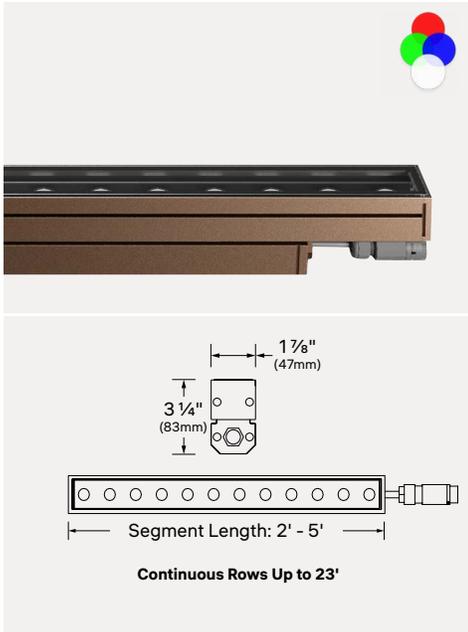


# LINEALUCE 47

## Surface Remote - RGBW

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



### PHOTOMETRIC SUMMARY

LED	Optic	Lumens (lm/ft)	Efficacy (lm/W)	Max Candela (cd/ft)
RGBW	FL - 38°x38°	415	33	3 725
RGBW	WGWF - 16°x64°	505	40	6 700
RGBW	ELLF - 41°x87°	390	31	1 500

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

### FINISH OPTIONS



Consult factory for custom finishes

### OPTIC OPTIONS



### FEATURES

- DMX-RDM control (120-277V), 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-HO-RGBW-FL-M1-REM-01-DMX-NA

MODEL	LENGTH <sup>1</sup>	OUTPUT	LED	OPTIC	MOUNTING	
ILM47 Linealuce 47 Surface		<b>HO</b> High Output (390 to 505 lm/ft, 13W/ft)	<b>RGBW</b> RGBW, 4000K	<b>SYMMETRICAL</b>	<b>M</b> Arm Installation on Surface	
				<b>FL</b> Flood 38°x38°	<b>WGWF</b> Wall Grazer Wide Flood 16°x64°	<b>ELLF</b> Elliptical 41°x87°
				<b>G<sup>2</sup></b> Ground Spike		

### ACCESSORIES

To be ordered separately.

CONNECTION ACCESSORY CODE EXAMPLE: IX556

CONNECTION ACCESSORIES
More information available on <a href="#">page 3</a> .
<b>IX556</b> Female/Male connector IP68 (DMX)
<b>IX481</b> 6.5' (2000mm) with female connector (DMX)
<b>4543-00</b> 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>REM</b> Remote	<b>01</b> White	<b>DMX</b> RDM (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

EXTERNAL ACCESSORY CODE EXAMPLE: IX990-02

EXTERNAL ACCESSORIES
Available optic accessories are available on <a href="#">page 2</a> .
<b>DRIVER CODE</b> EXAMPLE: 4554-0048-120-UNV-ND
<b>DRIVER</b>
Driver options are available on <a href="#">page 4</a> .

<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**).

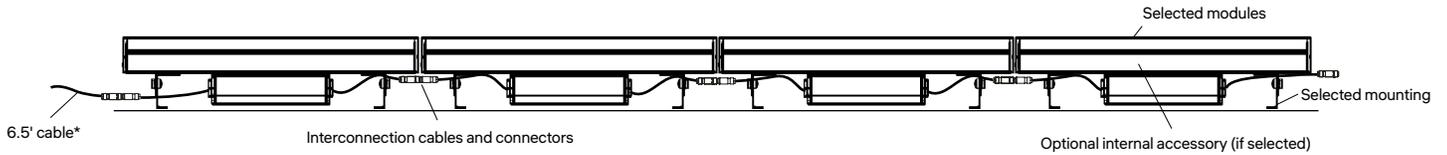
<sup>3</sup> Available for surface (**M**) mounting only.  
<sup>4</sup> Not available for 01' module.  
<sup>5</sup> Before ordering, see optical accessories compatibility [page 3](#).

DM-R6 | Last Update: January 05, 2025

**LINEALUCE 47**  
Surface Remote - RGBW

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

**INCLUDED IN PRODUCT CODE**



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

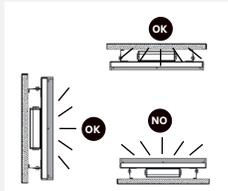
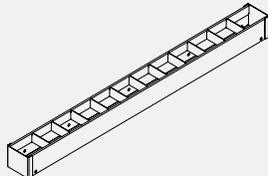
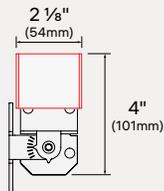
To be ordered separately.

**EXTERNAL ACCESSORY CODE**

EXAMPLE: IX990-02

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

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



**IX991-02**

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

**IX387-02**

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

**IX388-02**

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

**IX389-02**

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

**IX390-02**

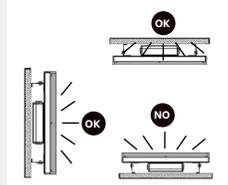
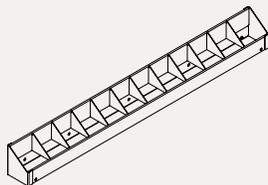
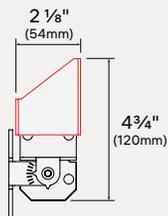
**05** Length 4.9' (1505mm)  
**Color** Black

**ILM47-RGBW-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



**IX999-02**

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

**IX383-02**

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

**IX384-02**

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

**IX385-02**

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

**IX386-02**

**05** Length 4.9' (1505mm)  
**Color** Black

**ILM47-RGBW-A2-XX**

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

# LINEALUCE 47

## Surface Remote - RGBW

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

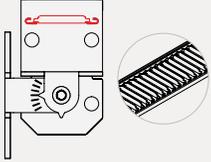
### ACCESSORIES

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

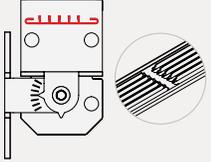
### OPTIONAL OPTICAL ACCESSORIES

(Installed in factory as selected in ordering info)

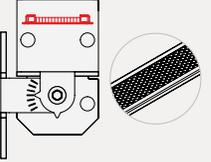
**INTERNAL ACCESSORIES**



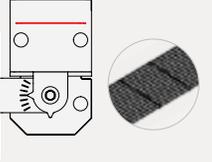
**A3**  
Internal transversal louver  
**Color** Black



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



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



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

### OPTIC / OPTIONAL OPTIC ACCESSORY COMPATIBILITY

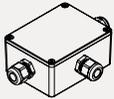
1 accessory maximum

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**



**IX556**  
Female/Male connector IP68  
5 poles, use with 5/18AWG SJOOW wire type



**IX481**  
6.5' (2000mm) with female connector.  
Include DMX resistor and male connector

# LINEALUCE 47

## Surface Remote - RGBW

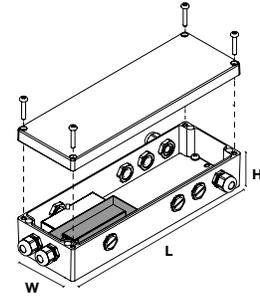
Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

### REMOTE LED DRIVER OPTIONS

### DRIVER BOX DIMENSIONS

DRIVER CODE EXAMPLE: 4554-0048-120-UNV-ND

OUTDOOR RATED DRIVER BOX MODELS	PRODUCT MAXIMUM NOMINAL LENGTH
	RGBW (13W/ft)
4554-0048-120-UNV-ND	9'(2.5m)
4554-0048-240-UNV-ND	19'(5.75m)
4554-0048-480-UNV-ND	23'(7m)



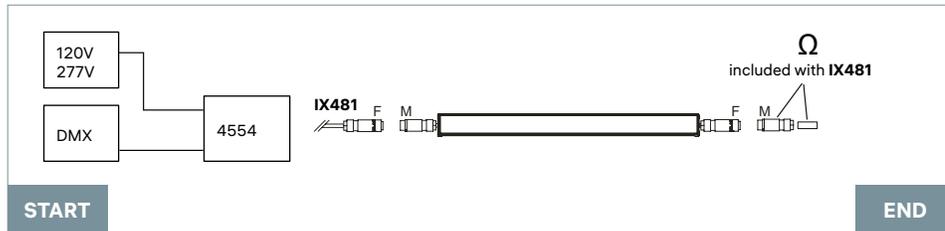
OUTDOOR RATED

### DRIVER BOX MODEL DESCRIPTION

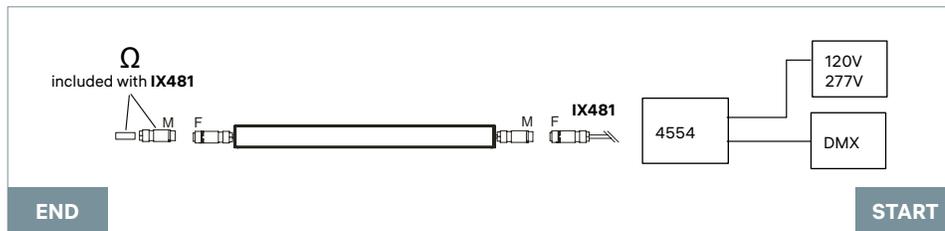
MODEL (L x W x H)	OUTPUT VOLTAGE	WATTAGE	INPUT VOLTAGE
<b>4554</b> 14½" x 6½" x 3½" (362 x 159 x 89mm)	<b>0048</b> 52 Vdc adjustable from 49 to 58Vdc via a built in potentiometer	<b>120 to 480</b> 120W to 480W	<b>UNV</b> 120-277V

### WIRING EXAMPLE

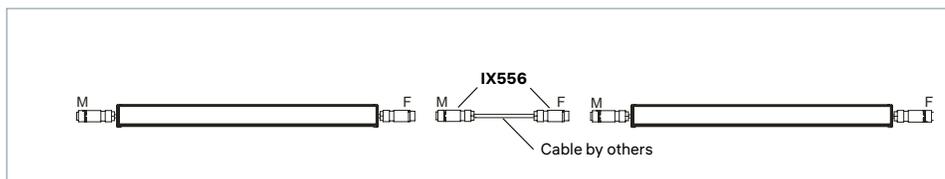
#### TYPICAL INSTALLATION DIAGRAM LEFT SIDE FEED



#### TYPICAL INSTALLATION DIAGRAM RIGHT SIDE FEED



#### JUMPER BETWEEN 2 MODULES



art. **IX556**  
 Connector to use with custom cable length (by other)

**Suitable for cable diameter:**  
 Ø0.28" to 0.51" (Ø7.1 to 13mm) 16-24AWG

**Cable recommendation:**  
 5/18AWG SJOOW Ø 0.37in (9.35mm)

# LINEALUCE 47

## Surface Remote - RGBW

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

### SPECIFICATIONS

#### SOURCE

RGBW (4000K);

#### LUMEN MAINTENANCE

80% of initial lumens at 70 000 hours (L80 B10) T77°F (25°C)  
 80% of initial lumens at 59 000 hours (L80 B10) T104°F (40°C)

#### OPTICS

**Symmetrical Optics:** Flood  
**Wall Grazer Optics:** Wide Flood  
**Elliptical Optic:** Flood 41°x87°

#### MATERIAL

**Body:** Extruded aluminum  
**End Caps:** Die-cast aluminum alloy  
**Protective Screen:** 3/16" (4mm) sodium-calcium tempered sealing glass with silk screen.  
**Optic Diffuser:** PMMA (polymethyl methacrylate)  
**Hardware:** Stainless steel

#### MOUNTING

Ceiling, floor or wall mounted with arm accessories.  
 Ground installation with arms on spike. Supplied with 6.5' (2000mm) long cable for continuous row.

#### ELECTRICAL

48Vdc RGBW (44 to 52Vdc);

#### DIMMING

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

#### OPERATING TEMPERATURE

-22°F to 113°F (-30°C to 45°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

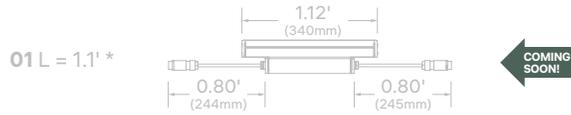
#### CERTIFICATION

cULus listed for wet location

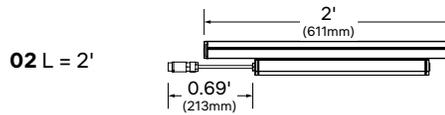


### LENGTHS

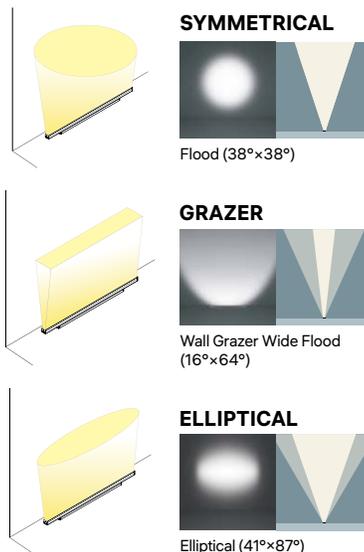
Except for 2' units, all units are equipped with 2 connectors (male / female) for through wiring.



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



### OPTICS OVERVIEW



**LINEALUCE 47**  
Surface Remote - RGBW

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'** 

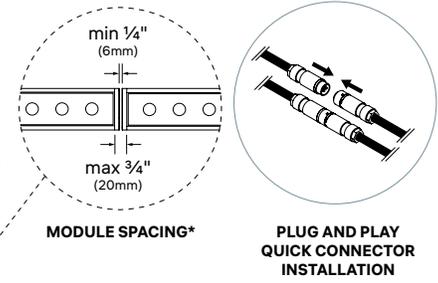
Module combination: 2x1502mm + 1x1205mm + 1x611mm  
Total length: 15.87' (4838mm)

**21 L = 20.82'** 

Module combination: 3x1502mm + 1x1205mm + 1x611mm  
Total length: 20.82' (6346mm)

**24 L = 23.74'** 

Module combination: 4x1502mm + 1x1205mm  
Total length: 23.74' (6346mm)

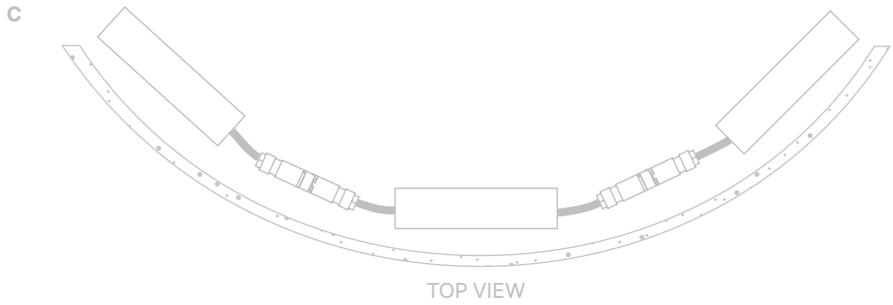
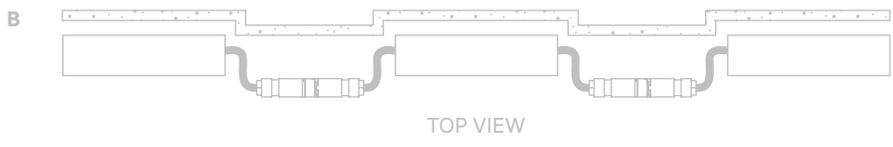
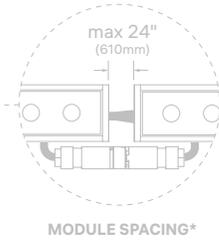
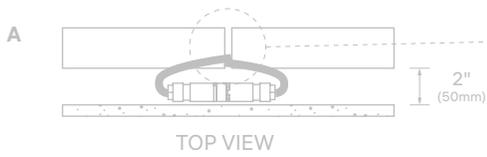


\* For 2' to 4.9' modules, the distance between the module should be minimum 1/4" (6mm) and maximum 3/4" (20mm). For greater distance, use a jumper cable.

**1FT MODULE USE EXAMPLE**

COMING SOON!

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).



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

**LINEALUCE 47**  
Surface Remote - RGBW

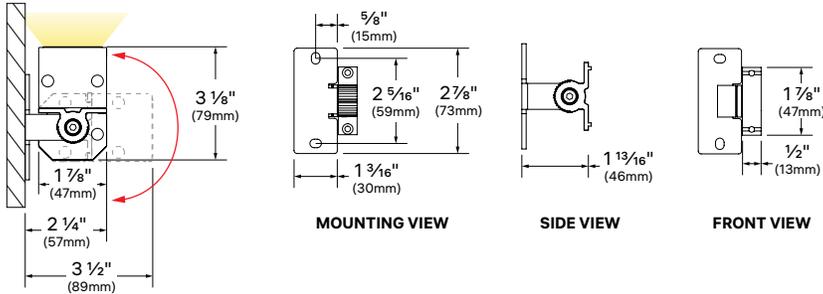
Project: \_\_\_\_\_  
Type: \_\_\_\_\_

**MOUNTING AND DIMENSIONS**

Consult instruction sheet for limitations and detail on installation.

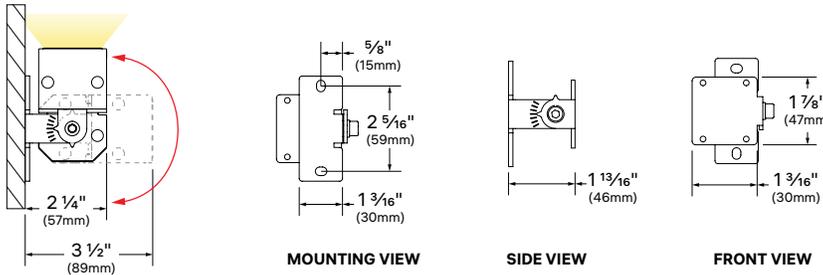
**ARM INSTALLATION ON SURFACE**

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



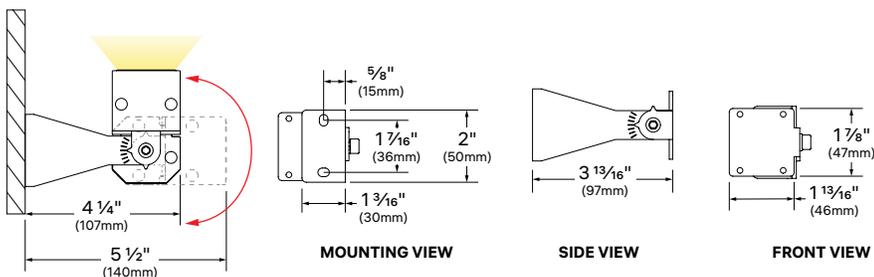
WEIGHT	EPA
0.52lb (0.24kg)	0.012ft <sup>2</sup> (0.001m <sup>2</sup> )

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



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

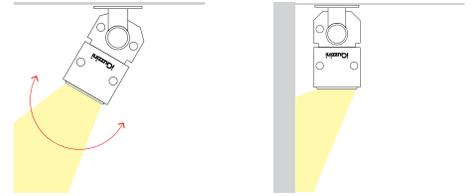
**M3 - Pair of stainless steel adjustable arms, L: 2 3/8" (60mm).**  
**(X393)**



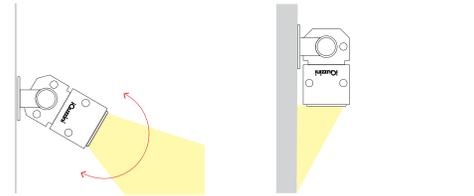
WEIGHT	EPA
7.93lb (3.6kg)	0.044ft <sup>2</sup> (0.004m <sup>2</sup> )

**PERMITTED INSTALLATION POSITION**

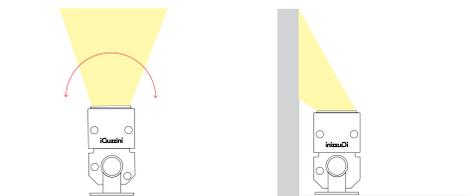
**CEILING**



**WALL**



**GROUND**



MODULE LENGTH	EPA*
01 L = 1.1' (340mm)	0.57ft <sup>2</sup> (0.053m <sup>2</sup> )
02 L = 2' (611mm)	0.94ft <sup>2</sup> (0.087m <sup>2</sup> )
03 L = 2.98' (908mm)	1.496ft <sup>2</sup> (0.139m <sup>2</sup> )
04 L = 3.95' (1205mm)	2.045ft <sup>2</sup> (0.190m <sup>2</sup> )
05 L = 4.93' (1502mm)	2.616ft <sup>2</sup> (0.243m <sup>2</sup> )

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

COMING SOON!

**LINEALUCE 47**  
**Surface Remote - RGBW**

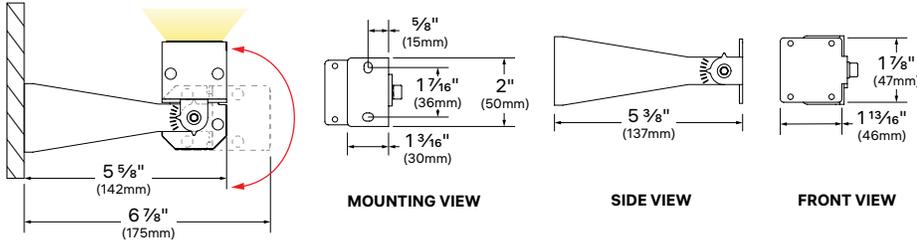
Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

**MOUNTING AND DIMENSIONS**

Consult instruction sheet for limitations and detail on installation.

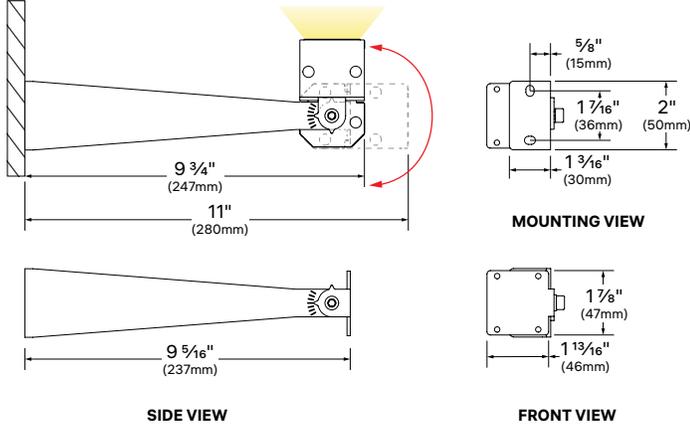
**ARM INSTALLATION ON SURFACE**

**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)**

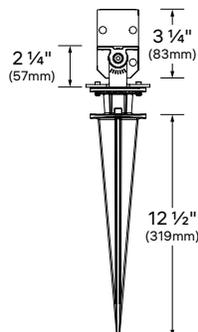


WEIGHT	EPA
11.37lb (5.16)	0.09ft <sup>2</sup> (0.008m <sup>2</sup> )

**SPIKE IN SOIL WITH PIVOT ARM**

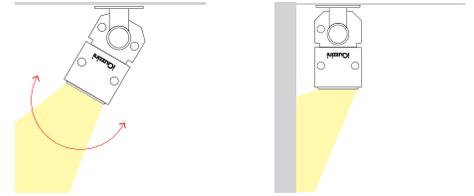
(To be used together with arms)

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

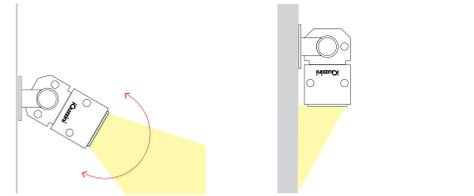


**PERMITTED INSTALLATION POSITION**

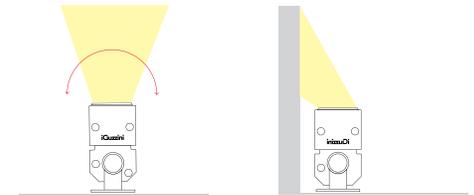
**CEILING**



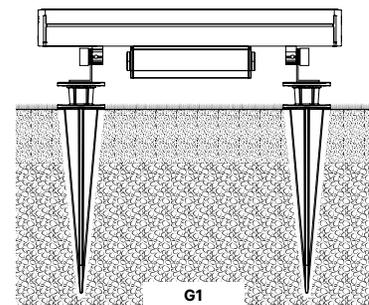
**WALL**



**GROUND**



**PERMITTED INSTALLATION POSITION**



**LINEALUCE 47**  
**Surface Remote - RGBW**

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

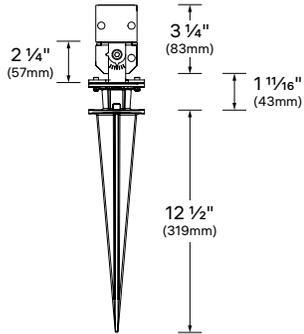
**MOUNTING AND DIMENSIONS**

Consult instruction sheet for limitations and detail on installation.

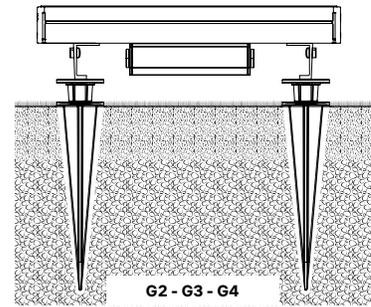
**SPIKE IN SOIL WITH PIVOT ARM**

(To be used together with arms)

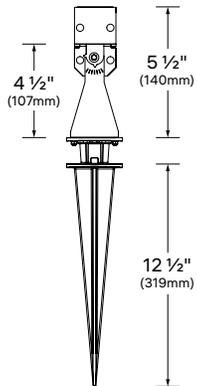
**G2 - Pair of spikes and pair of short stainless steel adjustable arms.**  
**(X476 + X392)**



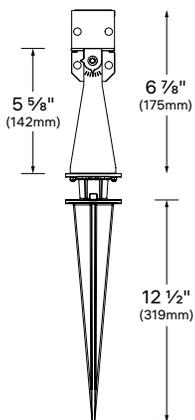
**PERMITTED INSTALLATION POSITION**



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



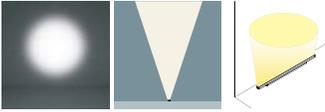
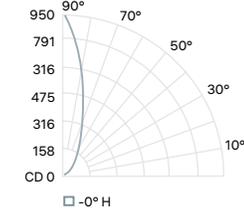
**G4 - Pair of spikes and pair of stainless steel adjustable arms, L: 3 7/8" (100mm).**  
**(X476 + X394)**

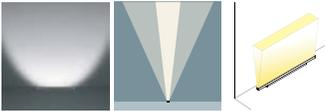
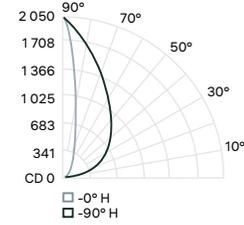


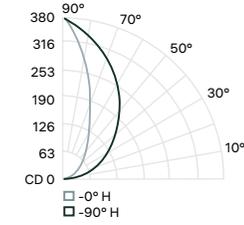
**LINEALUCE 47**  
Surface Remote - RGBW

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

**PHOTOMETRIC DATA**

SYMMETRICAL OPTICS	MODEL	CCT (K)	CRI	OUTPUT	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd/ft)
<b>Flood - 38°×38°</b> 	RGBW	4000	80	HO	13	420	32	929
<b>HO Flood - 38°×38°</b> (4000K, 80CRI) 								

WALL GRAZER OPTICS	MODEL	CCT (K)	CRI	OUTPUT	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd/ft)
<b>Wall Grazer Wide Flood - 16°×64°</b> 	RGBW	4000	80	HO	13	539	41	2 041
<b>HO WGWF- 16°×64°</b> (4000K, 80CRI) 								

ELLIPTICAL OPTICS	MODEL	CCT (K)	CRI	OUTPUT	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd/ft)
<b>Elliptical - 41°×87°</b> 	RGBW	4000	80	HO	13	399	31	377
<b>HO Elliptical - 41°×87°</b> (4000K, 80CRI) 								

Power can vary with selected drivers. Use the multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit [iguzzini.com/us](http://iguzzini.com/us) for complete photometric data.