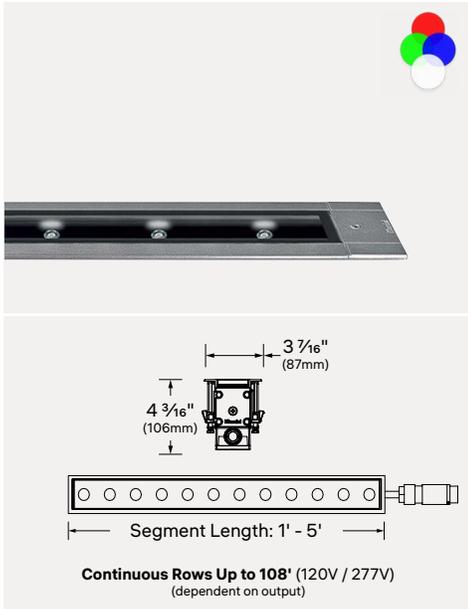


# LINEALUCE 47

## Recessed Integral - RGBW

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



### PHOTOMETRIC SUMMARY

Output (W/ft)	Optic	Model	Lumens (lm/ft)	Efficacy (lm/W)	Max Candela (cd)
HO 12.7	WGWF 17°x63°	RGBW830	495	39	1206
		RGBW840	510	40	1242

For 3000K, 80CRI. Consult [page 8](#) for full photometric data.

### FEATURES

- DMX down to 1%
- Additional sizing available with remote driver: [27 \(1.06"\)](#), [37 \(1.50"\)](#), & [47 \(1.85"\)](#) Coming soon
- Plug and play quick connectors for continuous rows
- Consult factory for further customization
- Full specification available [page 6](#)

### FINISH OPTIONS



Consult factory for custom finishes

### OPTIC OPTIONS



Wall Grazer Wide Flood



### ORDERING INFO

PRODUCT CODE

EXAMPLE: ILM47R-05-BO-827-SP-M1-UNV-01-D10-NA

RECESSED BOX CODE

EXAMPLE: ILL47R-01-M1

MODEL	LENGTH <sup>1</sup>	OUTPUT	LED	OPTIC	MOUNTING
ILM47R Linealuce 47 recessed		<b>BO</b> Base Output (310 lm/ft, 7.7W/ft)	<b>RGBW830</b> RGB White 3000K, 80 CRI	<b>WALL GRAZER</b> <b>WGWF</b> Wall Grazer Wide Flood 17°x63°	<b>M1</b> Back box
		<b>MO</b> Medium Output (421 lm/ft, 12.1W/ft)	<b>RGBW840</b> RGB White 4000K, 80 CRI		
		<b>HO</b> High Output (495 lm/ft, 12.7 W/ft)			

### ACCESSORIES

To be ordered separately.

CONNECTION ACCESSORY CODE EXAMPLE: IX566

CONNECTION ACCESSORIES
More information available on <a href="#">page 3</a> .
<b>IX964</b> IP68 M / F connectors - 6 poles - 50/120V 2 pcs heat shrinkable tubing. (D10-DMX)
<b>IXA63</b> 1x F 6 poles connector + 6.5ft cable 1x M 6 poles connector Silicon cap +120 ohm end resistor. (DMX)
<b>IXB19</b> IP68 M / F connectors - 6 poles - 50/120V 33ft (10m) cable 2 pcs heat shrinkable tubing (DMX)
<b>IXB04</b> 1x F 6 poles connector + 6.5ft cable 1x M 6 poles connector + 6.5ft cable (DMX)
<b>4543-00</b> Wet location junction box

VOLTAGE	FINISH	DIMMING	INTERNAL OPTIONAL ACCESSORIES <sup>3</sup>	
UNV 120-277V	<b>01</b> White	<b>DMX</b> DMX-RDM control	<b>A3</b> Internal Transversal Louver	<b>A6</b> Internal Microlouer
	<b>02</b> Black		<b>A4</b> Internal Longitudinal Louver	<b>NA</b> No Internal Accessory
	<b>15</b> Gray		<b>A5</b> Internal Honeycomb Louver	
	<b>F5</b> Rust Brown			

<sup>1</sup> The length above 05' are module composition in continuous row. They are available with M1 mounting only

<sup>2</sup> Available with standalone in concrete only

<sup>3</sup> Before ordering, see optical accessories compatibility [page 3](#).

DM-R3 | Last Update : December 10, 2025

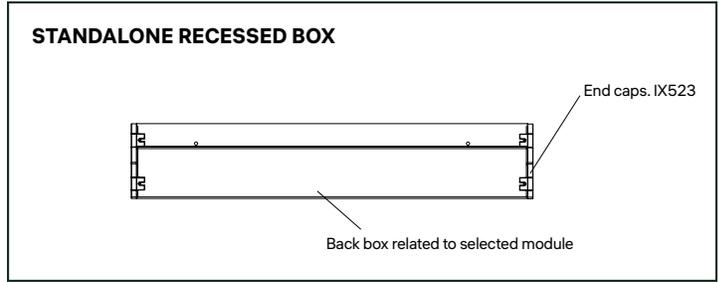
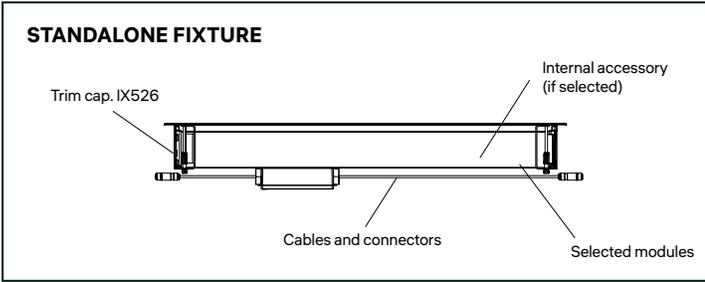
**LINEALUCE 47**

**Recessed Integral - RGBW**

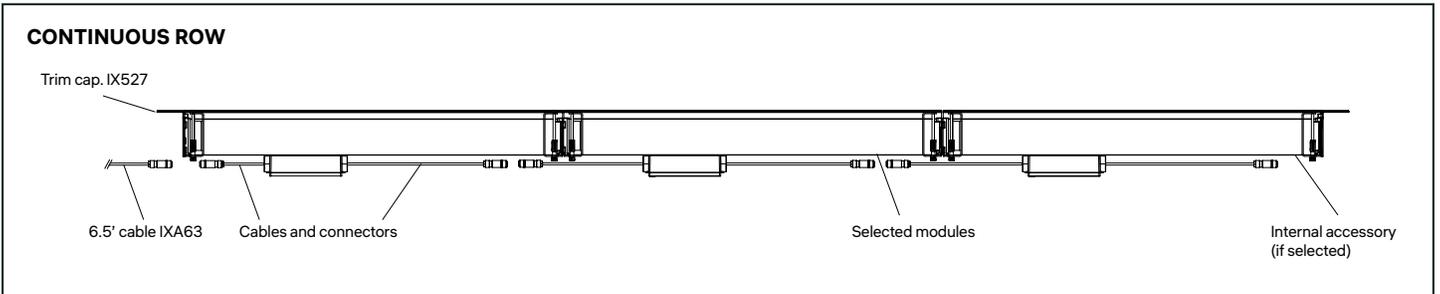
Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

INCLUDED IN PRODUCT CODE

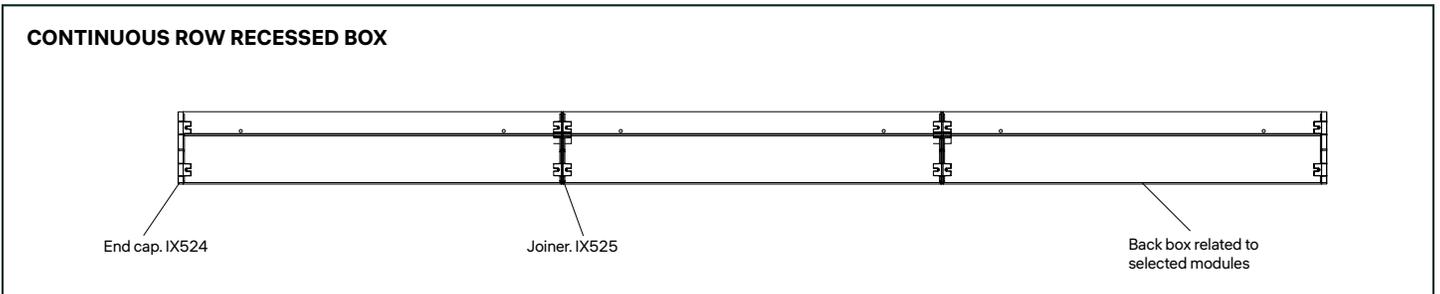
INCLUDED IN RECESSED BOX CODE



INCLUDED IN PRODUCT CODE



INCLUDED IN RECESSED BOX CODE



# LINEALUCE 47

## Recessed Integral - RGBW

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

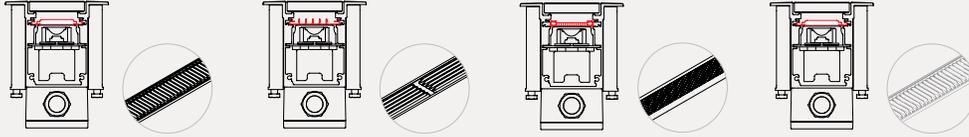
### ACCESSORIES

Consult instruction sheet for limitations and detail 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 microlover  
**Color** Black

### OPTIC / OPTIONAL OPTIC ACCESSORY COMPATIBILITY

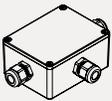
1 accessory maximum

OPTICS	OPTIONAL OPTIC ACCESSORY	A3 TRANSVERSAL LOUVER	A4 LONGITUDINAL LOUVER	A5 HONEYCOMB LOUVER	A6 MICROLOUVER
WGWF		✓	✓	✓	✓

### 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**  
 IP68 M / F connectors - 6 poles - 50/120V.  
 2 pcs heat shrinkable tubing.

**Can be wired with cable type**  
 SJOOW 6 conductors /20-16AWG  
 Ø 0.4" - 0.55" (10-14mm)



**IXA63**  
 1x F 6 poles connector + 6.5ft cable  
 1x M 6 poles connector  
 Silicon cap +120 ohm end resistor.



**IXB19**  
 IP68 M / F connectors - 6 poles - 50/120V  
 33ft (10m) cable  
 2 pcs heat shrinkable tubing



**IXB04**  
 1x F 6 poles connector + 6.5ft cable  
 1x M 6 poles connector + 6.5ft cable

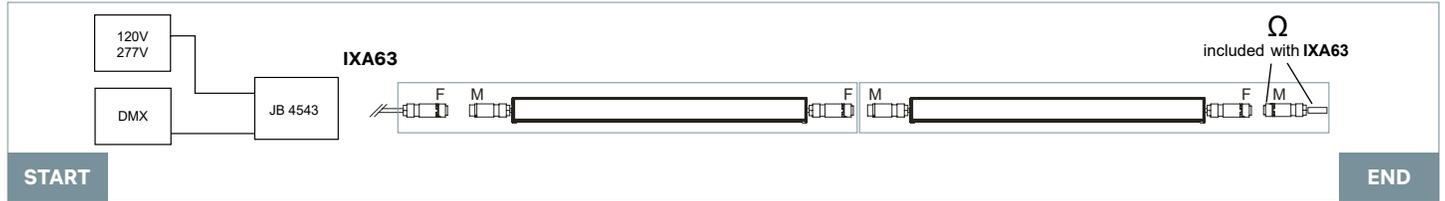
**LINEALUCE 47**

**Recessed Integral - RGBW**

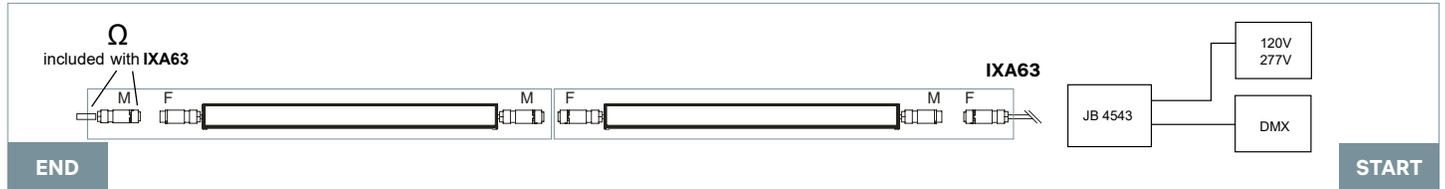
Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

**WIRING INFORMATION - DMX**

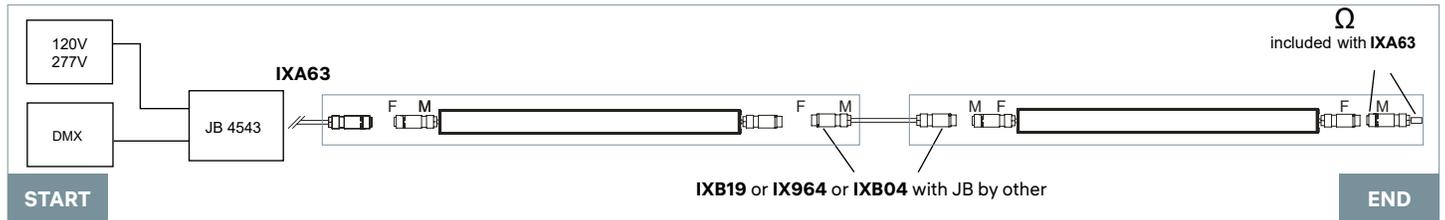
**TYPICAL INSTALLATION DIAGRAM CONTINUOUS ROW, NO ORIENTATION OPTICS**



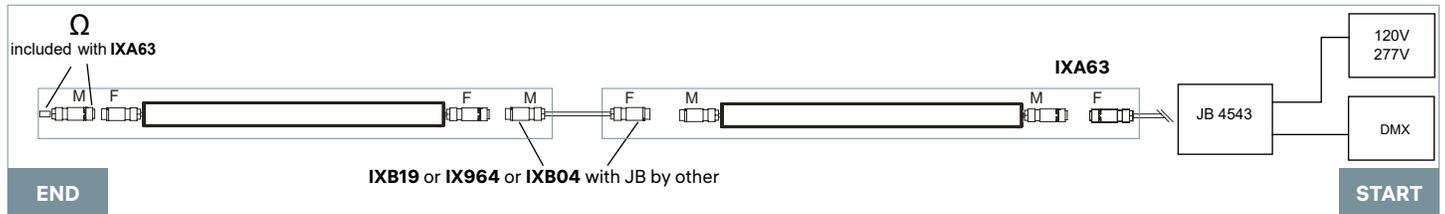
**TYPICAL INSTALLATION DIAGRAM CONTINUOUS ROW, NO ORIENTATION OPTICS**



**TYPICAL INSTALLATION DIAGRAM LEFT SIDE FEED STANDALONE, NO ORIENTATION OPTICS**



**TYPICAL INSTALLATION DIAGRAM RIGHT SIDE FEED STANDALONE, NO ORIENTATION OPTICS**



**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, Ø0.4in (10.3mm)

**LINEALUCE 47**

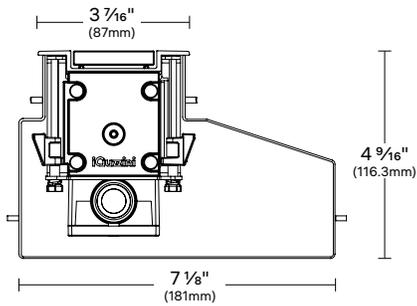
**Recessed Integral - RGBW**

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

**MOUNTING AND DIMENSIONS**

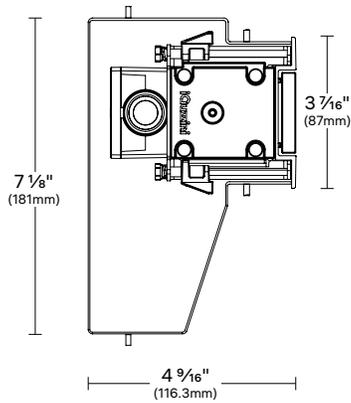
**M1 - Back box installation**

For floor or ground standalone or continuous row installation



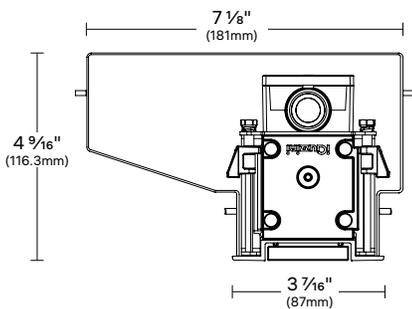
**M2 - Back box installation with safety cable installation**

For wall standalone installation in concrete only



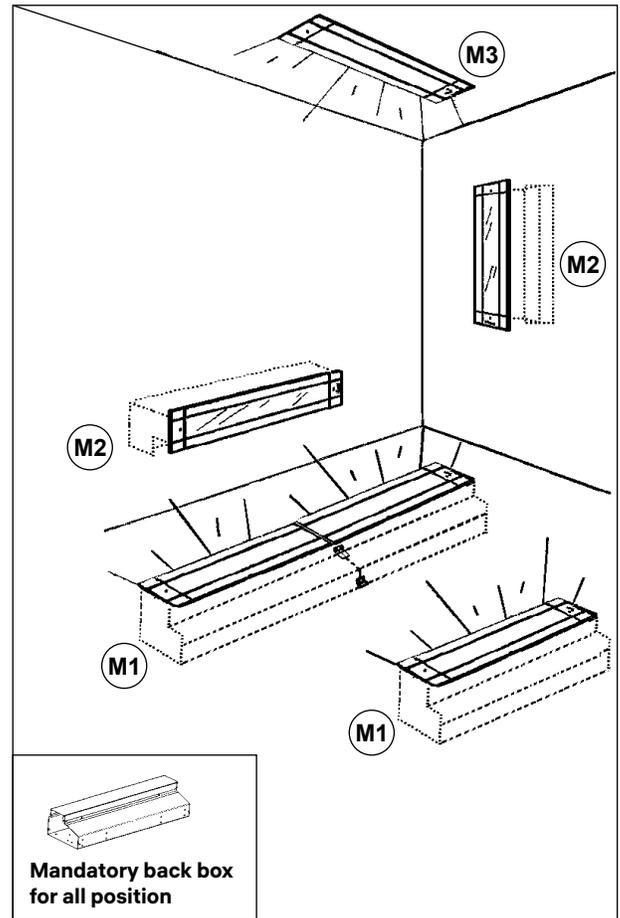
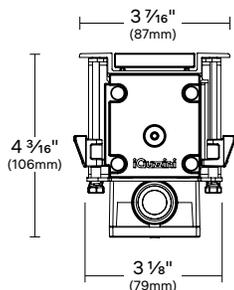
**M3 - Back box installation with safety cable installation**

For ceiling standalone installation in concrete only.



**NA - No back box**

For module replacement



**LINEALUCE 47**

**Recessed Integral - RGBW**

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

**SPECIFICATIONS**

**SOURCE**

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

**LUMEN MAINTENANCE**

80% of initial lumens at 75 000 hours (L80 B10) Ta 77°F (25°C)  
 80% of initial lumens at 74 000 hours (L80 B10) Ta 104°F (40°C)

**OPTICS**

**Wall Grazer Optics:** Wide flood.

**MATERIAL**

**Body:** Extruded aluminum  
**End Caps:** Die-cast aluminum alloy  
**Protective Screen:** 5/16" (8mm) sodium-calcium tempered sealing glass with silk screen.  
**Optic Diffuser:** PMMA (polymethyl methacrylate)  
**Hardware:** Stainless steel

**MOUNTING**

Concrete ceiling and concrete wall with back box, stand alone installation. Ground recessed with back box, stand alone or continuous row installation. Ground recessed installation must have 8" gravel below the luminaire to allow proper drainage.

**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**

DMX-RDM control (120-277V).

**OPERATING TEMPERATURE**

-22°F to 122°F (-30°C to 50°C)

**GLASS SURFACE TEMPERATURE**

104°F (40°C)

**LOAD CAPACITY**

Maximum static load 4409lb (2000kg). Suitable for vehicles with tires. Not suitable for street lanes with horizontal stresses from acceleration, braking or change of direction.

**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**

Fixture 3.7lb/ft (1.67kg/ft)  
 Recessed box 1.4lb/ft (0.61kg/ft)

**WARRANTY**

5 year limited warranty.

**RATINGS**

IP67, IK10

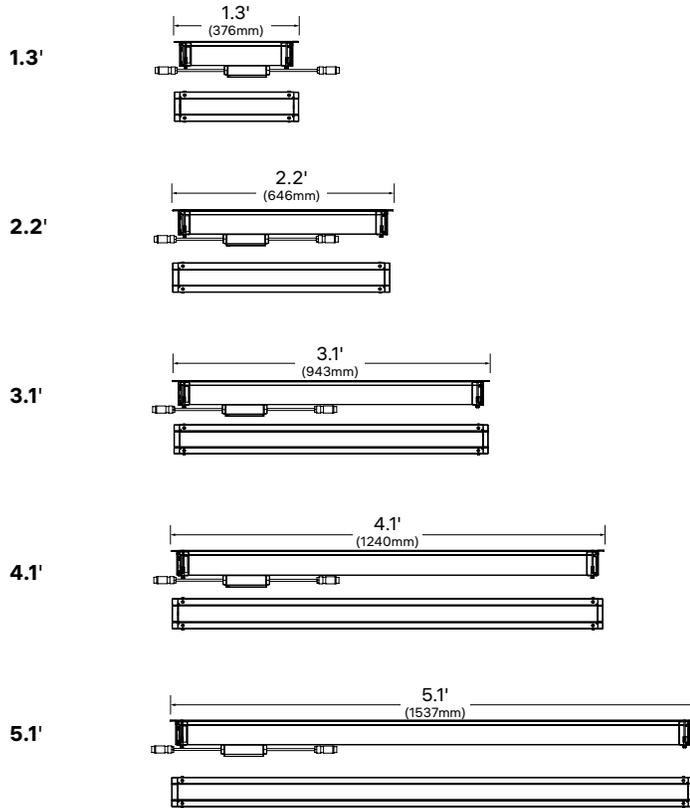
**CERTIFICATION**

cULus listed for wet location



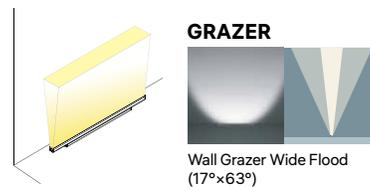
**LENGTHS**

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



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

**OPTICS OVERVIEW**



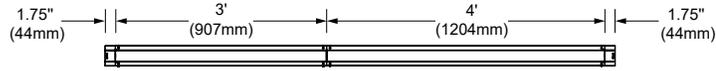
**LINEALUCE 47**

**Recessed Integral - RGBW**

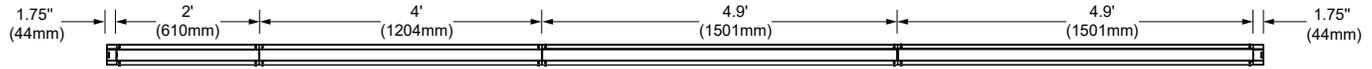
Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

**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.



**7.3'** Module Combination: 1x 3'(907mm) + 1x 4'(1204mm)  
 Total length: 7.22' (2200mm)



**16.1'** Module Combination: 1x 2'(610mm) + 1x 4'(1204mm) + 2x (4.9'1501mm)  
 Total length: 16.09' (4904mm)

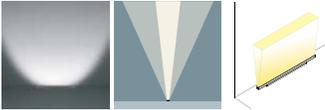
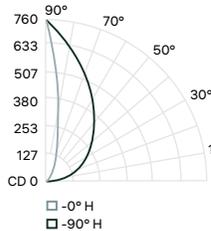
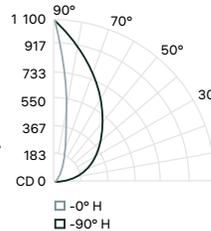


**19.1'** Module Combination: 1x 4'(1204mm) + 3x 4.9'(1501mm)  
 Total length: 19.01' (5794mm)

**LINEALUCE 47**

**Recessed Integral - RGBW**

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

WALL GRAZER OPTICS	MODEL	CCT (K)	CRI	OUTPUT	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd)
<b>Wall Grazer Wide Flood - 17°x63°</b> 	RGBW830	3000	80	BO	7.7	310	40	755
				MO	12.1	421	35	1 026
				HO	12.7	495	39	1206
				<b>BO Wall Grazer Wide Flood - 17°x63° (3000K, 80CRI)</b> 			<b>MO Wall Grazer Wide Flood - 17°x63° (3000K, 80CRI)</b> 	

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

CCT Options	3000K	4000K
CRI Options	80CRI	80CRI
<b>Multiplier</b>	<b>1</b>	<b>1.03</b>