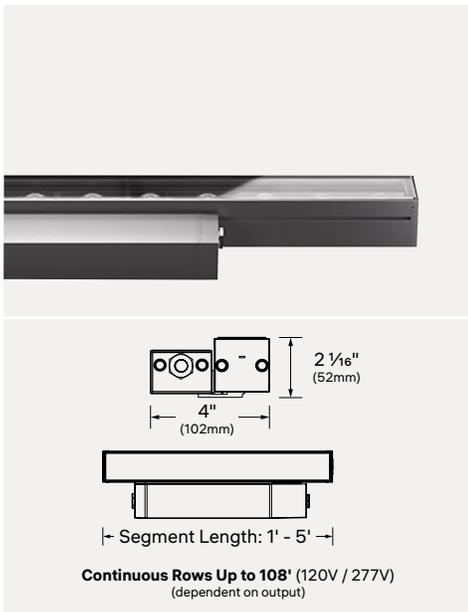


# LINEALUCE 47

## Surface Integral Side box - Static White

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



### PHOTOMETRIC SUMMARY

| Output | Optic          | Lumens (lm/ft) | Efficacy (lm/W) | Max Candela (cd) |
|--------|----------------|----------------|-----------------|------------------|
| HO     | WGS - 13°×16°  | 924            | 61              | 7 453            |
| HO     | WGM - 20°×24°  | 756            | 50              | 2 395            |
| HO     | WGWF - 16°×64° | 1 022          | 68              | 2 881            |

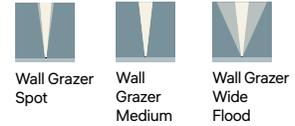
For 3000K, 80CRI. Consult [page 10](#) for full photometric data.

### FINISH OPTIONS



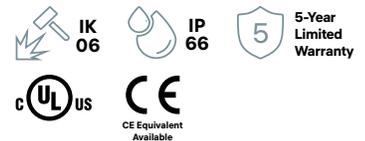
Consult factory for custom finishes

### OPTIC OPTIONS



### FEATURES

- 0-10V and 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 6](#)



### ORDERING INFO

PRODUCT CODE

EXAMPLE: ILM47LS-05-BO-827-SP-M1-UNV-01-D10-NA

| MODEL  | LENGTH <sup>1</sup> | OUTPUT  | LED                         | OPTIC   | MOUNTING  |
|--|---------------------|---|-----------------------------|---|---|
| ILM47LS<br>Linealuce 47<br>Surface with side box |                     | <b>BO</b><br>Base Output<br>(275 to 435 lm/ft, 5.6W/ft)   | <b>827</b><br>2700K, 80CRI  | <b>WALL GRAZER</b><br><br><b>WGS</b><br>Wall Grazer Spot<br>13°×16° | <b>S<sup>2</sup></b><br>Surface<br>Flat installation<br>no arm          |
|  |                     | <b>MO</b><br>Medium Output<br>(450 to 711 lm/ft, 8.5W/ft) | <b>830</b><br>3000K, 80CRI  | <b>WGM</b><br>Wall Grazer Medium<br>20°×24°                         | <b>G<sup>3</sup></b><br>Ground Spike                                    |
|  |                     | <b>HO</b><br>High Output<br>(700 to 1106 lm/ft, 15W/ft)   | <b>835</b><br>3500K, 80CRI  | <b>WGWF</b><br>Wall Grazer Wide Flood<br>16°×64°                    | <b>M</b><br>Arm installation<br>for height below<br>9.5' (3m)           |
|  |                     |   | <b>840</b><br>4000K, 80 CRI |   | <b>U</b><br>Arm installation<br>for height<br>greater than<br>9.5' (3m) |

| ARM   | VOLTAGE                | FINISH                  | DIMMING                                   | INTERNAL ACCESSORIES <sup>4</sup>           |
|---|------------------------|-------------------------|---|---|
| <b>1<sup>2</sup></b><br>No arm  | <b>UNV</b><br>120-277V | <b>01</b><br>White      | <b>D10</b><br>0-10V<br>(down to 1%)       | <b>A3</b><br>Internal Transversal<br>Louver |
| <b>2</b><br>Short Adjustment<br>Stainless steel<br>Arms<br>L: 3/4" (82mm) |                        | <b>02</b><br>Black      |   |   |
| <b>4</b><br>Adjustment<br>Stainless steel<br>Arms<br>L: 1 1/4" (43mm)     |                        | <b>15</b><br>Gray       | <b>A5</b><br>Internal Honeycomb<br>Louver |   |
|   |                        | <b>F5</b><br>Rust Brown |   | <b>A6</b><br>Internal Microlouver           |
|   |                        |                         |   | <b>NA</b><br>No Internal<br>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 7](#) for details  
<sup>2</sup> For Surface flat without arm mounting only (S1).

<sup>3</sup> Available with arm 2 and 3 only  
<sup>4</sup> Before ordering, see optical accessories compatibility [page 3](#). To order external accessory, (NA) must be selected

### ACCESSORIES

To be ordered separately.

CONNECTION ACCESSORY CODE EXAMPLE: IX566

#### CONNECTION ACCESSORIES

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

**IX566**  
Female/Male connector IP68 (0-10V)

**IX757**  
2' (686mm) ø0.15' cable with male/male connector (0-10V)

**IX758**  
6.5' (2000mm) with female connector (0-10V)

**IX759**  
2' (686mm) cable with male/female connector (0-10V)

**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

EXTERNAL ACCESSORY CODE EXAMPLE: IX990-02

#### EXTERNAL ACCESSORIES

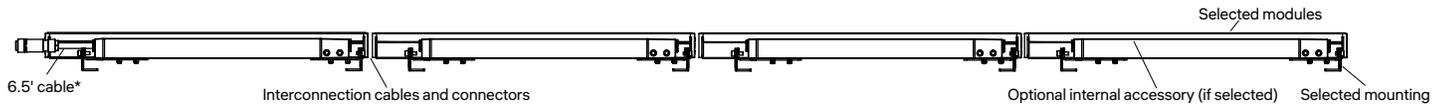
Detail on external optic accessories are available on [page 2](#).

**LINEALUCE 47**

**Surface Integral Side box - Static White**

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

**INCLUDED IN PRODUCT CODE**



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

**OPTIONAL EXTERNAL ACCESSORIES**

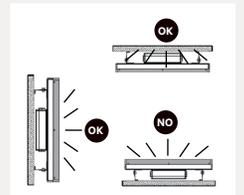
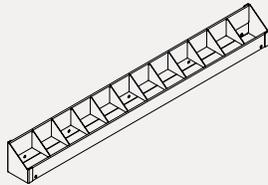
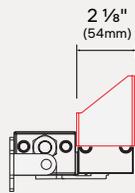
To be ordered separately.

**EXTERNAL ACCESSORY CODE**

EXAMPLE: IX998-02

**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

**IX873-02**

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

**IX874-02**

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

**IX875-02**

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

**IX876-02**

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

**ILM47LS-SW-A2-XX**

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

\*Not available with M4 and U4 mounting

# LINEALUCE 47

## Surface Integral Side box - Static 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  |   |   |   |
|---|---|---|---|
|  |  |  |  |
| <b>A3</b><br>Internal transversal louver<br><b>Color Black</b>                    | <b>A4</b><br>Internal longitudinal louver<br><b>Color Black</b>                   | <b>A5</b><br>Internal honeycomb louver<br><b>Color Black</b>                      | <b>A6</b><br>Internal microlouver<br><b>Color Black</b>                             |

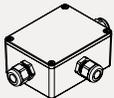
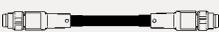
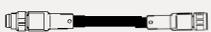
#### OPTIC / OPTIONAL OPTIC ACCESSORY COMPATIBILITY

1 accessory maximum

| OPTICS \ OPTIONAL OPTIC ACCESSORY | A2 VISOR | A3 TRANSVERSAL LOUVER | A4 LONGITUDINAL LOUVER | A5 HONEYCOMB LOUVER | A6 MICROLOUVER |
|-----------------------------------|----------|-----------------------|------------------------|---------------------|----------------|
| WGS                               | ✓        | X                     | ✓                      | X                   | ✓              |
| WGM                               | ✓        | X                     | ✓                      | X                   | ✓              |
| WGW                               | ✓        | ✓                     | ✓                      | ✓                   | ✓              |

#### CONNECTION ACCESSORIES

To be ordered separately.

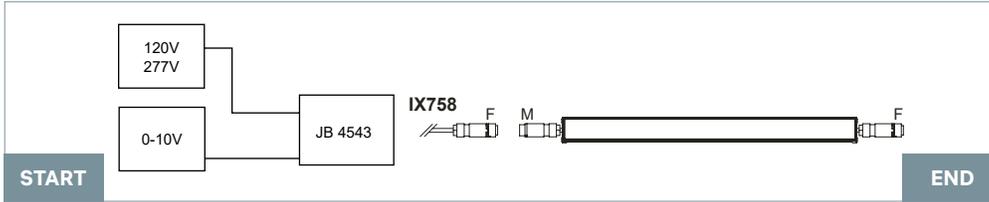
| JUNCTION BOX   | 0-10V CABLE   |  |   |   |
|--|---|--|---|---|
|   |      |                             |            |  |
| <b>4543-00</b><br>Wet location junction box.<br><b>Color</b> Aluminum unfinished<br>Includes 3 cable clamp for ø3/16 to 7/16in cable and 1 plug. | <b>IX566</b><br>Female/Male connector IP68<br>5 poles, use with 5/18AWG SJOOV wire type | <b>IX757</b><br>2' (686mm) ø0.15' cable with male/male connector.  | <b>IX758</b><br>6.5' (2000mm) with female connector.  | <b>IX759</b><br>2' (686mm) cable with male/female connector                           |
|  | DMX CABLE   |  |   |   |
|  |      |                             |            |  |
|  | <b>IX964</b><br>Female/Male connector IP68<br>6 poles, use with 6/18AWG SJOOV wire type | <b>IXA64</b><br>2' (686mm) ø0.15' cable with male/male connector.<br>Include DMX resistor and female connector | <b>IXA63</b><br>6.5' (2000mm) with female connector.<br>Include DMX resistor and male connector | <b>IXA65</b><br>2' (686mm) cable with male/female connector                           |

**LINEALUCE 47**  
**Surface Integral Side box - Static White**

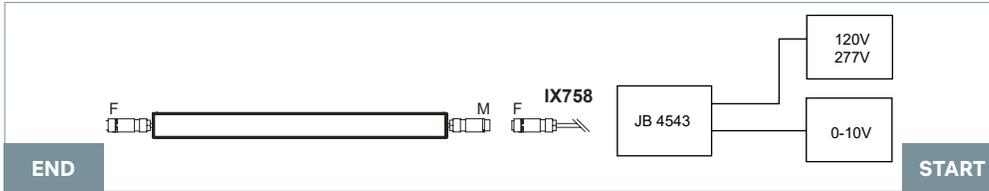
Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

**WIRING INFORMATION - 0-10V**

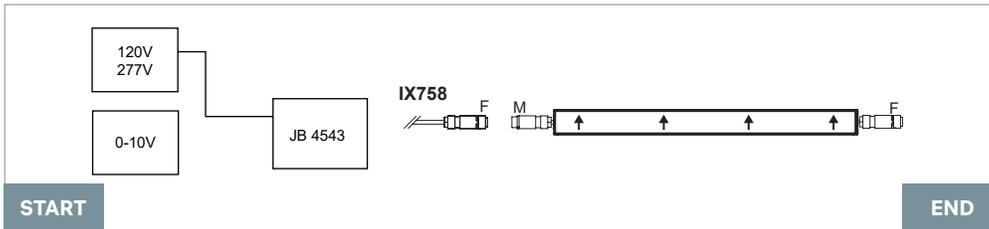
**TYPICAL INSTALLATION DIAGRAM LEFT SIDE FEED**



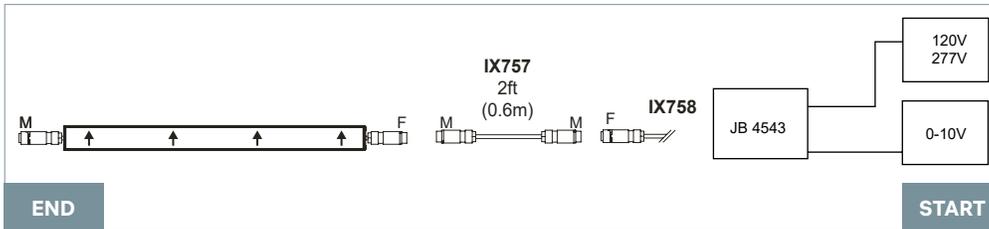
**TYPICAL INSTALLATION DIAGRAM RIGHT SIDE FEED**



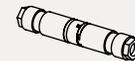
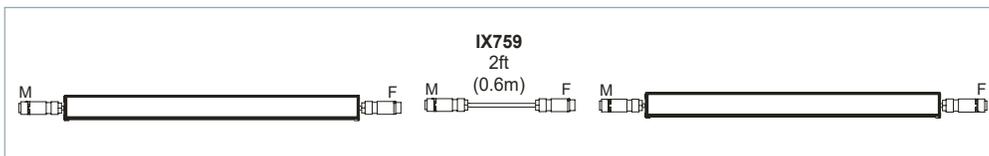
**TYPICAL INSTALLATION DIAGRAM WITH OPTIC ORIENTATION ONLY (WGM OPTIC) LEFT SIDE FEED**



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



**JUMPER BETWEEN 2 MODULES**



art. **IX566**  
 Connector to use with custom cable length (by other)  
**Suitable for cable diameter =**  
 0.27"- 0.51" (7.1-13mm)  
**Cable recommendation:**  
 5/18AWG SJOOW, Ø0.35in (9.35mm)

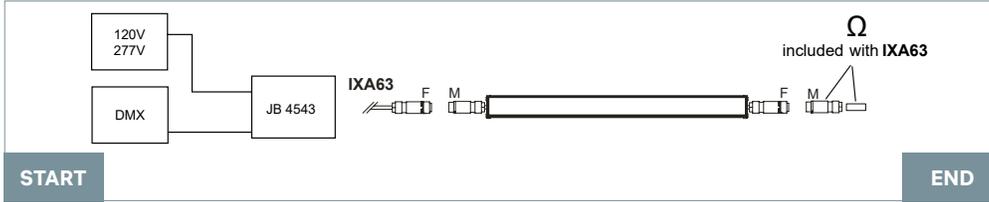
# LINEALUCE 47

## Surface Integral Side box - Static White

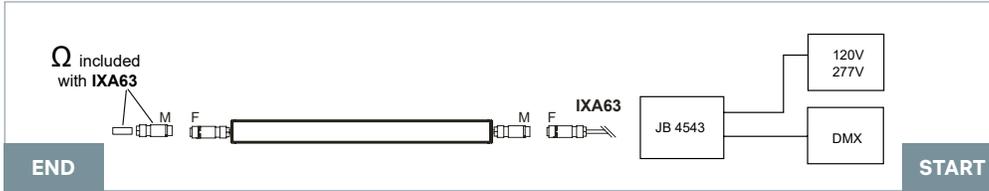
Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

### WIRING INFORMATION - DMX

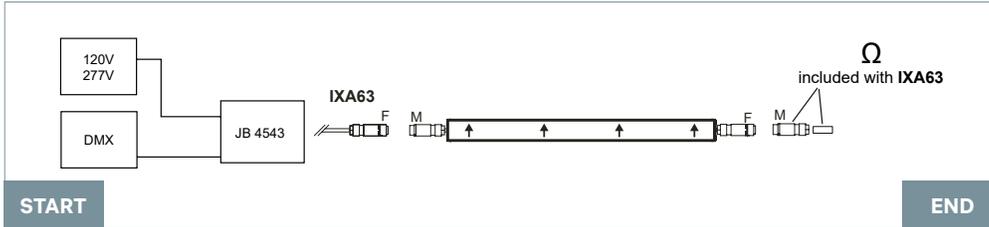
#### TYPICAL INSTALLATION DIAGRAM LEFT SIDE FEED



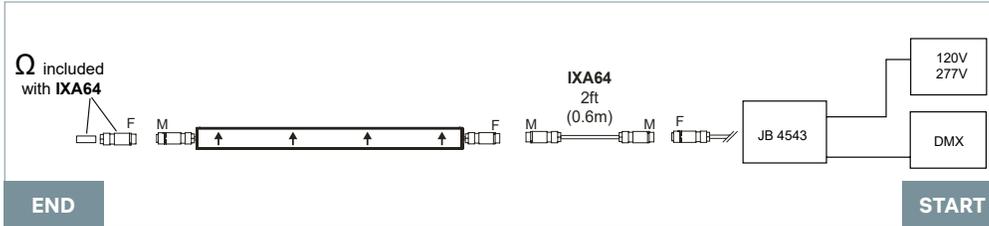
#### TYPICAL INSTALLATION DIAGRAM RIGHT SIDE FEED



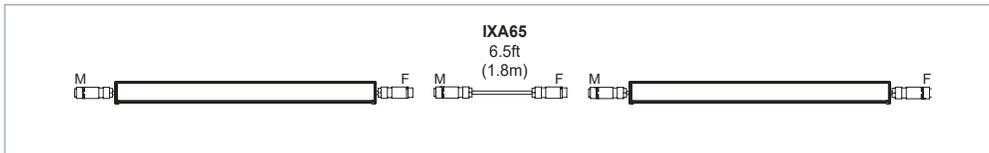
#### TYPICAL INSTALLATION DIAGRAM WITH OPTIC ORIENTATION ONLY (WGM OPTIC) LEFT SIDE FEED



#### TYPICAL INSTALLATION DIAGRAM WITH OPTIC ORIENTATION ONLY (WGM OPTIC) RIGHT SIDE FEED



#### JUMPER BETWEEN 2 MODULES



art. **IX964**  
 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 Side box - Static White

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

### SPECIFICATIONS

#### SOURCE

White LED (LM-80),  
 2700K: 80CRI,  
 3000K: 80CRI,  
 3500K: 80CRI,  
 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)

#### OPTICS

**Wall Grazer Optics:** Spot, medium or wide flood.

#### MATERIAL

**Body:** Extruded aluminum  
**End Caps:** Die-cast aluminum alloy  
**Protective Screen:** 5/32" (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 06' and more continuous row compositions.

#### INRUSH CURRENT PEAK

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

#### DIMMING

0-10V dimming (120-277V), down to 1% or 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

4.34lb/ft (1.97kg/ft)

#### WARRANTY

5 year limited warranty.

#### RATINGS

IP66, IK06

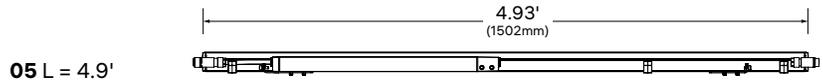
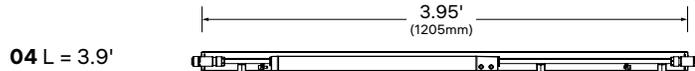
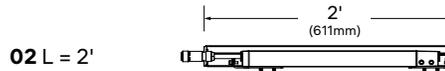
#### CERTIFICATION

cULus listed for wet location



### LENGTHS

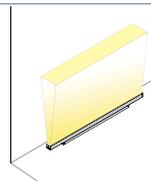
All units are equipped with 2 connectors (male / female) for through wiring.



### SIDE VIEW

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

### OPTICS OVERVIEW



#### GRAZER



Wall Grazer Spot (13°x16°)



Wall Grazer Medium (20°x24°)



Wall Grazer Wide Flood (16°x64°)

**LINEALUCE 47**

**Surface Integral Side box - Static White**

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

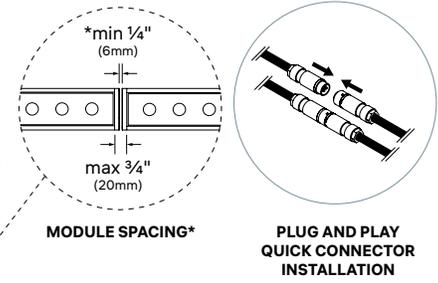
**CONTINUOUS ROWS EXAMPLES**

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

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

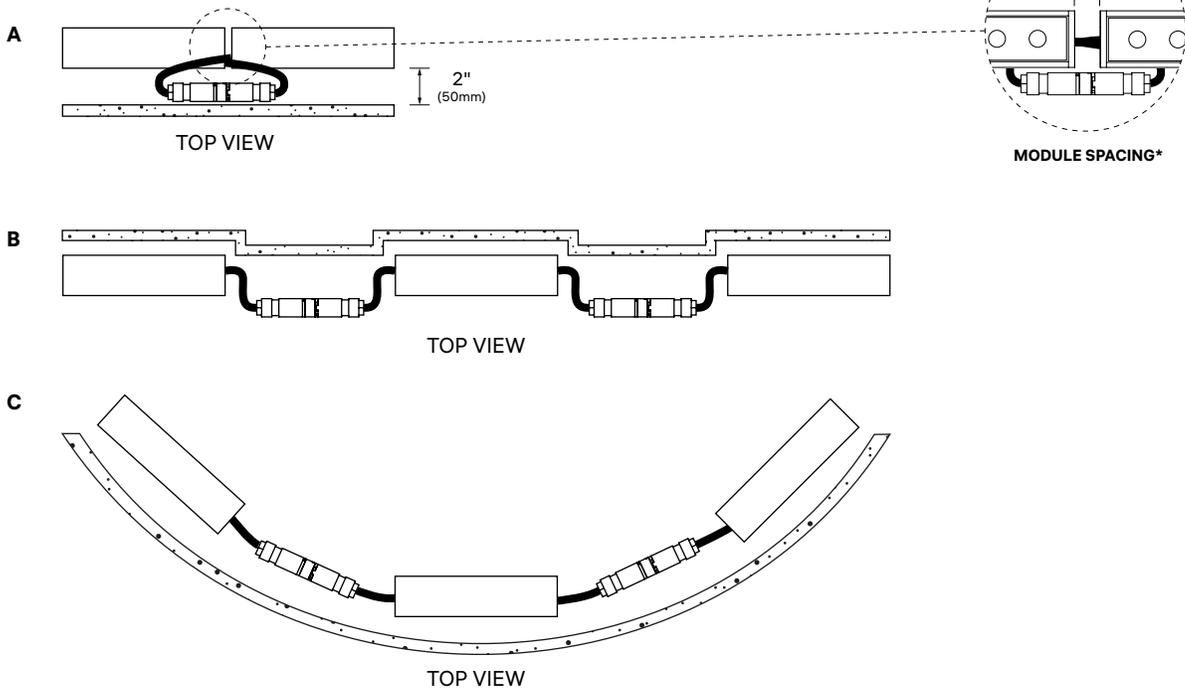
**24 L = 23.74'**   
 Module combination: 4x1502mm + 1x1205mm  
 Total length: 23.74' (6346mm)



\* For O2 to O5 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 Side box - Static White

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

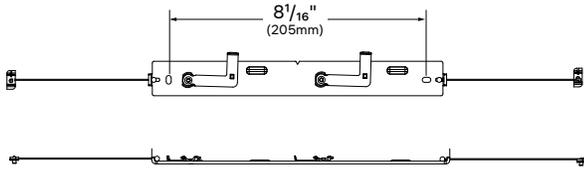
### MOUNTING AND DIMENSIONS

Consult instruction sheet for limitations and detail on installation.

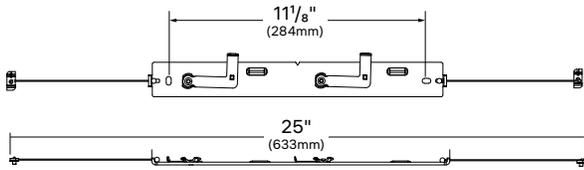
#### SURFACE FLAT-FIX INSTALLATION FOR HEIGHTS LESS THAN 9.5FT (3M)\*

##### S1 - Plate for flat surface mounting

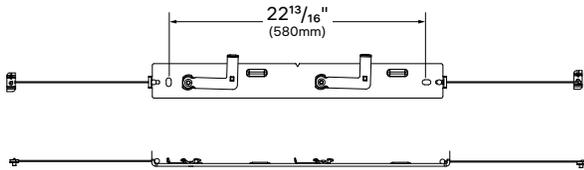
For Linealuce 47 with side box 1ft and 2ft module (L=340 and 610mm) (XA69)  
 Need a width clearance of 7" (177mm) to install.\*



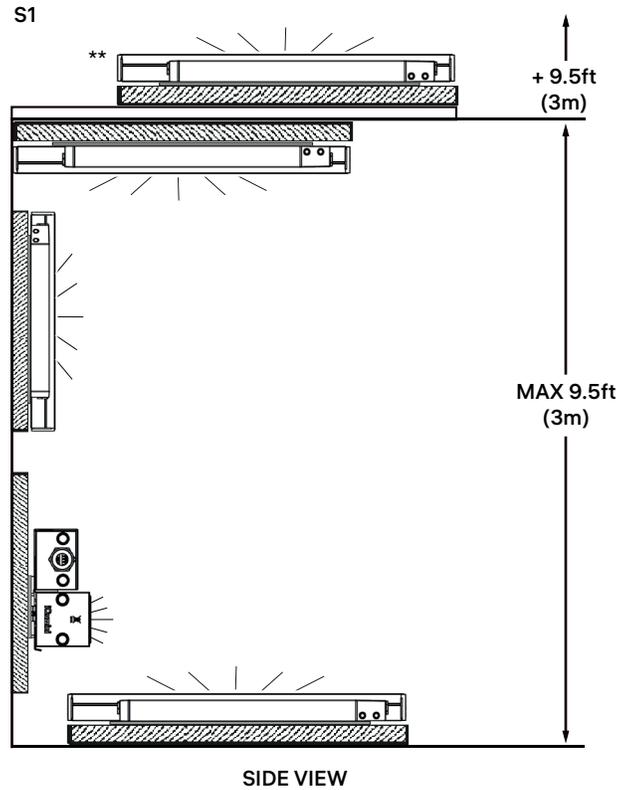
For Linealuce 47 with side box 3ft module (L=907mm) (X797).  
 Need a width clearance of 7" (177mm) to install.\*



For Linealuce 47 with side box 4ft and 5ft module (L=1204 and 1501mm) (X798).  
 Need a width clearance of 7" (177mm) to install.\*



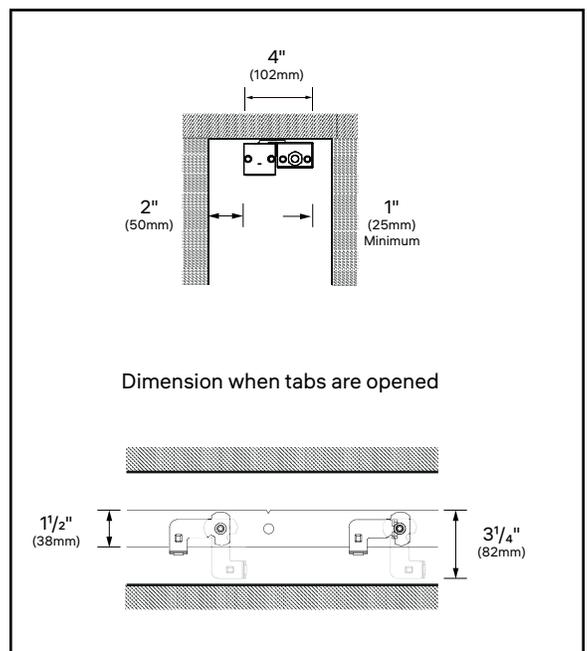
#### PERMITTED INSTALLATION POSITION



\*\*Can be install higher than 9.5ft (3m) only in horizontal position facing upwards

#### MINIMUM WIDTH CLEARANCE

\*Need minimum width clearance of 7" (177mm) to install.



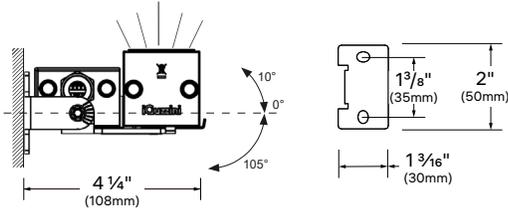
**LINEALUCE 47**

**Surface Integral Side box - Static White**

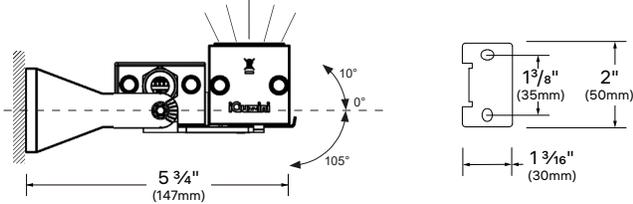
Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

**ARM INSTALLATION FOR HEIGHTS LESS THAN 9.5FT (3M)**

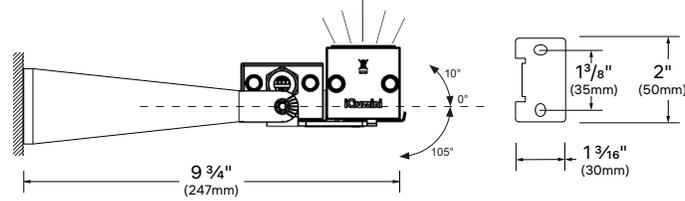
**M2 - Short Adjustment Stainless steel Arms L: 1 1/16" (43mm) (X791)**



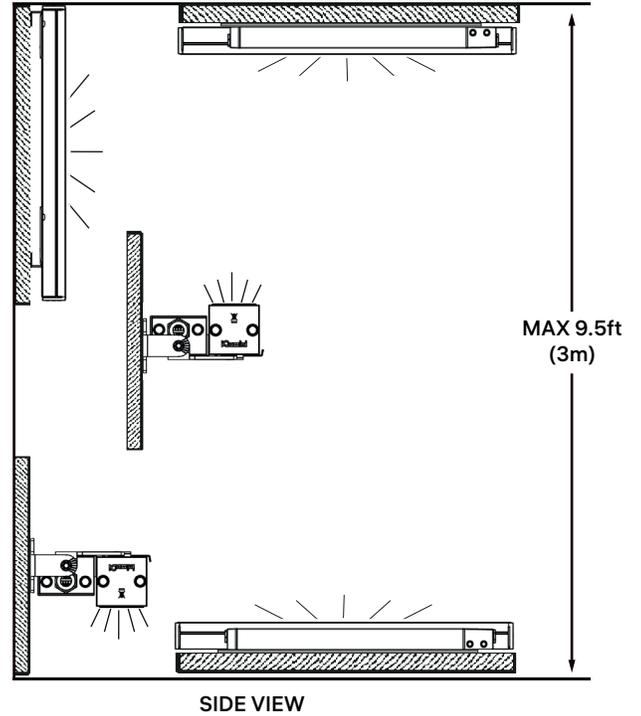
**M3 - Adjustment Stainless steel Arms L: 3/4" (82mm) (X792)**



**M4 - Adjustment Stainless steel Arms L: 7 3/16" (182mm) (X793)**



**M2-M3-M4**



# LINEALUCE 47

## Surface Integral Side box - Static White

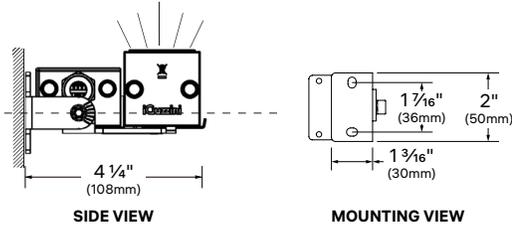
Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

### MOUNTING AND DIMENSIONS

Consult instruction sheet for limitations and detail on installation.

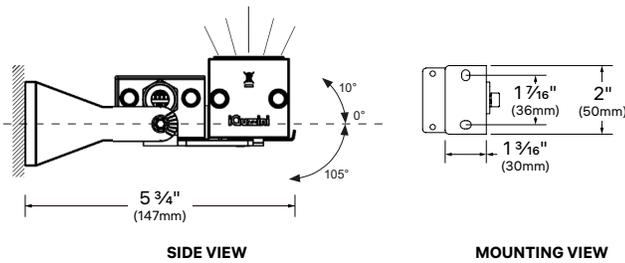
#### ARM INSTALLATION FOR HEIGHTS MORE THAN 9.5FT (3M)

##### U2 - Short Adjustment Stainless steel Arms L: 1<sup>11</sup>/<sub>16</sub>" (43mm) (X794)



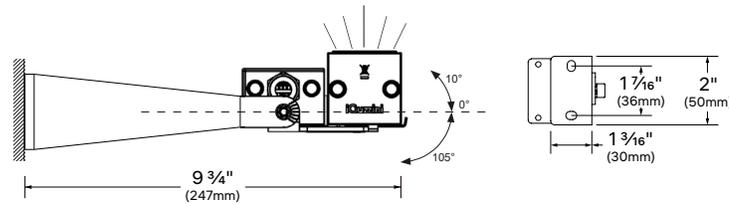
| WEIGHT             | EPA   |
|--------------------|---|
| 1.08lb<br>(0.49kg) | 0.08ft <sup>2</sup><br>(0.007m <sup>2</sup> ) |

##### U3 - Adjustment Stainless steel Arms L: 3/4" (82mm) (X795)



| WEIGHT             | EPA   |
|--------------------|---|
| 1.23lb<br>(0.56kg) | 0.08ft <sup>2</sup><br>(0.007m <sup>2</sup> ) |

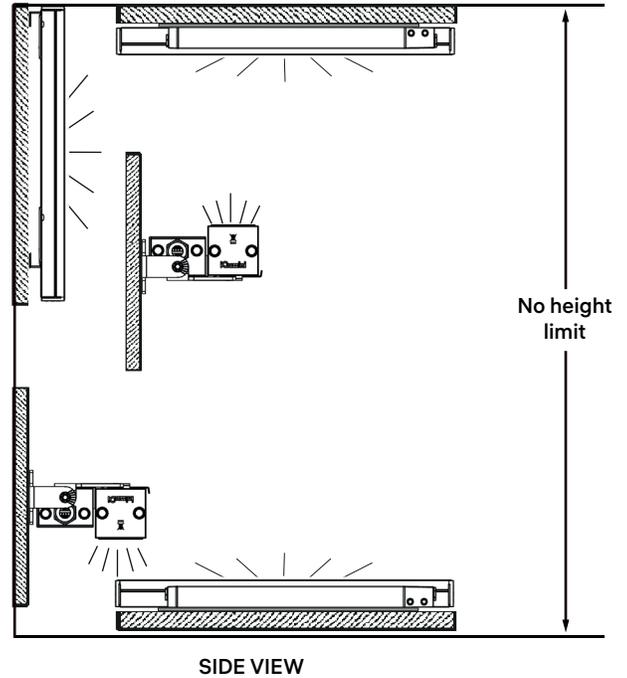
##### U4 - Adjustment Stainless steel Arms L: 7/8" (182mm) (X796)



| WEIGHT            | EPA   |
|-------------------|---|
| 1.54lb<br>(0.7kg) | 0.08ft <sup>2</sup><br>(0.007m <sup>2</sup> ) |

#### PERMITTED INSTALLATION POSITION

##### U2-U3-U4



| MODULE LENGTH                | EPA*  |
|------------------------------|---|
| <b>01</b> L = 1.1' (340mm)   | 0.48ft <sup>2</sup><br>(0.045m <sup>2</sup> ) |
| <b>02</b> L = 2' (611mm)     | 0.83ft <sup>2</sup><br>(0.077m <sup>2</sup> ) |
| <b>03</b> L = 2.98' (908mm)  | 1.22ft <sup>2</sup><br>(0.113m <sup>2</sup> ) |
| <b>04</b> L = 3.95' (1205mm) | 1.61ft <sup>2</sup><br>(0.150m <sup>2</sup> ) |
| <b>05</b> L = 4.93' (1502mm) | 2ft <sup>2</sup><br>(0.186m <sup>2</sup> )    |

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

**LINEALUCE 47**  
**Surface Integral Side box - Static White**

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

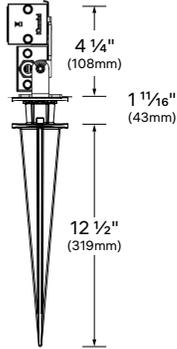
**MOUNTING AND DIMENSIONS**

Consult instruction sheet for limitations and detail on installation.

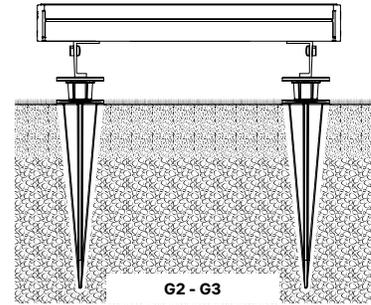
**SPIKE IN SOIL WITH PIVOT ARM**

(To be used together with arms)

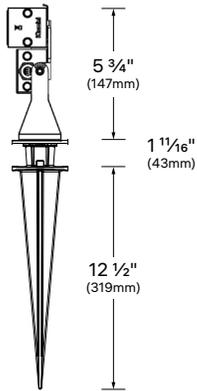
**G2 - Pair of spikes and pair of short stainless steel adjustable arms.**  
 (X476 + X791)



**PERMITTED INSTALLATION POSITION**



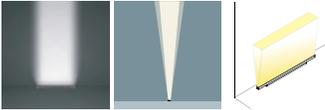
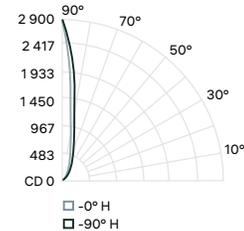
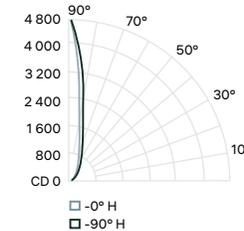
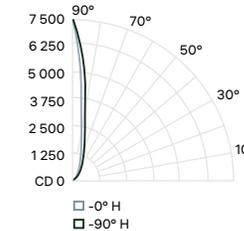
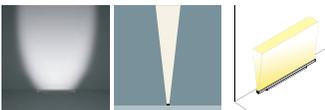
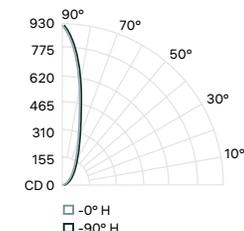
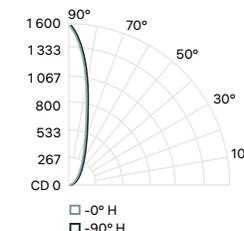
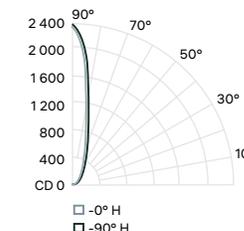
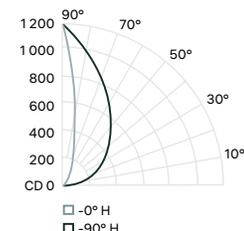
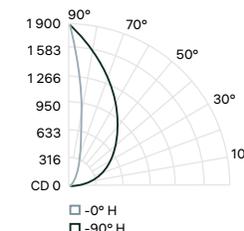
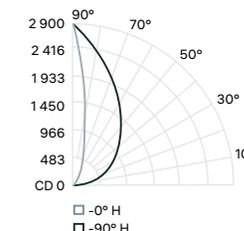
**G3 - Pair of spikes and pair of short stainless steel adjustable arms.**  
 (X476 + X792)



**LINEALUCE 47**  
**Surface Integral Side box - Static White**

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

**PHOTOMETRIC DATA**

| WALL GRAZER OPTICS   | CCT (K) | CRI | OUTPUT  | POWER (W/ft)   | LUMENS (lm/ft)  | EFFICACY (lm/W) | MAX CANDELA (cd) |
|--|---------|-----|---|--|---|-----------------|------------------|
| <b>Wall Grazer Spot - 13°x16°</b><br>         | 3000K   | 80  | BO  | 5.6  | 356   | 63              | 2,875            |
|  |         |     | MO  | 8.5  | 594   | 69              | 4,791            |
|  |         |     | HO  | 15   | 924   | 61              | 7,453            |
|  |         |     | <b>BO Wall Grazer Spot - 13°x16°</b><br>(3000K, 80CRI)<br>         | <b>MO Wall Grazer Spot - 13°x16°</b><br>(3000K, 80CRI)<br>         | <b>HO Wall Grazer Spot - 13°x16°</b><br>(3000K, 80CRI)<br>         |                 |                  |
| <b>Wall Grazer Medium - 20°x24°</b><br>       | 3000K   | 80  | BO  | 5.6  | 291   | 51              | 923              |
|  |         |     | MO  | 8.5  | 486   | 57              | 1,540            |
|  |         |     | HO  | 15   | 756   | 50              | 2,395            |
|  |         |     | <b>BO Wall Grazer Medium - 20°x24°</b><br>(3000K, 80CRI)<br>     | <b>MO Wall Grazer Medium - 20°x24°</b><br>(3000K, 80CRI)<br>     | <b>HO Wall Grazer Medium - 20°x24°</b><br>(3000K, 80CRI)<br>     |                 |                  |
| <b>Wall Grazer Wide Flood - 16°x64°</b><br> | 3000K   | 80  | BO  | 5.6  | 394   | 70              | 1,111            |
|  |         |     | MO  | 8.5  | 657   | 77              | 1,852            |
|  |         |     | HO  | 15   | 1,022   | 68              | 2,881            |
|  |         |     | <b>BO Wall Grazer Wide Flood - 16°x64°</b><br>(3000K, 80CRI)<br> | <b>MO Wall Grazer Wide Flood - 16°x64°</b><br>(3000K, 80CRI)<br> | <b>HO Wall Grazer Wide Flood - 16°x64°</b><br>(3000K, 80CRI)<br> |                 |                  |

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

|                   |             |          |          |          |
|-------------------|-------------|----------|----------|----------|
| CCT Options       | 2700K       | 3000K    | 3500K    | 4000K    |
| CRI Options       | 80CRI       | 80CRI    | 80CRI    | 80CRI    |
| <b>Multiplier</b> | <b>0.92</b> | <b>1</b> | <b>1</b> | <b>1</b> |