


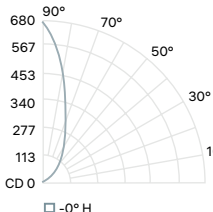
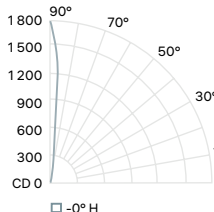
LINEALUCE 47

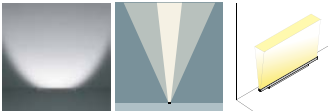
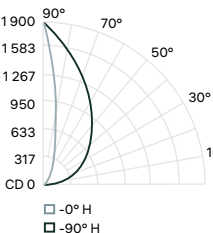
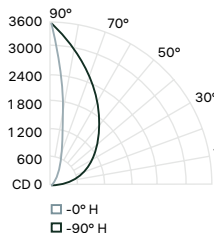
Surface Integral - RGB and Tunable White


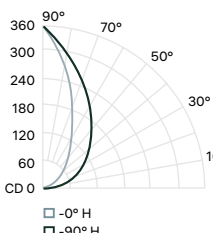
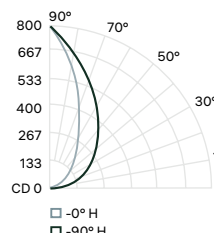
SPECIFICATION SHEET | 10 of 10

Project: _____
Type: _____

PHOTOMETRIC DATA

SYMMETRICAL OPTICS	MODEL	CCT	CRI	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd)
Flood - 38°×38° 	RGB		NA	17.6	399	22	673
	TW82750	2700K 5000K	80	17.7	945	53	1 775
			RGB TW82750 - 38°×38° (2700-5000K, 80CRI) <div>   </div>				

WALL GRAZER OPTICS	MODEL	CCT	CRI	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd)
Wall Grazer Wide Flood - 16°×64° 	RGB		NA	17.6	547	31	1 847
	TW82750	2700K 5000K	80	17.7	1 277	72	3 561
			RGB TW82750 - 16°×64° (3000K, 80CRI) <div>   </div>				

ELLIPTICAL OPTICS	MODEL	CCT	CRI	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd)
Elliptical - 38°×84° 	RGB		NA	17.6	370	21	354
	TW82750	2700K 5000K	80	17.7	892	50	798
			RGBW830 - 38°×84° (3000K, 80CRI) <div>   </div>				

Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us/ for complete photometric data.