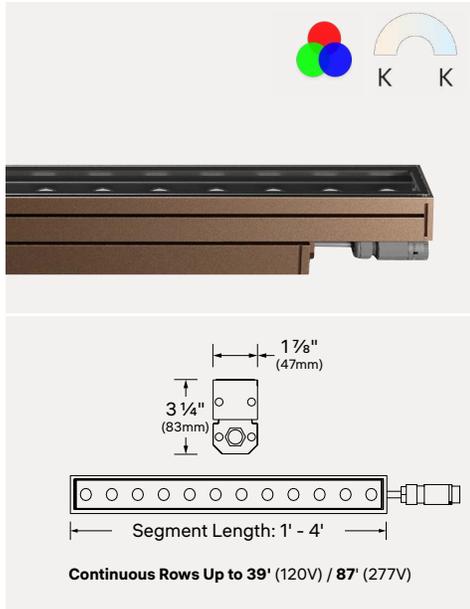


LINEALUCE 47

Surface Integral - RGB and Tunable White

Project: \_\_\_\_\_  
Type: \_\_\_\_\_



PHOTOMETRIC SUMMARY

Output	Optic	Lumens (lm/ft)	Efficacy (lm/W)	Max Candela (cd)
RGB	FL - 38°x38°	399	22	673
	WGWF - 16°x64°	547	31	1847
	ELLF - 38°x84°	370	21	354
TUNABLE WHITE 2700K-5000K	FL - 38°x38°	945	53	1775
	WGWF - 16°x64°	1277	72	3561
	ELLF - 38°x84°	892	50	798

FINISH OPTIONS



Consult factory for custom finishes

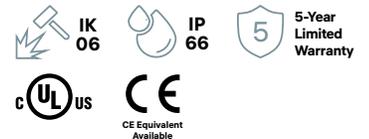
OPTIC OPTIONS



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](#)



ORDERING INFO

PRODUCT CODE

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

MODEL	LENGTH <sup>1</sup>	OUTPUT	LED	OPTIC	MOUNTING
ILM47 Linealuce 47 Surface		<b>HO</b> High Output	<b>RGB</b> Red, Green and Blue	<b>SYMMETRICAL FL</b> Flood 38°x38°	<b>M</b> Arm Installation on Surface
		RGB 370 to 547lm/ft 17.6W/ft			
		<b>TW82750</b> Tunable White 2700K to 5000K, 80CRI	<b>WALL GRAZER WGWF</b> Wall Grazer Wide Flood 16°x64°	<b>ELLIPTICAL ELLF</b> Elliptical 38°x84°	<b>G<sup>2</sup></b> Ground Spike
		TW 892 to 1277lm/ft 17.7W/ft			

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 <sup>5</sup>
<b>1<sup>4</sup></b> Short Arm with Granular Adjustment	<b>UNV</b> 120-277V	<b>01</b> White	<b>DMX</b> (down to 1%)	<b>A3</b> Internal Transversal Louver
<b>2</b> Short Adjustment Arms		<b>02</b> Black		<b>A4</b> Internal Longitudinal Louver
<b>3</b> Adjustment Arms L: 2 3/8" (60mm)		<b>15</b> Gray		<b>A5</b> Internal Honeycomb Louver
		<b>F5</b> Rust Brown		<b>A6</b> Internal Microlouver
				<b>NA</b> No Internal Accessories

<sup>1</sup> 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  
<sup>2</sup> Ground spike with 3/4" adjustable arms (**G4**) not compatible with external accessories (**A1, A2**).

<sup>3</sup> Available for surface (**M**) mounting only.  
<sup>4</sup> Not available for 01 module.  
<sup>5</sup> Before ordering, see optical accessories compatibility [page 3](#). To order external accessory, (**NA**) must be selected

EXTERNAL ACCESSORY CODE EXAMPLE: IX990-02

**EXTERNAL ACCESSORIES**

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

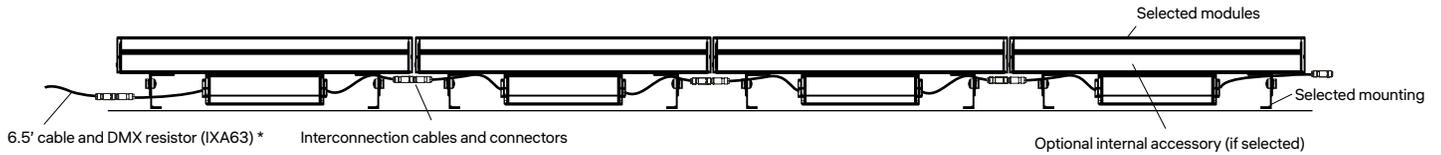
DM-R8 | Last Update: January 05, 2026

# LINEALUCE 47

## Surface Integral - RGB and Tunable White

Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

### INCLUDED IN PRODUCT CODE



\* Cable is included for 05 module and more.  
 For single module, the cable is to be ordered separately.

### 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 assemble to the product before installation.

### OPTIONAL EXTERNAL ACCESSORIES

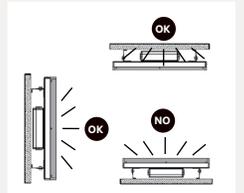
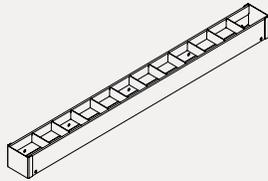
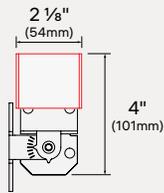
To be ordered separately.

#### EXTERNAL ACCESSORY CODE

EXAMPLE: IX990-02

#### A1 EXTERNAL SNOOT (See Page 3)

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



**IXA09-02**

**01** Length 1.1' (340mm)  
**Color** Black

**IX380-02**

**02** Length 2' (614mm)  
**Color** Black

**IX381-02**

**03** Length 2.9' (911mm)  
**Color** Black

**IX382-02**

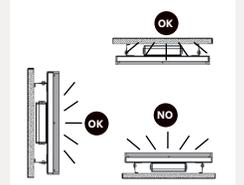
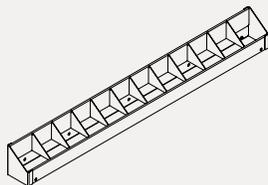
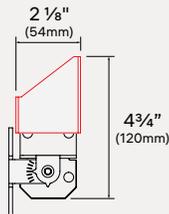
**04** Length 3.9' (1208mm)  
**Color** Black

**ILM47-RGB-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



**IXA08-02**

**01** Length 1.1' (340mm)  
**Color** Black

**IX377-02**

**02** Length 2' (614mm)  
**Color** Black

**IX378-02**

**03** Length 2.9' (911mm)  
**Color** Black

**IX379-02**

**04** Length 3.9' (1208mm)  
**Color** Black

**ILM47-RGB-A2-XX**

Length selected  
 in the ordering info  
**Color** Black

# LINEALUCE 47

## Surface Integral - RGB and Tunable White

Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

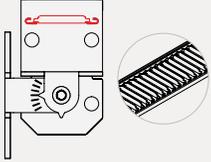
### ACCESSORIES

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

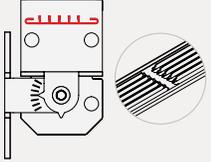
### OPTIONAL OPTICAL ACCESSORIES

(Installed in factory as selected in ordering info)

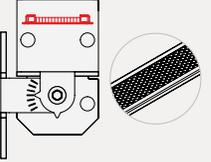
**INTERNAL ACCESSORIES**



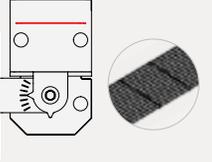
**A3**  
Internal transversal louver  
**Color** Black



**A4**  
Internal longitudinal louver  
**Color** Black



**A5**  
Internal honeycomb louver  
**Color** Black



**A6**  
Internal microlouver  
**Color** Black

### OPTIC / OPTIONAL OPTIC ACCESSORY COMPATIBILITY

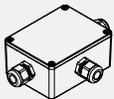
1 accessory maximum

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**



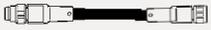
**IX964**  
Female/Male connector IP68  
6 poles, use with 6/18AWG SJOOW wire type



**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

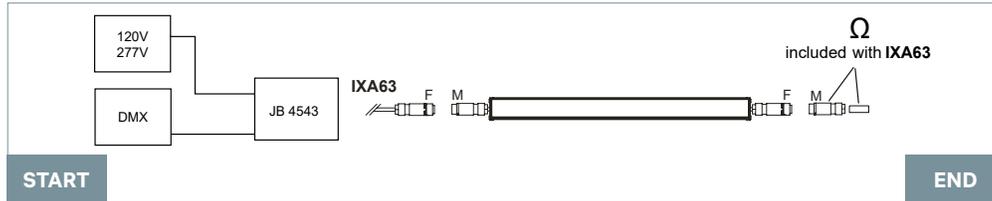
**LINEALUCE 47**

**Surface Integral - RGB and Tunable White**

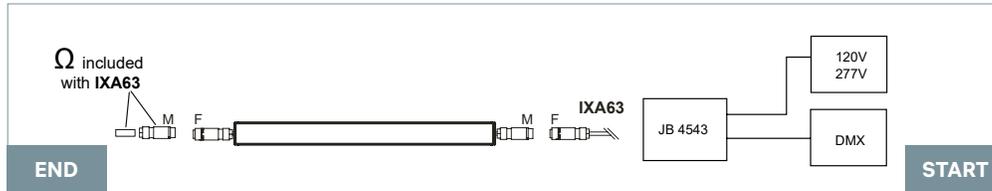
Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

**WIRING INFORMATION - DMX**

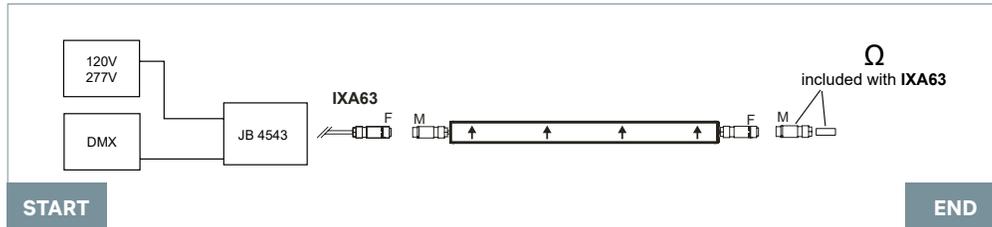
**TYPICAL INSTALLATION DIAGRAM LEFT SIDE FEED**



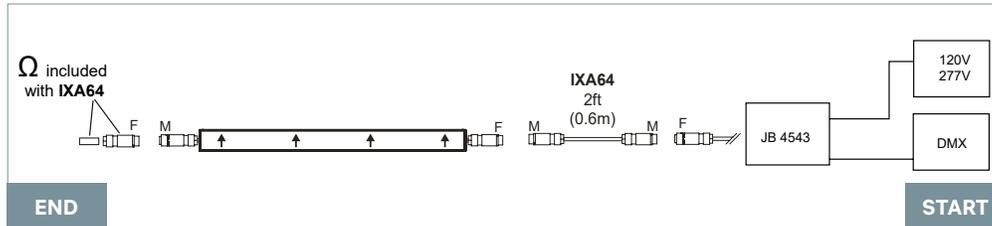
**TYPICAL INSTALLATION DIAGRAM RIGHT SIDE FEED**



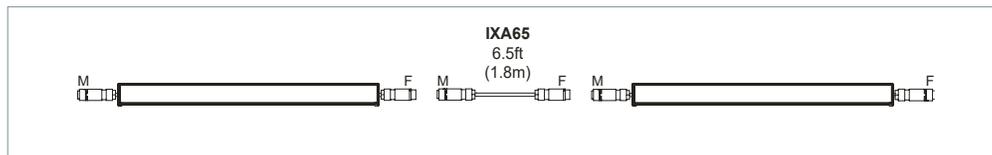
**TYPICAL INSTALLATION DIAGRAM WITH OPTIC ORIENTATION ONLY (WGM OPTIC) LEFT SIDE FEED**



**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

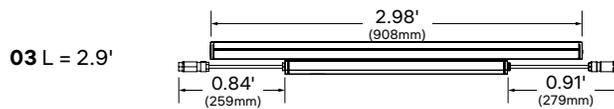
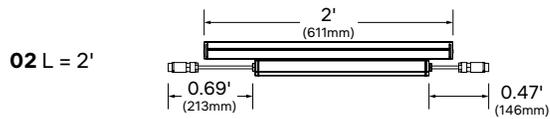
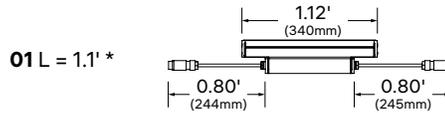
#### CERTIFICATION

cULus listed for wet location



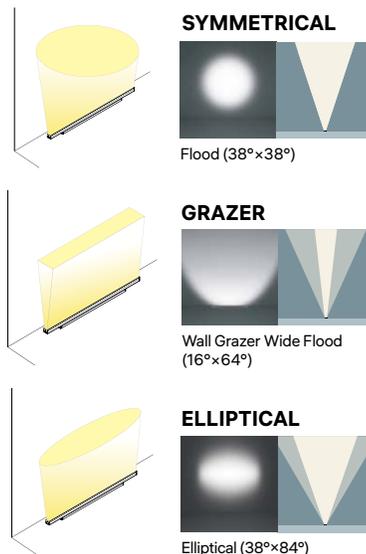
### LENGTHS

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



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

### OPTICS OVERVIEW



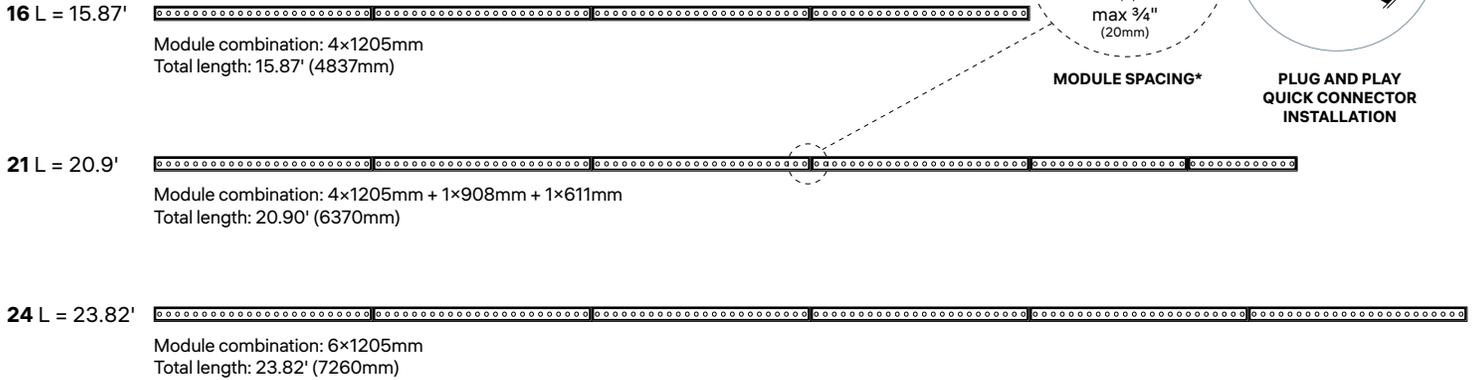
**LINEALUCE 47**

**Surface Integral - RGB and Tunable White**

Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

**CONTINUOUS ROWS EXAMPLES**

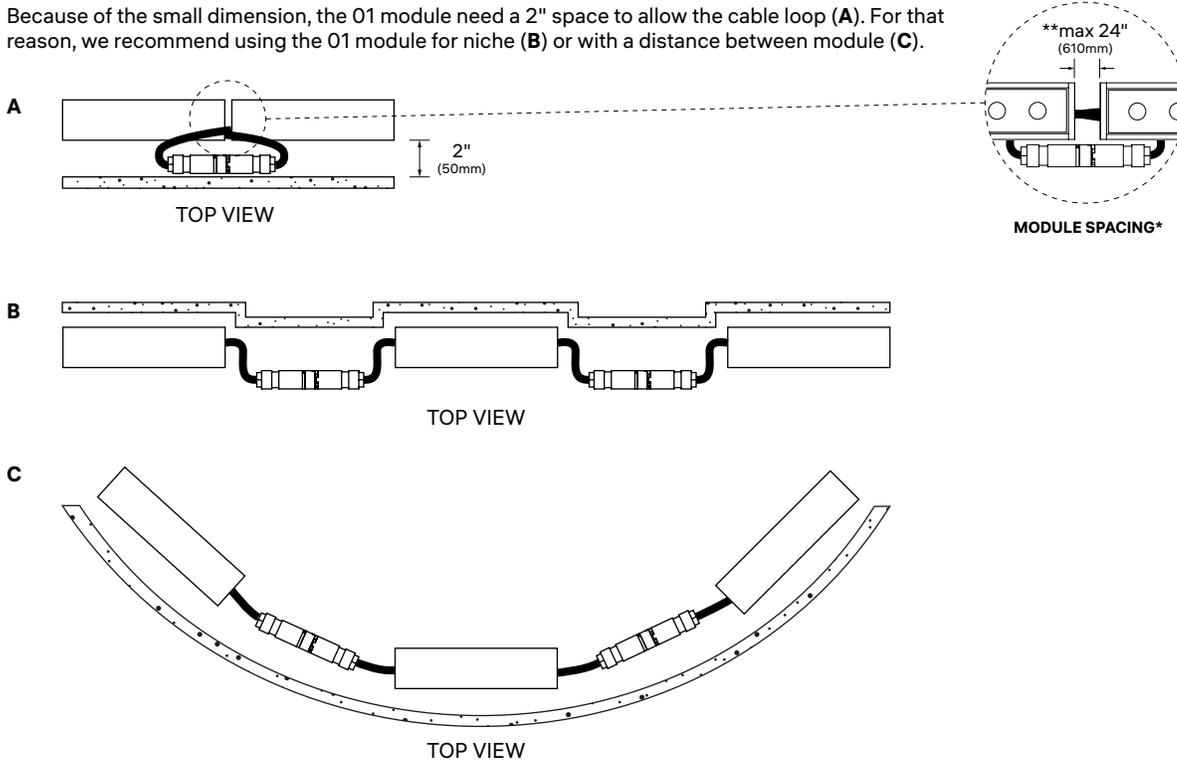
Single elements can be combined to obtain dark spot free continuous row with a single feed point. Interconnecting power cable and hardware are preconfigured at the factory and supplied with the luminaires. Note that 1/4" (6mm) spacing minimum is required for continuous rows installation and is included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



\* For O2' to O4' 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 O1 module need a 2" space to allow the cable loop (A). For that reason, we recommend using the O1 module for niche (B) or with a distance between module (C).



\*\*For O1' 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**

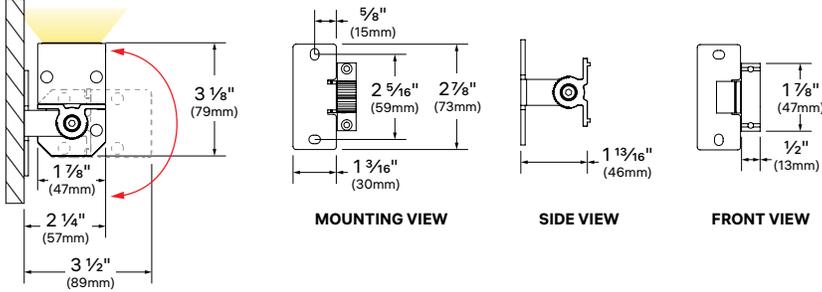
Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

**MOUNTING AND DIMENSIONS**

Consult instruction sheet for limitations and detail on installation.

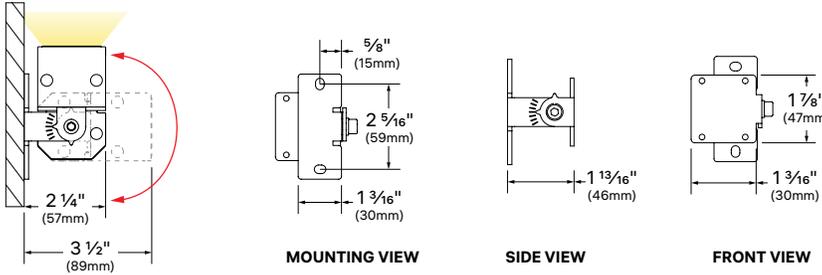
**ARM INSTALLATION ON SURFACE**

**M1 - Pair of short stainless steel arm with granular adjustment. Not compatible with O1 module.**  
**(X391)**



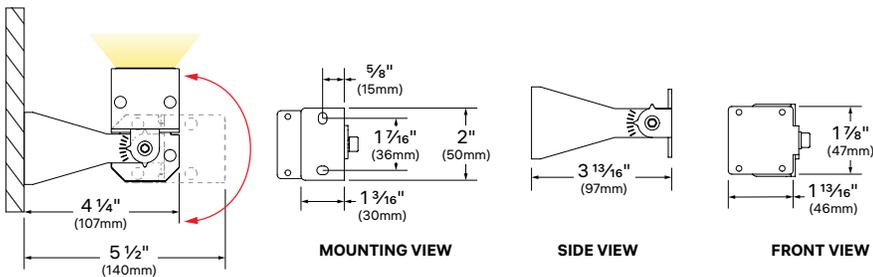
WEIGHT	EPA
0.52lb (0.24kg)	0.012ft <sup>2</sup> (0.001m <sup>2</sup> )

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



WEIGHT	EPA
1.98lb (0.90kg)	0.044ft <sup>2</sup> (0.004m <sup>2</sup> )

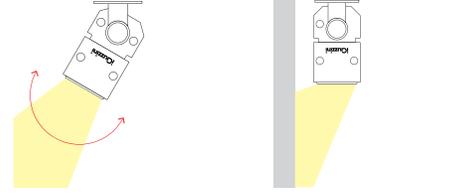
**M3 - Pair of stainless steel adjustable arms, L: 2 3/8" (60mm).**  
**(X393)**



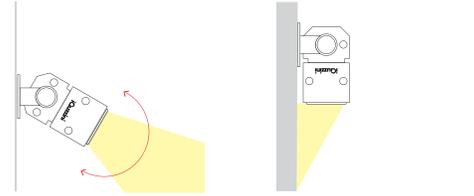
WEIGHT	EPA
7.93lb (3.6kg)	0.044ft <sup>2</sup> (0.004m <sup>2</sup> )

**PERMITTED INSTALLATION POSITION**

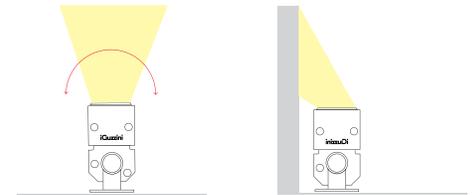
**CEILING**



**WALL**



**GROUND**



MODULE LENGTH	EPA*
<b>O1</b> L = 1.1' (340mm)	0.57ft <sup>2</sup> (0.053m <sup>2</sup> )
<b>O2</b> L = 2' (611mm)	0.94ft <sup>2</sup> (0.087m <sup>2</sup> )
<b>O3</b> L = 2.98' (908mm)	1.496ft <sup>2</sup> (0.139m <sup>2</sup> )
<b>O4</b> L = 3.95' (1205mm)	2.045ft <sup>2</sup> (0.190m <sup>2</sup> )

\* 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

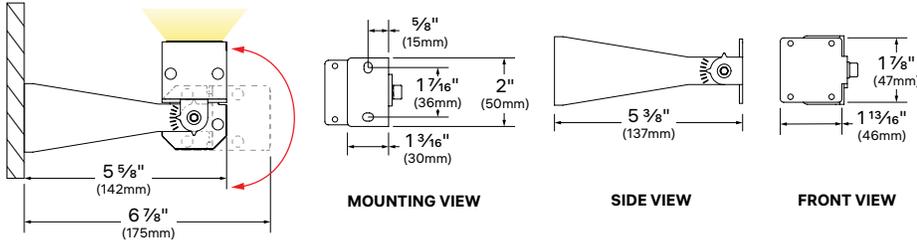
Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

### MOUNTING AND DIMENSIONS

Consult instruction sheet for limitations and detail on installation.

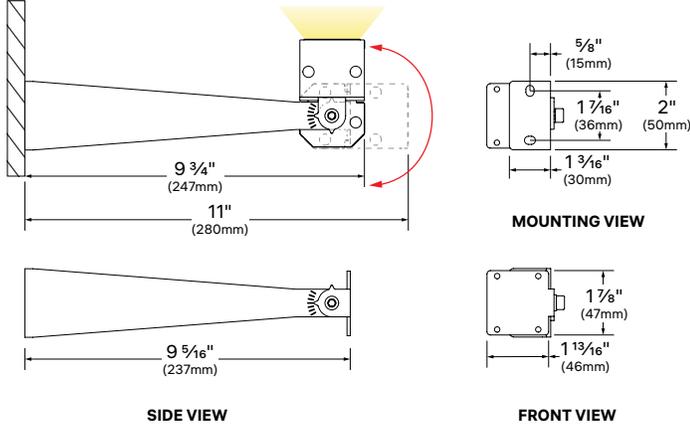
#### ARM INSTALLATION ON SURFACE

**M4 - Pair of stainless steel adjustable arms, L: 3 7/8" (100mm).**  
**(X394)**



WEIGHT	EPA
10.14lb (4.6kg)	0.044ft <sup>2</sup> (0.004m <sup>2</sup> )

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

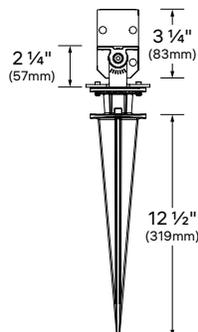


WEIGHT	EPA
11.37lb (5.16)	0.09ft <sup>2</sup> (0.008m <sup>2</sup> )

#### SPIKE IN SOIL WITH PIVOT ARM

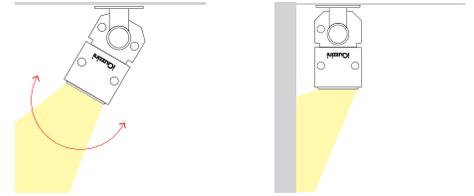
(To be used together with arms)

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

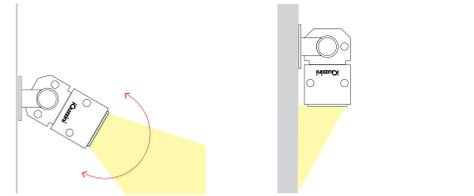


#### PERMITTED INSTALLATION POSITION

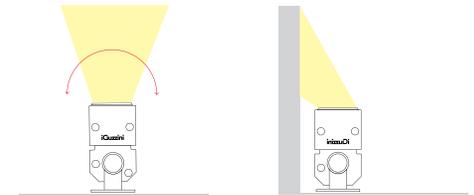
##### CEILING



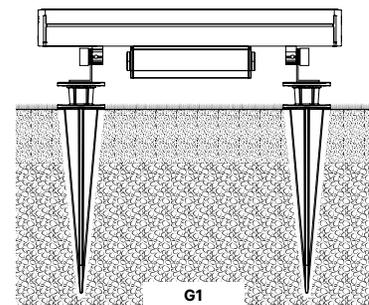
##### WALL



##### GROUND



#### PERMITTED INSTALLATION POSITION



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

Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

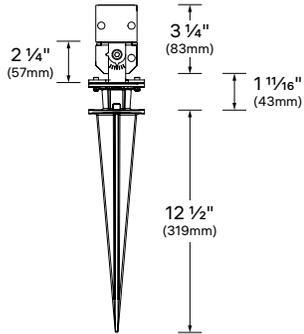
**MOUNTING AND DIMENSIONS**

Consult instruction sheet for limitations and detail on installation.

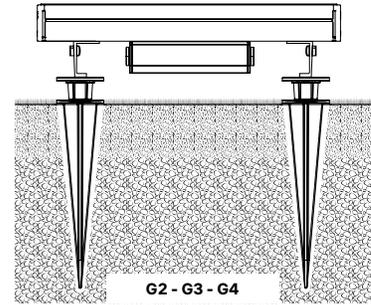
**SPIKE IN SOIL WITH PIVOT ARM**

(To be used together with arms)

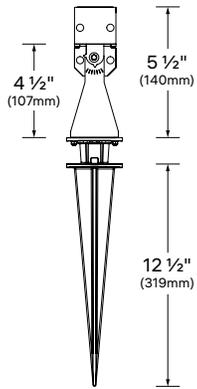
**G2 - Pair of spikes and pair of short stainless steel adjustable arms.**  
**(X476 + X392)**



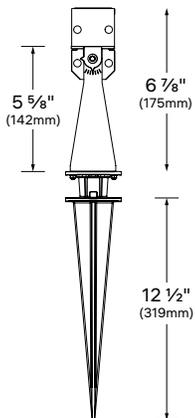
**PERMITTED INSTALLATION POSITION**



**G3 - Pair of spikes and pair of stainless steel adjustable arms, L: 2 3/8 inch (60mm).**  
**(X476 + X393)**



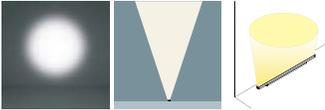
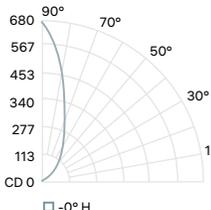
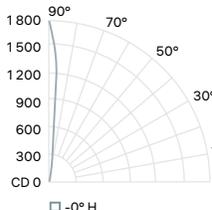
**G4 - Pair of spikes and pair of stainless steel adjustable arms, L: 3 7/8 inch (100mm).**  
**(X476 + X394)**

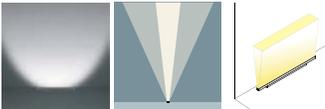
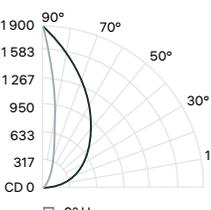
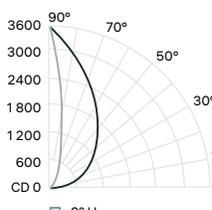


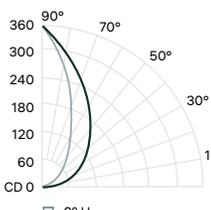
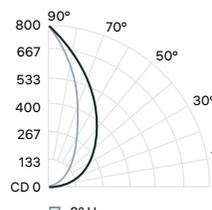
**LINEALUCE 47**  
**Surface Integral - RGB and Tunable White**

Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

**PHOTOMETRIC DATA**

SYMMETRICAL OPTICS	MODEL	CCT	CRI	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd)
<b>Flood - 38°×38°</b> 	RGB		NA	17.6	399	22	673
	TW82750	2700K 5000K	80	17.7	945	53	1 775
	<b>RGB</b> <span style="float: right;"><b>TW82750 - 38°×38°</b> (2700-5000K, 80CRI)</span> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Legend: □ -0° H</p> </div> <div style="text-align: center;">  <p>Legend: □ -0° H</p> </div> </div>						

WALL GRAZER OPTICS	MODEL	CCT	CRI	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd)
<b>Wall Grazer Wide Flood - 16°×64°</b> 	RGB		NA	17.6	547	31	1 847
	TW82750	2700K 5000K	80	17.7	1 277	72	3 561
	<b>RGB</b> <span style="float: right;"><b>TW82750 - 16°×64°</b> (3000K, 80CRI)</span> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Legend: □ -0° H □ -90° H</p> </div> <div style="text-align: center;">  <p>Legend: □ -0° H □ -90° H</p> </div> </div>						

ELLIPTICAL OPTICS	MODEL	CCT	CRI	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd)
<b>Elliptical - 38°×84°</b> 	RGB		NA	17.6	370	21	354
	TW82750	2700K 5000K	80	17.7	892	50	798
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <b>RGBW830 - 38°×84°</b> (3000K, 80CRI)                      <p>Legend: □ -0° H □ -90° H</p> </div> <div style="text-align: center;"> <b>RGBW840 - 38°×84°</b> (3000K, 80CRI)                      <p>Legend: □ -0° H □ -90° H</p> </div> </div>						

Efficacy based on IESNA LM-79 test reports. Visit [iguzzini.com/us/](http://iguzzini.com/us/) for complete photometric data.