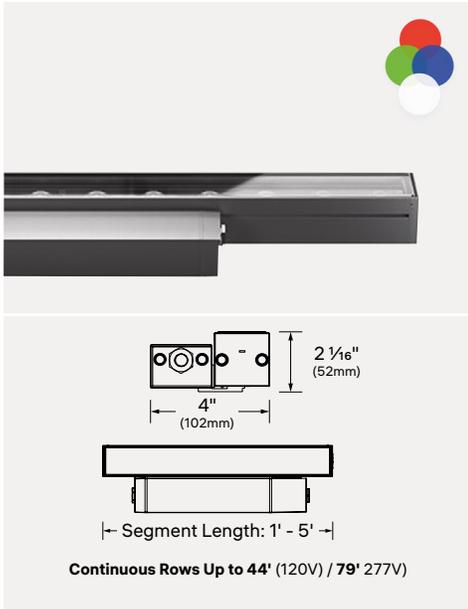


LINEALUCE 47

Surface Integral Side Box - RGBW

Project: _____
 Type: _____



PHOTOMETRIC SUMMARY

Output	Optic	Lumens (lm/ft)	Efficacy (lm/W)	Max Candela (cd)
HO	WGWF - 16°x64°	629	38	2 080

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

FINISH OPTIONS



Consult factory for custom finishes

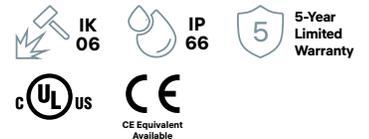
OPTIC OPTIONS



Wall Grazer
Wide Flood

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: LM47LS-05-BO-827-SP-M1-UNV-01-D10-NA

MODEL	LENGTH ¹	OUTPUT	LED	OPTIC	MOUNTING
ILM47LS Linealuce 47 Surface with side box		HO High Output 399 to 629lm/ft 16.5W/ft	RGBW830 RGB White 3000K, 80 CRI	WALL GRAZER WGWF Wall Grazer Wide Flood 16°x64°	S² Surface Flat installation no arm
			RGBW840 RGB White 4000K,80 CRI		
					M Arm installation for height below 9.5' (3m)
					U Arm installation for height greater than 9.5' (3m)

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 ⁴
1² No arm	UNV 120-277V	01 White	DMX (down to 1%)	A3 Internal Transversal Louver
2 Short Adjustment Stainless steel Arms L: 3/4" (82mm)		02 Black		A6 Internal Microlover
4 Adjustment Stainless steel Arms L: 1 1/4" (43mm)		15 Gray		NA No Internal Accessories
3 Adjustment Stainless steel Arms L: 7/8" (182mm)		F5 Rust Brown		A5 Internal Honeycomb Louver

¹ Length 06 and more are module composition in continuous row. The composition length includes the standard 6mm between the module. 01 module are not used and recommended for continuous row application. See [page 6](#) for details
² For Surface flat without arm mounting only (S1)

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

EXTERNAL ACCESSORY CODE EXAMPLE: IX990-02

EXTERNAL ACCESSORIES

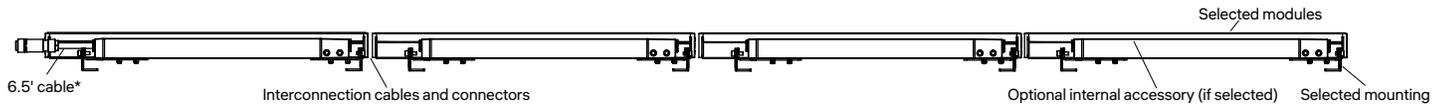
Detail on external optic accessories are available on [page 2](#).

LINEALUCE 47

Surface Integral Side Box - RGBW

Project: _____
 Type: _____

INCLUDED IN PRODUCT CODE



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

OPTIONAL EXTERNAL ACCESSORIES

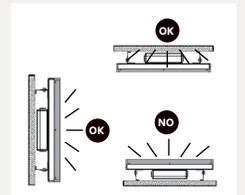
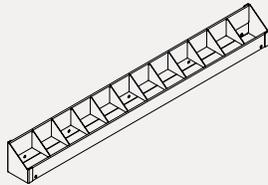
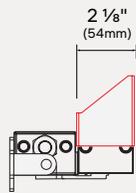
To be ordered separately.

EXTERNAL ACCESSORY CODE

EXAMPLE: IX998-02

A2 EXTERNAL VISOR (See Page 3)*

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



IX999-02

01 Length 1.1' (340mm)
Color Black

IX887-02

02 Length 2' (614mm)
Color Black

IX888-02

03 Length 2.9' (911mm)
Color Black

IX889-02

04 Length 3.9' (1208mm)
Color Black

IX890-02

05 Length 4.9' (1505mm)
Color Black

ILM47LS-RGBW-A2-XX

Length selected
 in the ordering info
Color Black

*Not available with M4 and U4 mounting

LINEALUCE 47

Surface Integral Side Box - RGBW

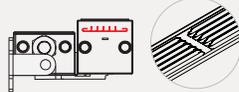
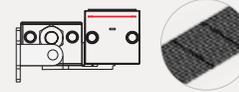
Project: _____
 Type: _____

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 microlouer Color Black

OPTIC / OPTIONAL OPTIC ACCESSORY COMPATIBILITY

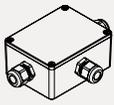
1 accessory maximum

OPTICS \ OPTIONAL OPTIC ACCESSORY	A2 VISOR	A3 TRANSVERSAL LOUVER	A4 LONGITUDINAL LOUVER	A5 HONEYCOMB LOUVER	A6 MICROLOUVER
WGWF	✓	✓	✓	✓	✓

CONNECTION ACCESSORIES

To be ordered separately.

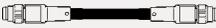
JUNCTION BOX



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 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

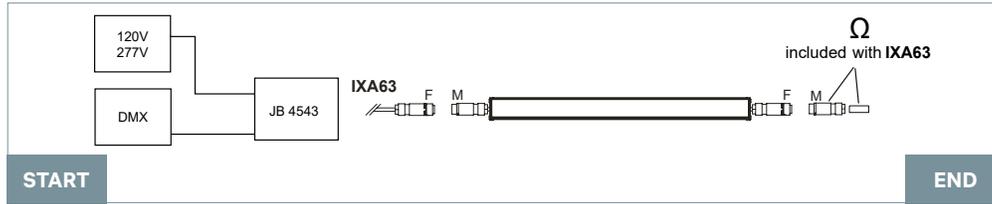
LINEALUCE 47

Surface Integral Side Box - RGBW

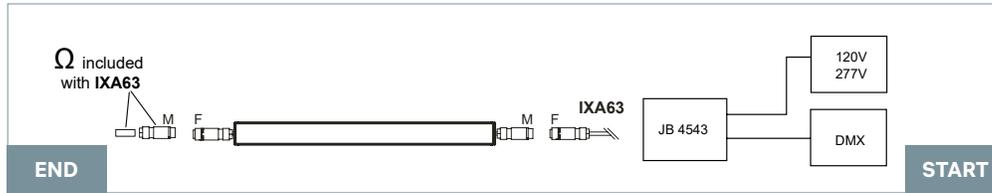
Project: _____
 Type: _____

WIRING INFORMATION - DMX

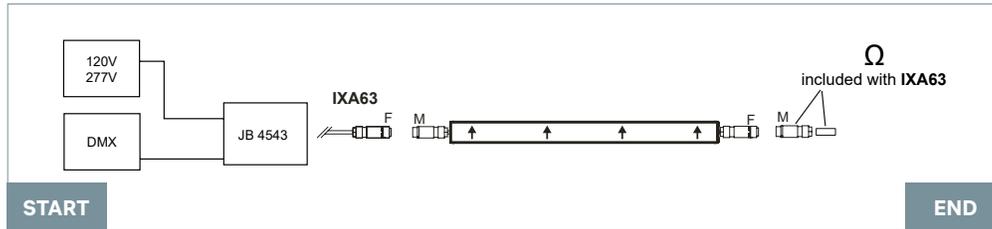
TYPICAL INSTALLATION DIAGRAM LEFT SIDE FEED



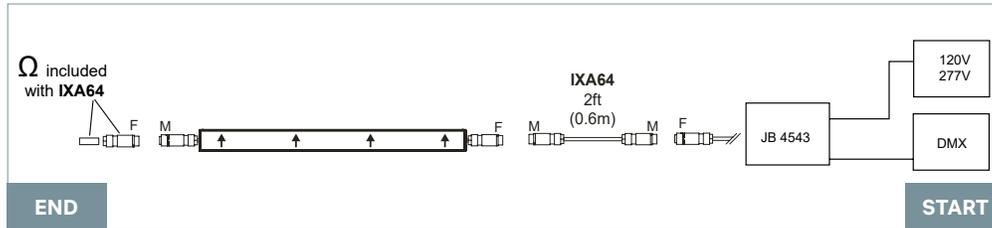
TYPICAL INSTALLATION DIAGRAM RIGHT SIDE FEED



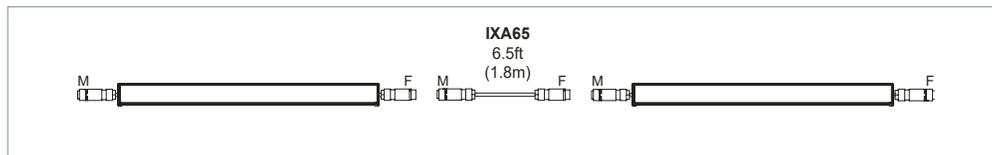
TYPICAL INSTALLATION DIAGRAM WITH OPTIC ORIENTATION ONLY (WGM OPTIC) LEFT SIDE FEED



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 - 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) T77°F (25°C)
 80% of initial lumens at 74 000 hours (L80 B10) T104°F (40°C)

OPTICS

Wall Grazer Optics: Wide Flood.

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 06' 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

4.34lb/ft (1.97kg/ft)

WARRANTY

5 year limited warranty.

RATINGS

IP66, IK06

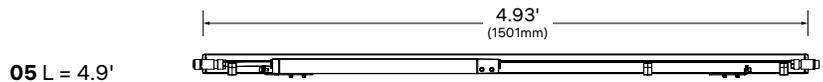
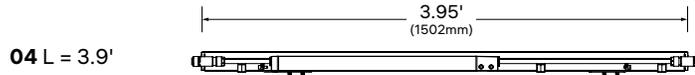
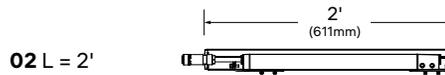
CERTIFICATION

cULus listed for wet location



LENGTHS

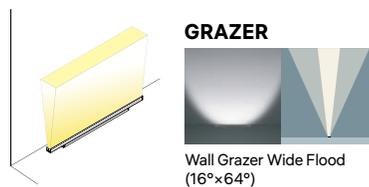
All units are equipped with 2 connectors (male / female) for through wiring.



SIDE VIEW

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

OPTICS OVERVIEW



LINEALUCE 47

Surface Integral Side Box - RGBW

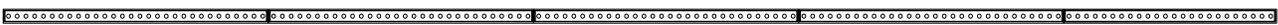
Project: _____
 Type: _____

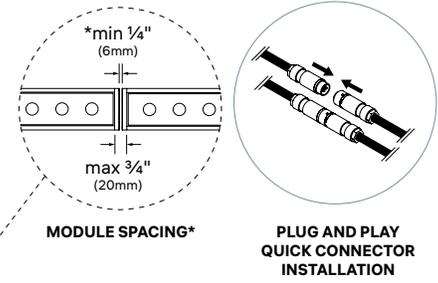
CONTINUOUS ROWS EXAMPLES

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)

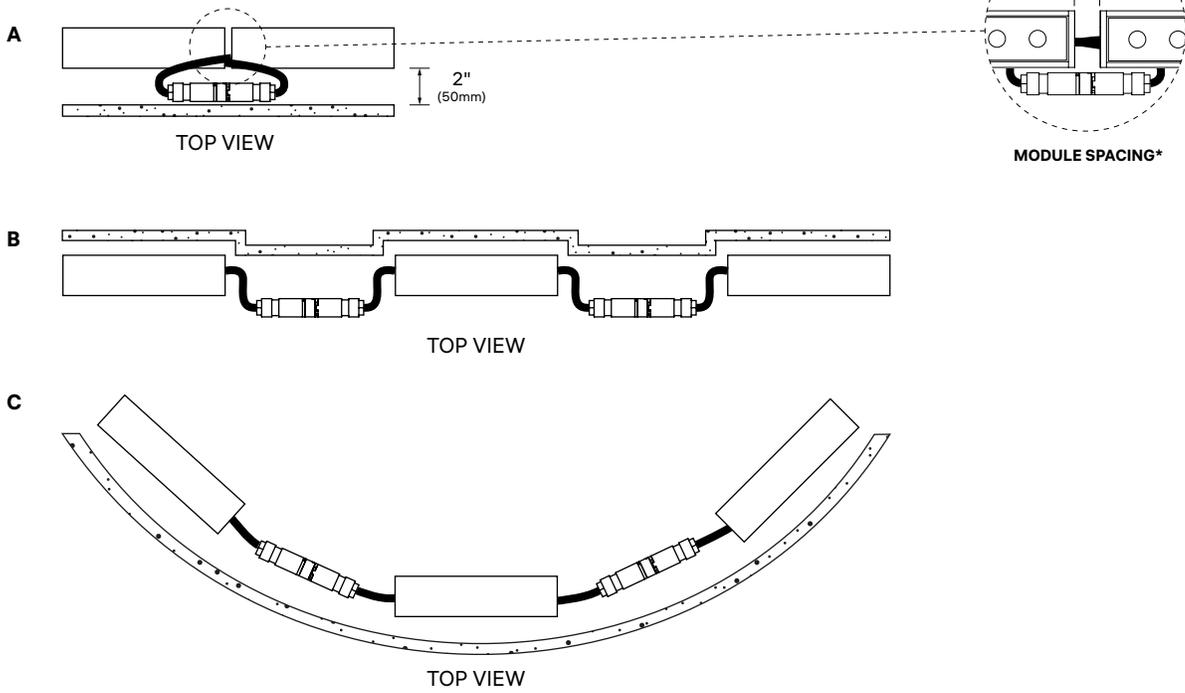
24 L = 23.74' 
 Module combination: 4x1502mm + 1x1205mm
 Total length: 23.74' (6346mm)



* For 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 Side Box - RGBW

Project: _____
 Type: _____

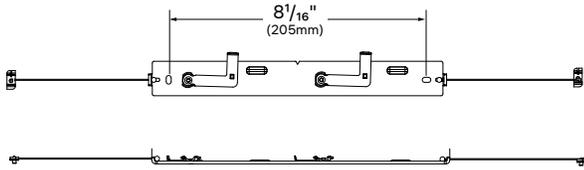
MOUNTING AND DIMENSIONS

Consult instruction sheet for limitations and detail on installation.

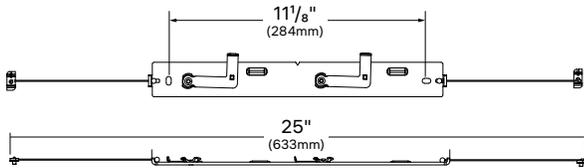
SURFACE FLAT-FIX INSTALLATION FOR HEIGHTS LESS THAN 9.5FT (3M)*

S1 - Plate for flat surface mounting

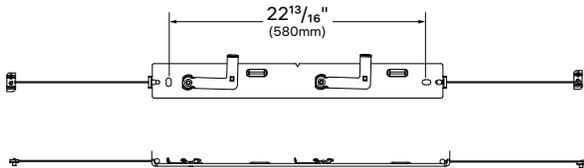
For Linealuce 47 with side box 1ft and 2ft module (L=340 and 610mm) (XA69)
 Need a width clearance of 7" (177mm) to install.*



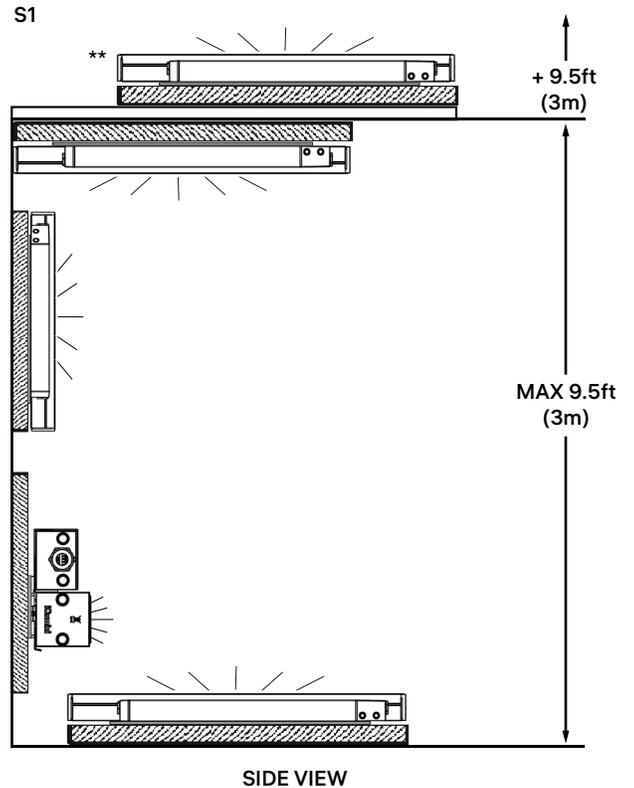
For Linealuce 47 with side box 3ft module (L=907mm) (X797).
 Need a width clearance of 7" (177mm) to install.*



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



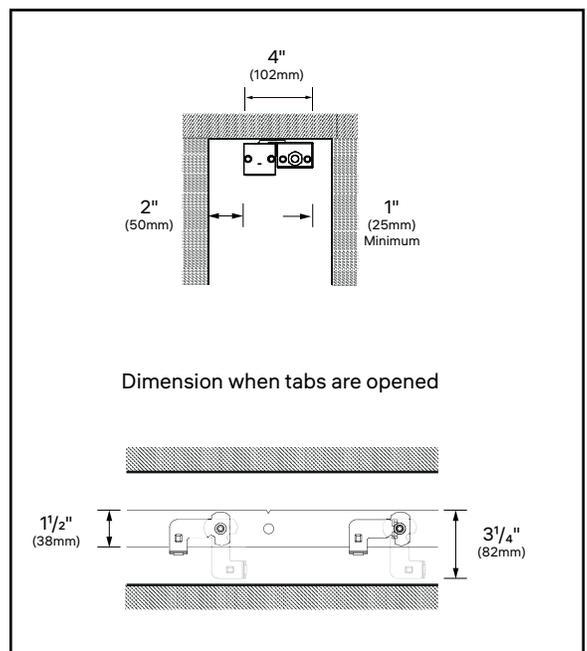
PERMITTED INSTALLATION POSITION



**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.



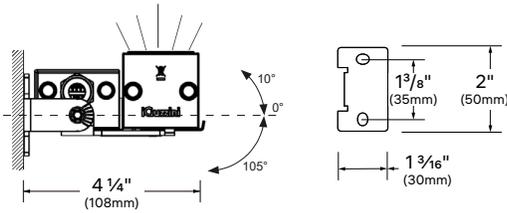
LINEALUCE 47

Surface Integral Side Box - RGBW

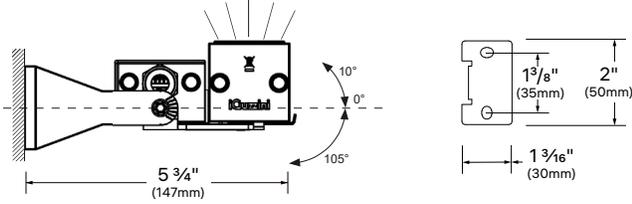
Project: _____
 Type: _____

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

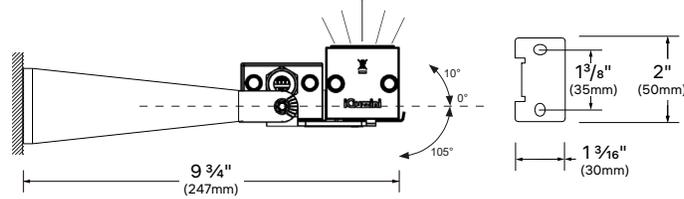
M2 - Short Adjustment Stainless steel Arms L: 1 11/16" (43mm) (X791)



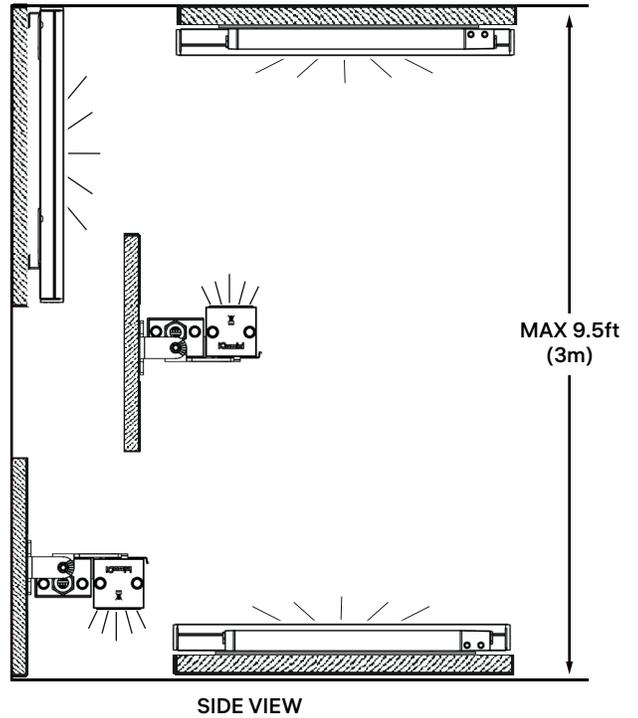
M3 - Adjustment Stainless steel Arms L: 3 1/4" (82mm) (X792)



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



M2-M3-M4



LINEALUCE 47

Surface Integral Side Box - RGBW

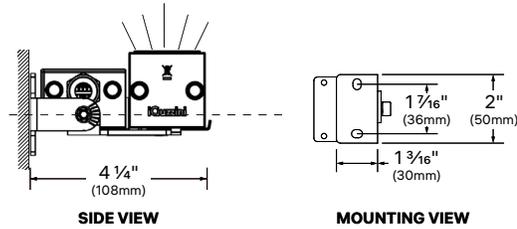
Project: _____
 Type: _____

MOUNTING AND DIMENSIONS

Consult instruction sheet for limitations and detail on installation.

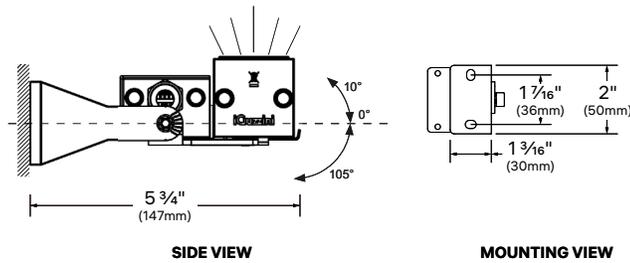
ARM INSTALLATION FOR HEIGHTS MORE THAN 9.5FT (3M)

U2 - Short Adjustment Stainless steel Arms L: 1¹¹/₁₆" (43mm) (X794)



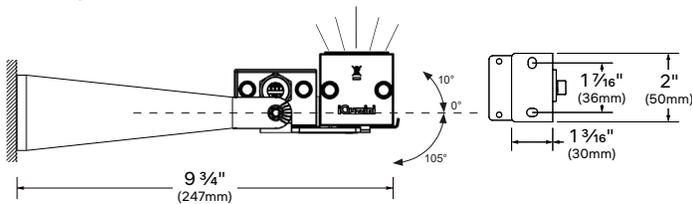
WEIGHT	EPA
1.08lb (0.49kg)	0.08ft ² (0.007m ²)

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



WEIGHT	EPA
1.23lb (0.56kg)	0.08ft ² (0.007m ²)

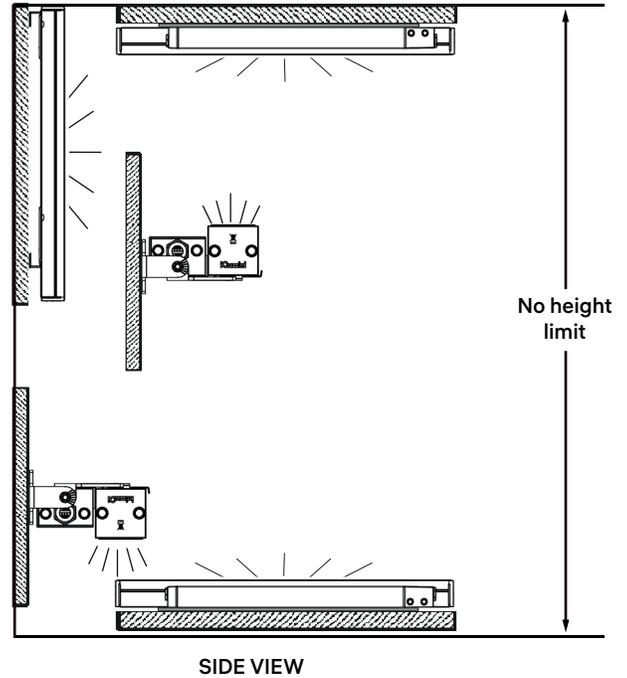
U4 - Adjustment Stainless steel Arms L: 7/8" (182mm) (X796)



WEIGHT	EPA
1.54lb (0.7kg)	0.08ft ² (0.007m ²)

PERMITTED INSTALLATION POSITION

U2-U3-U4



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

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

LINEALUCE 47

Surface Integral Side Box - RGBW

Project: _____
 Type: _____

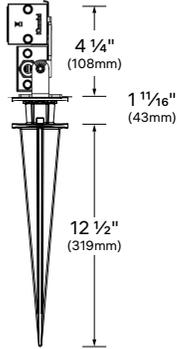
MOUNTING AND DIMENSIONS

Consult instruction sheet for limitations and detail on installation.

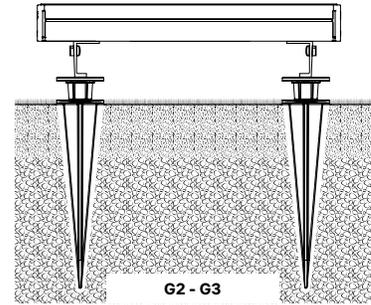
SPIKE IN SOIL WITH PIVOT ARM

(To be used together with arms)

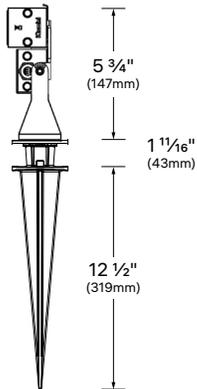
G2 - Pair of spikes and pair of short stainless steel adjustable arms.
 (X476 + X791)



PERMITTED INSTALLATION POSITION



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

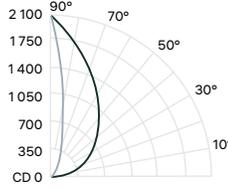
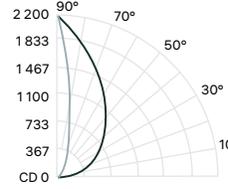


LINEALUCE 47

Surface Integral Side Box - RGBW

Project: _____
 Type: _____

PHOTOMETRIC DATA

WALL GRAZER OPTICS	MODEL	CCT	CRI	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd)
Wall Grazer Wide Flood - 16°x64° 	RGBW830	3000K	80	16.5	629	38	2 080
	RGBW840	4000K			651	39	2 153
			RGBW830 - 16°x64° (3000K, 80CRI)		RGBW840 - 16°x64° (3000K, 80CRI)		
							
			□ -0° H □ -90° H		□ -0° H □ -90° H		