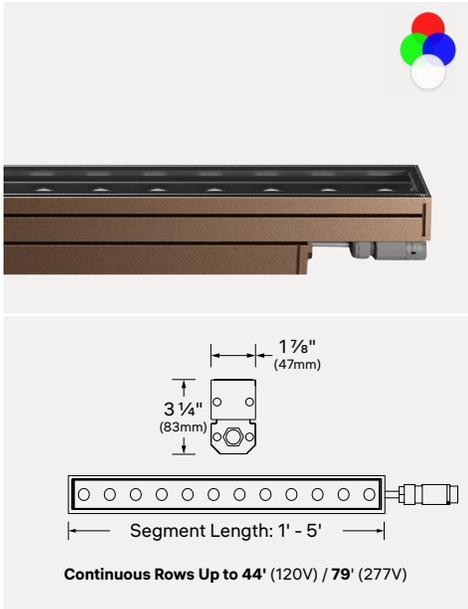


LINEALUCE 47

Surface Integral - RGBW

Project: _____
 Type: _____



PHOTOMETRIC SUMMARY

Output	Optic	Lumens (lm/ft)	Efficacy (lm/W)	Max Candela (cd)
HO	FL - 38°×38°	467	28	761
HO	WGWFF - 16°×64°	629	38	2 080
HO	ELLF - 38°×84°	383	23	361

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

FEATURES

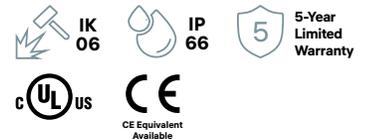
- DMX down to 1%
- Additional sizing available with remote driver: [27 \(1.06"\)](#), [37 \(1.50"\)](#), & [47 \(1.85"\)](#)
- Plug and play quick connectors for continuous rows
- Consult factory for further customization
- Full specification available [page 5](#)

FINISH OPTIONS



Consult factory for custom finishes

OPTIC OPTIONS



ORDERING INFO

PRODUCT CODE

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

MODEL	LENGTH'	OUTPUT	LED	OPTIC	MOUNTING	
ILM47 Linealuce 47 Surface		HO High Output 399 to 629lm/ft 16.5W/ft	RGBW830 RGB White 3000K, 80 CRI	FL Flood 38°×38°	WGWFF Wall Grazer Wide Flood 16°×64°	ELLF Elliptical 38°×84°
			RGBW840 RGB White 4000K, 80 CRI			
					G² Ground Spike	

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

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

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

EXTERNAL ACCESSORY CODE EXAMPLE: IX990-02

EXTERNAL ACCESSORIES

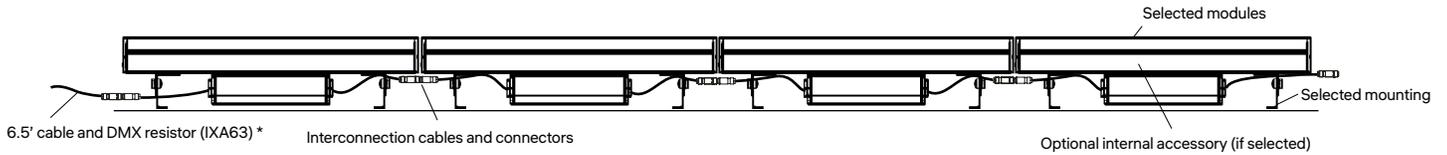
Detail on external optic accessories are available on [page 2](#).

LINEALUCE 47

Surface Integral - RGBW

Project: _____
 Type: _____

INCLUDED IN PRODUCT CODE



* Cable is included for 06 module and more.
 For single module, the cable is to be ordered separately.

ACCESSORIES

External accessories are not compatible with internal accessories. Code in ordering info on page 1 must finish by NA. Consult page 3 for compatibility and instruction sheet for details on installation. All optical accessories must be assemble to the product before installation.

OPTIONAL EXTERNAL ACCESSORIES

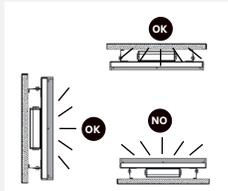
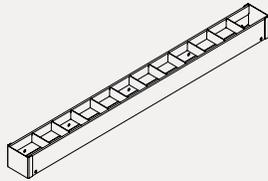
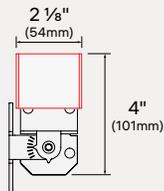
To be ordered separately.

EXTERNAL ACCESSORY CODE

EXAMPLE: IX990-02

A1 EXTERNAL SNOOT (See Page 3)

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



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

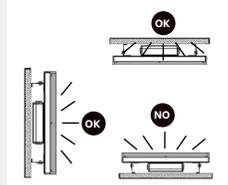
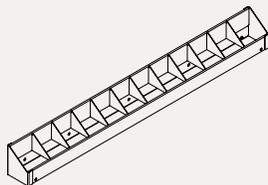
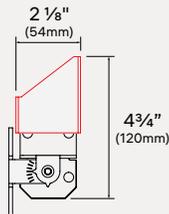
05 Length 4.9' (1505mm)
Color Black

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 Integral - RGBW

Project: _____
 Type: _____

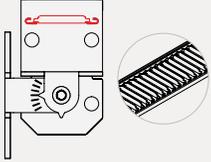
ACCESSORIES

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

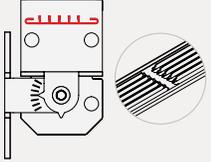
OPTIONAL OPTICAL ACCESSORIES

(Installed in factory as selected in ordering info)

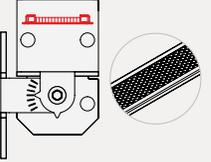
INTERNAL ACCESSORIES



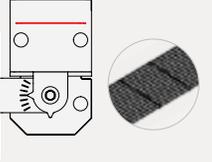
A3
Internal transversal louver
Color Black



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

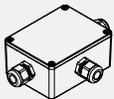
OPTICS \ OPTIONAL OPTIC ACCESSORY	A1 SNOOT	A2 VISOR	A3 TRANSVERSAL LOUVER	A4 LONGITUDINAL LOUVER	A5 HONEYCOMB LOUVER	A6 MICROLOUVER
FL	✓	X	✓	✓	✓	✓
WGWF	X	✓	✓	✓	✓	✓
ELLF	X	X	X	✓	X	✓

CONNECTION ACCESSORIES

To be ordered separately.

JUNCTION BOX

DMX CABLE



4543-00
Wet location junction box.

Color Aluminum unfinished
Includes 3 cable clamp for ø3/16 to 7/16in cable and 1 plug.



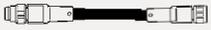
IX964
Female/Male connector IP68
6 poles, use with 6/18AWG SJOOW wire type



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



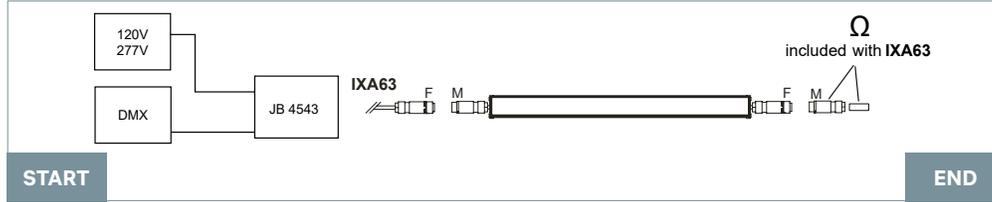
IXA65
2' (686mm) cable with male/female connector

LINEALUCE 47
Surface Integral - RGBW

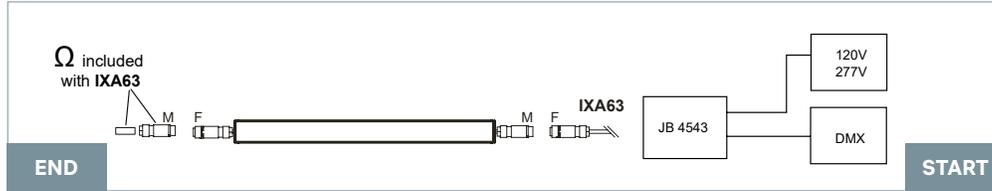
Project: _____
 Type: _____

WIRING INFORMATION - DMX

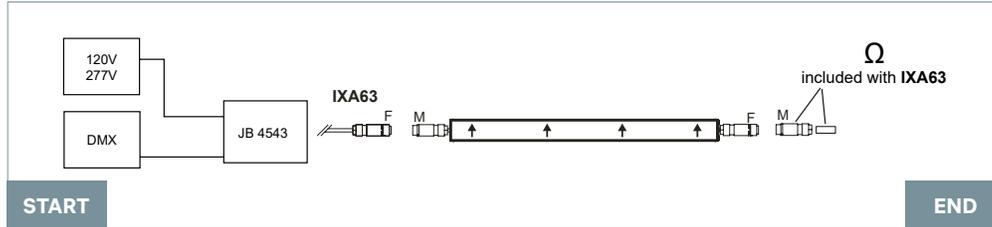
TYPICAL INSTALLATION DIAGRAM LEFT SIDE FEED



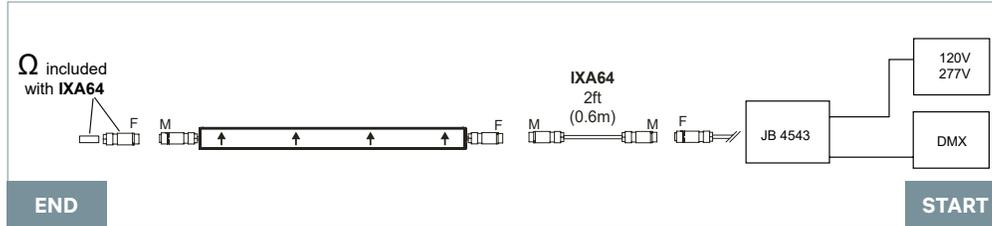
TYPICAL INSTALLATION DIAGRAM RIGHT SIDE FEED



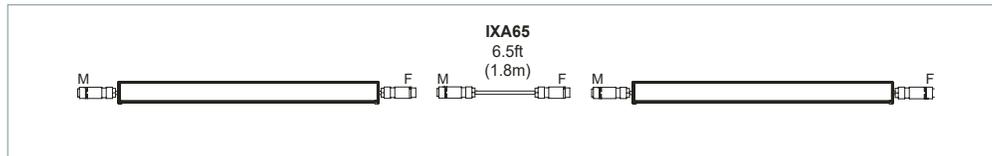
TYPICAL INSTALLATION DIAGRAM WITH OPTIC ORIENTATION ONLY (WGM OPTIC) LEFT SIDE FEED



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 - 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

Symmetrical Optics: Flood.
Wall Grazer Optics: Wide Flood.
Elliptical Optic: Flood 38°x84°.

MATERIAL

Body: Extruded aluminum
 End Caps: Die-cast aluminum alloy
 Protective Screen: 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 5.9' and more continuous row compositions.

INRUSH CURRENT PEAK

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

DIMMING

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

OPERATING TEMPERATURE

-22°F to 122°F (-30°C to 50°C)

FINISH

Black (RAL9005), Gray (RAL9007), Rust Brown (RAL8017) and White (RAL9016) painted with a high level of weather and UV resistance. The semi-gloss finish coating is electrostatically applied durable acrylic enamel baked at high temperatures for superior color retentive finish. We provide RAL numbers that are similar, but we cannot guarantee an exact color match. For a more accurate color and gloss match, please contact customer service for a sample chip.

WEIGHT

2.5lb/ft (1.13kg/ft)

WARRANTY

5 year limited warranty.

RATINGS

IP66, IK06

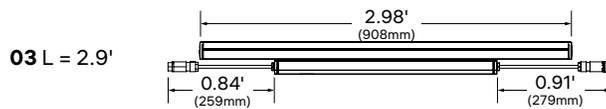
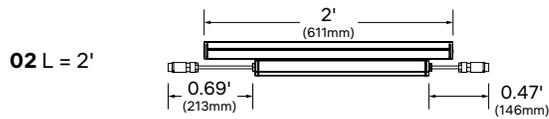
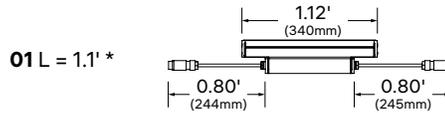
CERTIFICATION

cULus listed for wet location



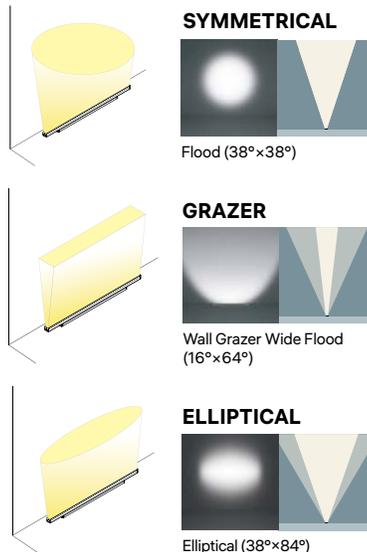
LENGTHS

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



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

OPTICS OVERVIEW



LINEALUCE 47

Surface Integral - RGBW

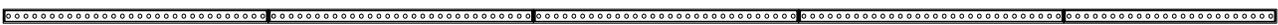
Project: _____
 Type: _____

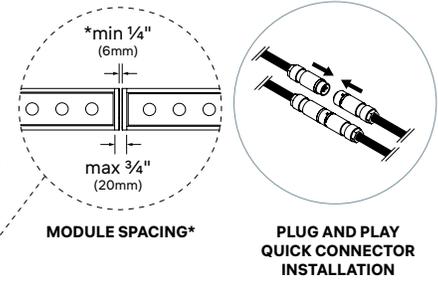
CONTINUOUS ROWS EXAMPLES

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)

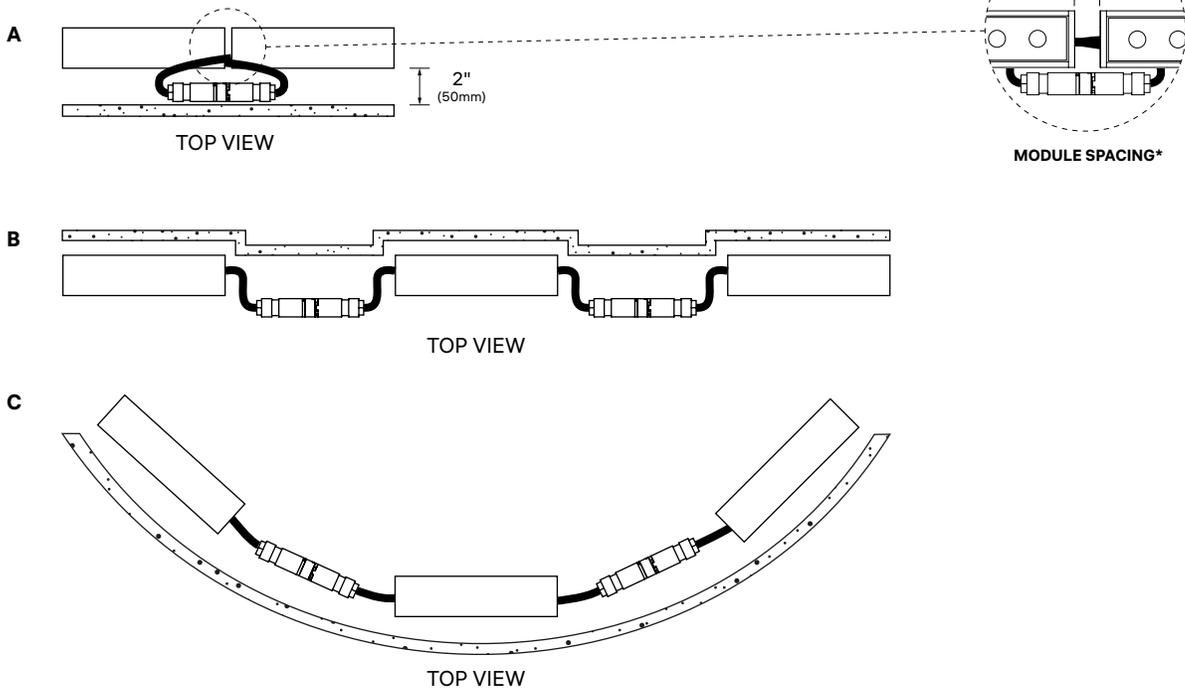
24 L = 23.74' 
 Module combination: 4x1502mm + 1x1205mm
 Total length: 23.74' (6346mm)



* 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 - RGBW

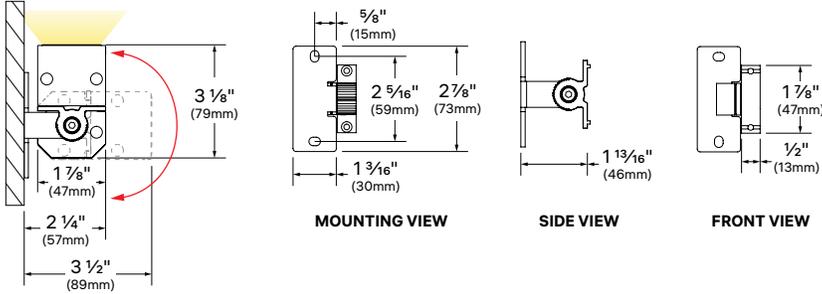
Project: _____
 Type: _____

MOUNTING AND DIMENSIONS

Consult instruction sheet for limitations and detail on installation.

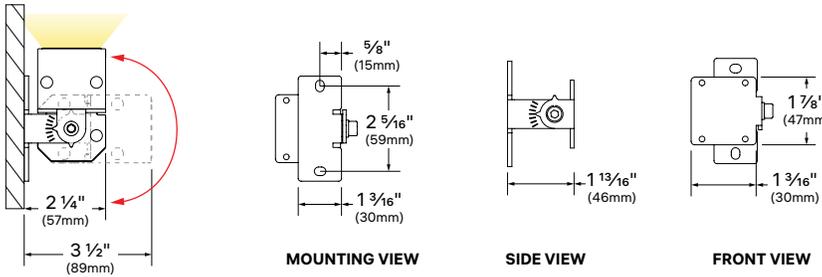
ARM INSTALLATION ON SURFACE

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



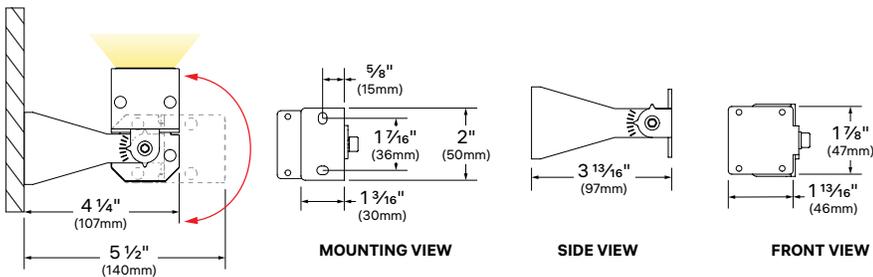
WEIGHT	EPA
0.52lb (0.24kg)	0.012ft ² (0.001m ²)

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



WEIGHT	EPA
1.98lb (0.90kg)	0.044ft ² (0.004m ²)

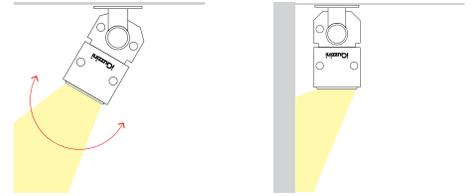
M3 - Pair of stainless steel adjustable arms, L: 2 3/8" (60mm).
(X393)



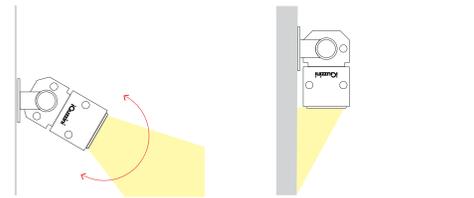
WEIGHT	EPA
7.93lb (3.6kg)	0.044ft ² (0.004m ²)

PERMITTED INSTALLATION POSITION

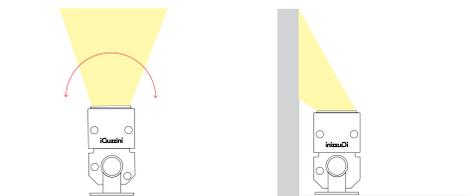
CEILING



WALL



GROUND



MODULE LENGTH	EPA*
O1 L = 1.1' (340mm)	0.57ft ² (0.053m ²)
O2 L = 2' (611mm)	0.94ft ² (0.087m ²)
O3 L = 2.98' (908mm)	1.496ft ² (0.139m ²)
O4 L = 3.95' (1205mm)	2.045ft ² (0.190m ²)
O5 L = 4.93' (1502mm)	2.616ft ² (0.243m ²)

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

LINEALUCE 47

Surface Integral - RGBW

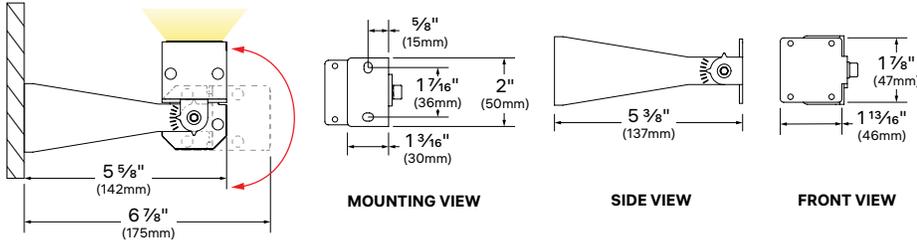
Project: _____
 Type: _____

MOUNTING AND DIMENSIONS

Consult instruction sheet for limitations and detail on installation.

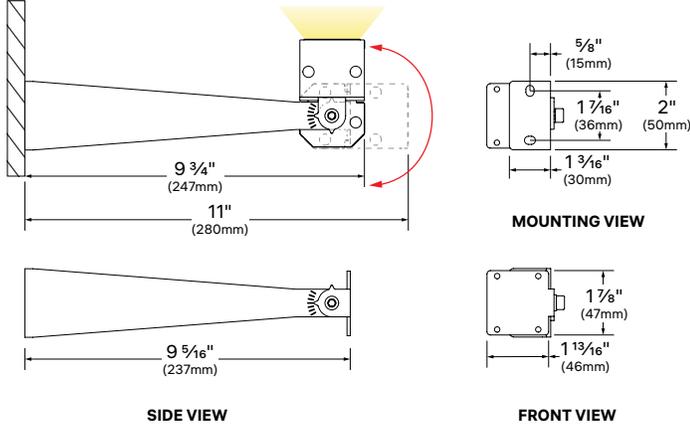
ARM INSTALLATION ON SURFACE

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



WEIGHT	EPA
10.14lb (4.6kg)	0.044ft ² (0.004m ²)

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

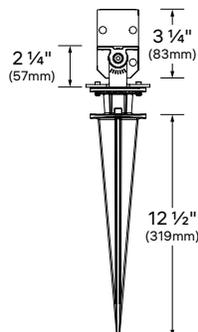


WEIGHT	EPA
11.37lb (5.16)	0.09ft ² (0.008m ²)

SPIKE IN SOIL WITH PIVOT ARM

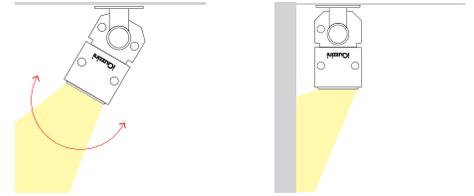
(To be used together with arms)

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

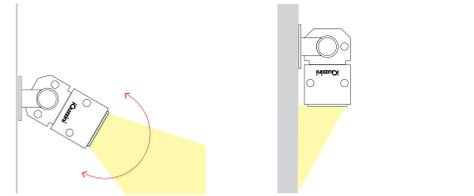


PERMITTED INSTALLATION POSITION

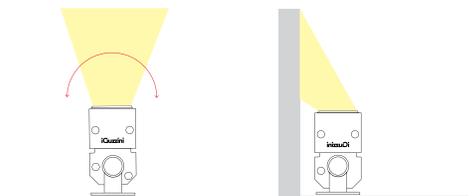
CEILING



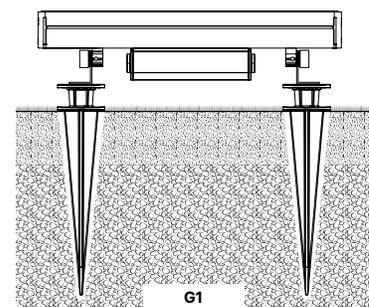
WALL



GROUND



PERMITTED INSTALLATION POSITION



LINEALUCE 47
Surface Integral - RGBW

Project: _____
 Type: _____

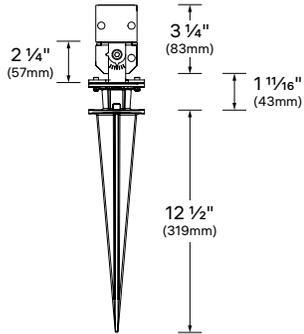
MOUNTING AND DIMENSIONS

Consult instruction sheet for limitations and detail on installation.

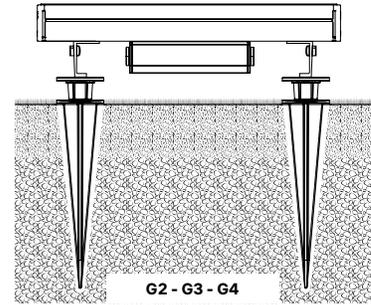
SPIKE IN SOIL WITH PIVOT ARM

(To be used together with arms)

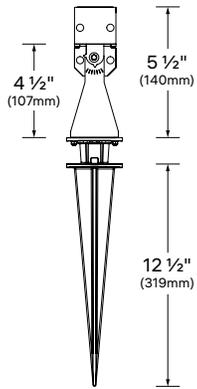
G2 - Pair of spikes and pair of short stainless steel adjustable arms.
(X476 + X392)



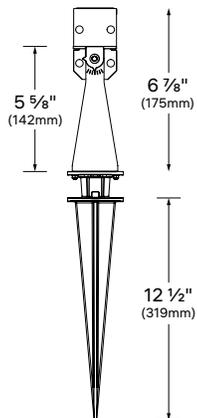
PERMITTED INSTALLATION POSITION



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



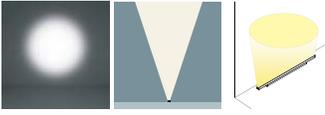
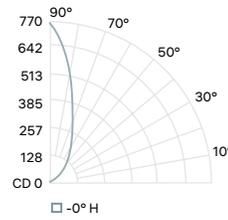
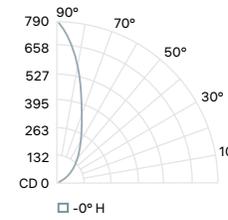
G4 - Pair of spikes and pair of stainless steel adjustable arms, L: 3 7/8" (100mm).
(X476 + X394)

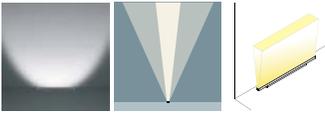
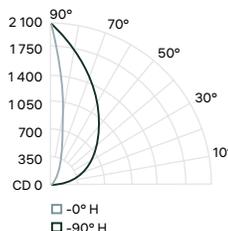
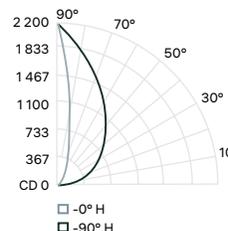


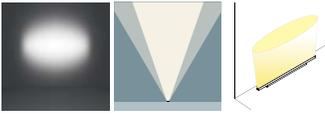
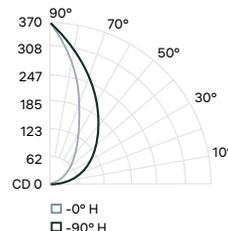
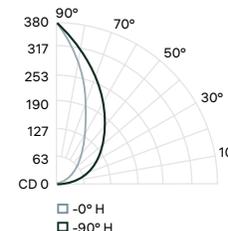
LINEALUCE 47
Surface Integral - RGBW

Project: _____
Type: _____

PHOTOMETRIC DATA

SYMMETRICAL OPTICS	MODEL	CCT	CRI	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd)
Flood - 38°x38° 	RGBW830	3000K	80	16.5	467	28	761
	RGBW840	4000K			484	29	788
				RGBW830 - 38°x38° (3000K, 80CRI)		RGBW840 - 38°x38° (4000K, 80CRI)	
							

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)	
							

ELLIPTICAL OPTICS	MODEL	CCT	CRI	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd)
Elliptical - 38°x84° 	RGBW830	3000K	80	16.5	383	23	361
	RGBW840	4000K			399	24	376
				RGBW830 - 38°x84° (3000K, 80CRI)		RGBW840 - 38°x84° (3000K, 80CRI)	
							

Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us/ for complete photometric data.