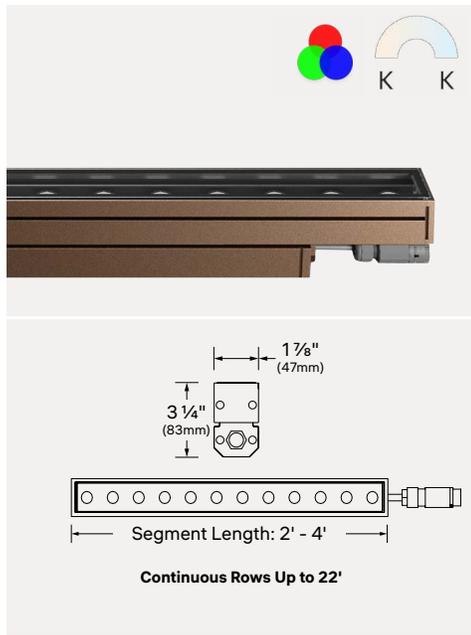


LINEALUCE 47

Surface Remote - RGB & Tunable White

Project: _____
Type: _____



PHOTOMETRIC SUMMARY

LED	Optic	Lumens (lm/ft)	Efficacy (lm/W)	Max Candela (cd/ft)
RGB	FL - 38°x38°	440	33	4 445
RGB	WGWF - 16°x64°	470	36	6 295
RGB	ELLF - 41°x87°	375	28	1 455
TW	FL - 38°x38°	1 036	76	8 340
TW	WGWF - 16°x64°	1 265	93	11 700
TW	ELLF - 41°x87°	875	64	3 165

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

FINISH OPTIONS



Consult factory for custom finishes

OPTIC OPTIONS



FEATURES

- DMX-RDM control (120-277V), down to 1%.
- Additional sizing available with remote driver: [27 \(1.06"\)](#), [37 \(1.50"\)](#), & [47 \(1.85"\)](#)
- Plug and play quick connectors for continuous rows
- Consult factory for further customization
- Full specification available [page 5](#)



ORDERING INFO

PRODUCT CODE

EXAMPLE: LM47-05-HO-RGB-FL-M1-REM-01-DMX-NA

MODEL	LENGTH ¹	OUTPUT	LED	OPTIC	MOUNTING
ILM47 Linealuce 47 Surface		HO High Output	RGB RGB	SYMMETRICAL	M Arm Installation on Surface G² Ground Spike
		RGB 375 to 470 lm/ft, 14W/ft TW 875 to 1 265 lm/ft, 14W/ft	TW82750 Tunable White (2700K to 5000K, 80CRI)	FL Flood 38°x38°	

CONNECTION ACCESSORY CODE EXAMPLE: IX556

CONNECTION ACCESSORIES
More information available on page 3 .
IX556 Female/Male connector IP68 (DMX)
IX481 6.5' (2000mm) with female connector (DMX)
4543-00 Wet location junction box

ARM	VOLTAGE	FINISH	DIMMING	INTERNAL ACCESSORIES ⁵
1⁴ Short Arm with Granular Adjustment	REM Remote	01 White	DMX RDM (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 Microlouver NA No Internal Accessories

EXTERNAL ACCESSORY CODE EXAMPLE: IX990-02

EXTERNAL ACCESSORIES
Available optic accessories are available on page 2 .
DRIVER CODE EXAMPLE: 4554-0048-120-UNV-ND
DRIVER
Driver options are available on page 4 .

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](#).

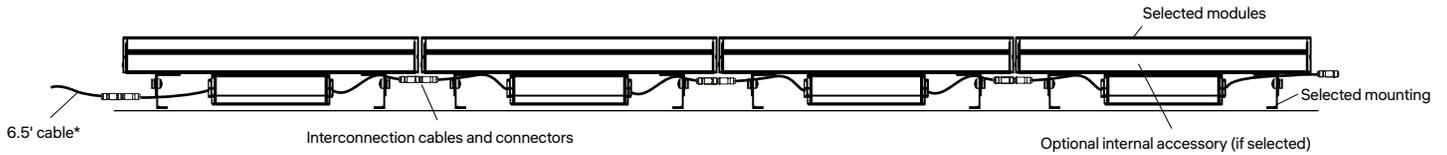
DM-R5 | Last Update : January 05, 2025

LINEALUCE 47

Surface Remote - RGB & Tunable White

Project: _____
 Type: _____

INCLUDED IN PRODUCT CODE



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

ACCESSORIES

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

OPTIONAL EXTERNAL ACCESSORIES

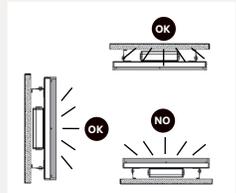
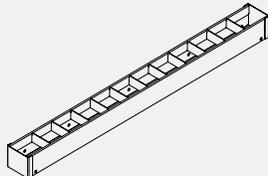
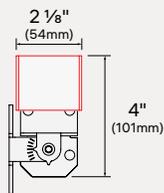
To be ordered separately.

EXTERNAL ACCESSORY CODE

EXAMPLE: IX990-02

A1 EXTERNAL SNOOT (See Page 3)

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



IXA09-02

01 Length 1.1' (340mm)
Color Black

IX380-02

02 Length 2' (614mm)
Color Black

IX381-02

03 Length 2.9' (911mm)
Color Black

IX382-02

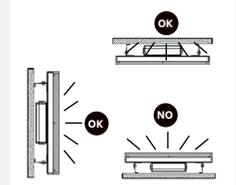
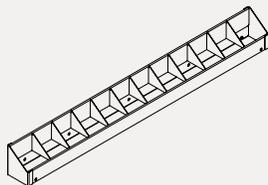
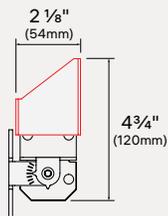
04 Length 3.9' (1208mm)
Color Black

ILM47-RGB-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



IXA08-02

01 Length 1.1' (340mm)
Color Black

IX377-02

02 Length 2' (614mm)
Color Black

IX378-02

03 Length 2.9' (911mm)
Color Black

IX379-02

04 Length 3.9' (1208mm)
Color Black

ILM47-RGB-A2-XX

Length selected
 in the ordering info
Color Black

LINEALUCE 47

Surface Remote - RGB & Tunable White

Project: _____
 Type: _____

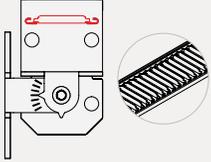
ACCESSORIES

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

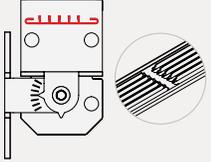
OPTIONAL OPTICAL ACCESSORIES

(Installed in factory as selected in ordering info)

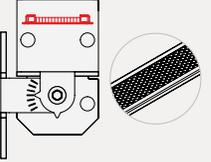
INTERNAL ACCESSORIES



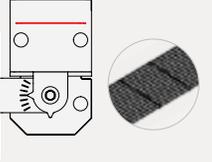
A3
Internal transversal louver
Color Black



A4
Internal longitudinal louver
Color Black



A5
Internal honeycomb louver
Color Black



A6
Internal microlouver
Color Black

OPTIC / OPTIONAL OPTIC ACCESSORY COMPATIBILITY

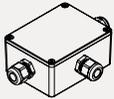
1 accessory maximum

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

CONNECTION ACCESSORIES

To be ordered separately.

JUNCTION BOX



4543-00
Wet location junction box.

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

DMX CABLE





IX556
Female/Male connector IP68

5 poles, use with 5/18AWG SJOOW wire type

IX481
6.5' (2000mm) with female connector.

Include DMX resistor and male connector

LINEALUCE 47

Surface Remote - RGB & Tunable White

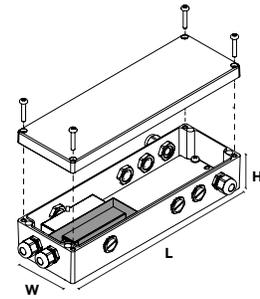
Project: _____
 Type: _____

REMOTE LED DRIVER OPTIONS

DRIVER BOX DIMENSIONS

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

OUTDOOR RATED DRIVER BOX MODELS	PRODUCT MAXIMUM NOMINAL LENGTH	
	RGB (14W/ft)	TW (14W/ft)
4554-0048-120-UNV-ND	8'(2.5m)	8'(2.5m)
4554-0048-240-UNV-ND	18'(5m)	17'(5m)
4554-0048-480-UNV-ND	22'(6.75m)	22'(6.75m)



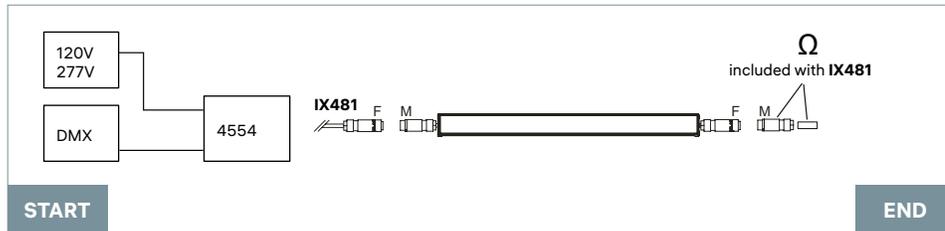
OUTDOOR RATED

DRIVER BOX MODEL DESCRIPTION

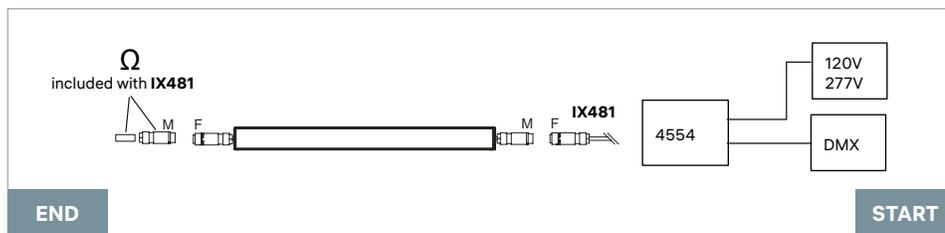
MODEL (L x W x H)	OUTPUT VOLTAGE	WATTAGE	INPUT VOLTAGE
4554 14½" x 6½" x 3½" (362 x 159 x 89mm)	0048 52 Vdc adjustable from 49 to 58Vdc via a built in potentiometer	120 to 480 120W to 480W	UNV 120-277V

WIRING EXAMPLE

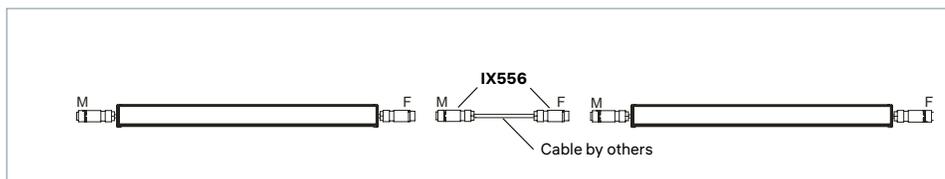
TYPICAL INSTALLATION DIAGRAM LEFT SIDE FEED



TYPICAL INSTALLATION DIAGRAM RIGHT SIDE FEED



JUMPER BETWEEN 2 MODULES




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

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

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

LINEALUCE 47

Surface Remote - RGB & Tunable White

Project: _____
 Type: _____

SPECIFICATIONS

SOURCE

RGB;
 Tunable white (2700K to 5000K, 80CRI).

LUMEN MAINTENANCE

RGB:
 80% of initial lumens at 65 000 hours (L80 B10) T77°F (25°C)
 80% of initial lumens at 56 000 hours (L80 B10) T104°F (40°C)
Tunable White:
 80% of initial lumens at 100 000 hours (L80 B10) T104°F (40°C)

OPTICS

Symmetrical Optics: Flood
Wall Grazer Optics: Wide Flood
Elliptical Optic: Flood 41°X87°

MATERIAL

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

MOUNTING

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

ELECTRICAL

48Vdc RGB (48 to 52Vdc);
 48Vdc Tunable white (48 to 52Vdc).

DIMMING

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

OPERATING TEMPERATURE

-22°F to 113°F (-30°C to 45°C)

FINISH

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

WEIGHT

1.9lb/ft (0.86kg/ft)

WARRANTY

5 year limited warranty.

RATINGS

IP66, IK06

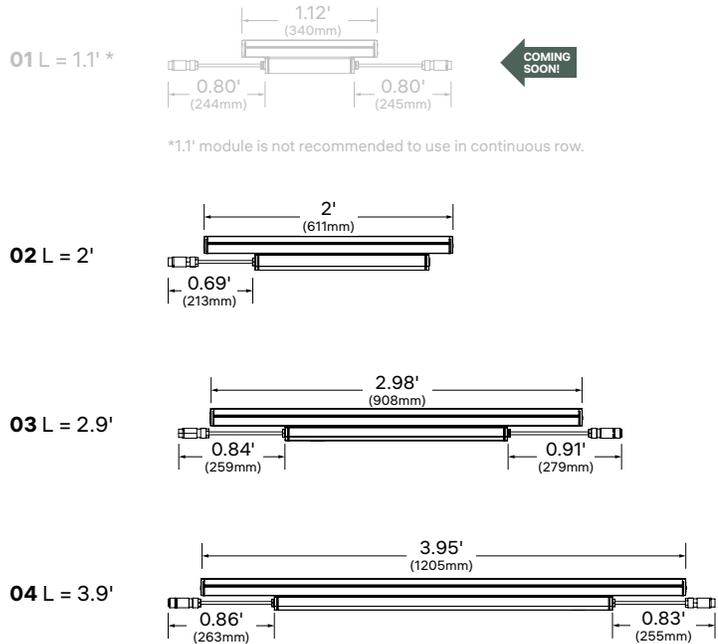
CERTIFICATION

cULus listed for wet location

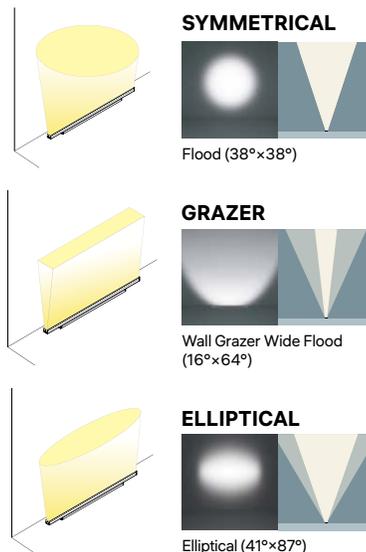


LENGTHS

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



OPTICS OVERVIEW



LINEALUCE 47

Surface Remote - RGB & Tunable 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' 

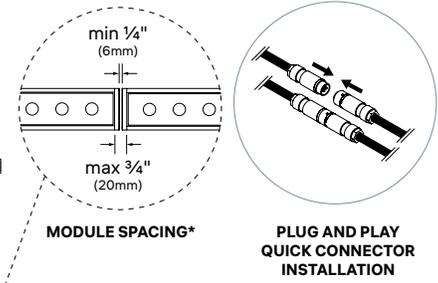
Module combination: 4×1205mm
 Total length: 15.87' (4820mm)

21 L = 20.9' 

Module combination: 4×1205mm + 1×908mm + 1×611mm
 Total length: 20.9' (6339mm)

24 L = 23.82' 

Module combination: 6×1205mm
 Total length: 23.82' (7230mm)

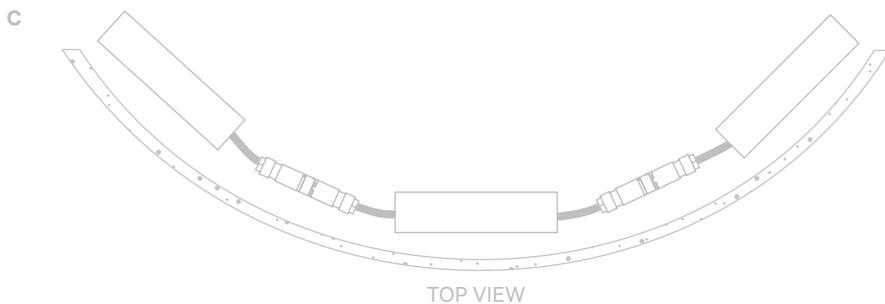
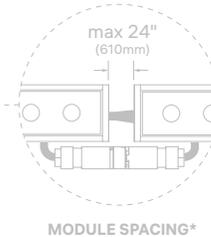
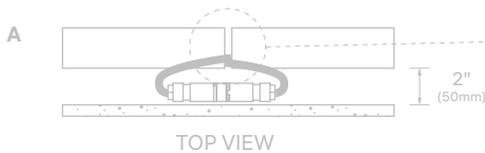


* For 02' to 04' modules, the distance between the module should be minimum 1/4" (6mm) and maximum 3/4" (20mm). For greater distance, use a jumper cable.

1FT MODULE USE EXAMPLE

COMING SOON!

Because of the small dimension, the 1.1' module need a 2" space to allow the cable loop (A). For that reason, we recommend using the 1.1' module for niche (B) or with a distance between module (C).



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

LINEALUCE 47

Surface Remote - RGB & Tunable White

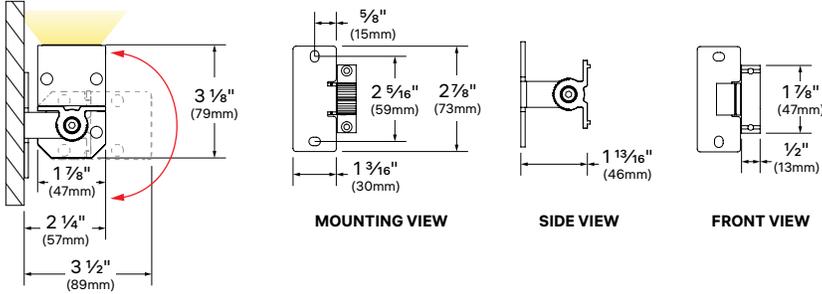
Project: _____
Type: _____

MOUNTING AND DIMENSIONS

Consult instruction sheet for limitations and detail on installation.

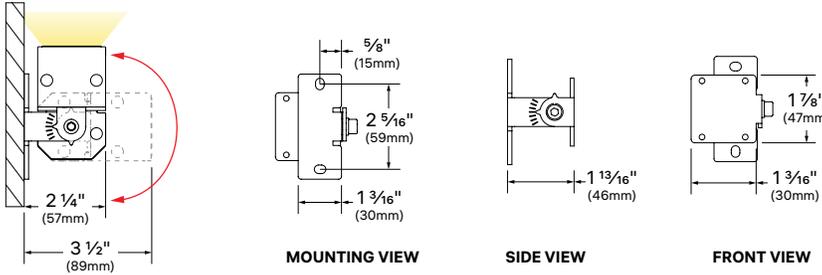
ARM INSTALLATION ON SURFACE

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



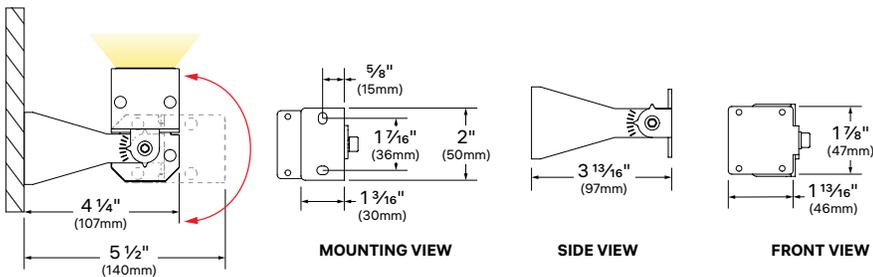
WEIGHT	EPA
0.52lb (0.24kg)	0.012ft ² (0.001m ²)

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



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

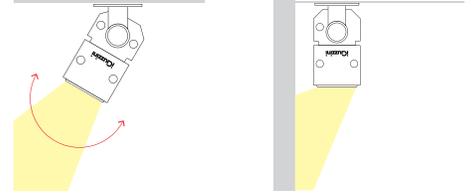
M3 - Pair of stainless steel adjustable arms, L: 2 3/8" (60mm).
(X393)



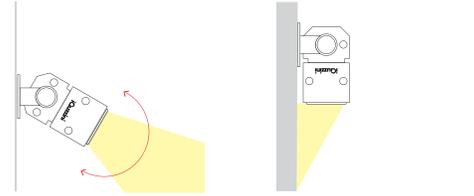
WEIGHT	EPA
7.93lb (3.6kg)	0.044ft ² (0.004m ²)

PERMITTED INSTALLATION POSITION

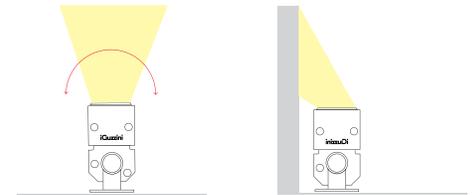
CEILING



WALL



GROUND



MODULE LENGTH	EPA*
01 L = 1.1' (340mm)	0.57ft ² (0.053m ²)
02 L = 2' (611mm)	0.94ft ² (0.087m ²)
03 L = 2.98' (908mm)	1.496ft ² (0.139m ²)
04 L = 3.95' (1205mm)	2.045ft ² (0.190m ²)

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

COMING SOON!

LINEALUCE 47

Surface Remote - RGB & Tunable White

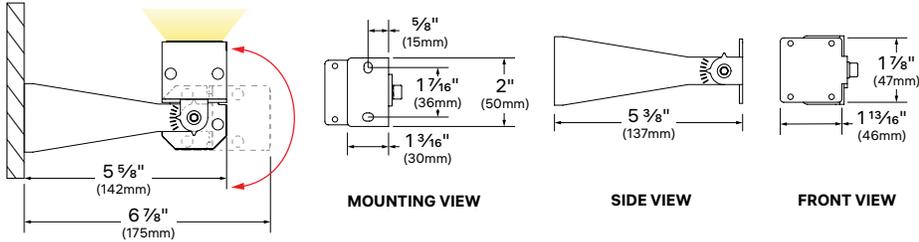
Project: _____
 Type: _____

MOUNTING AND DIMENSIONS

Consult instruction sheet for limitations and detail on installation.

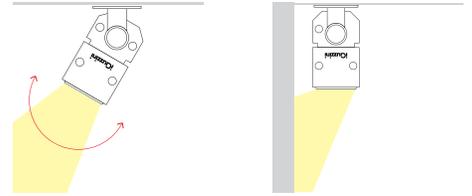
ARM INSTALLATION ON SURFACE

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

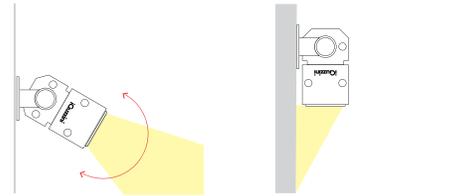


PERMITTED INSTALLATION POSITION

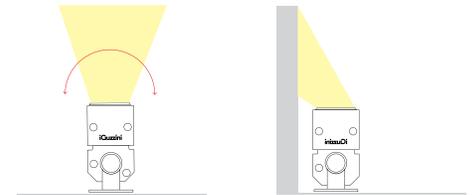
CEILING



WALL

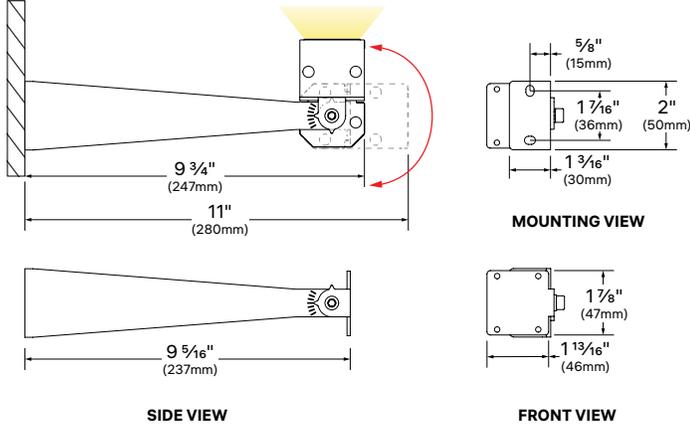


GROUND



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)

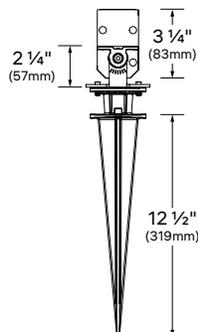


WEIGHT	EPA
11.37lb (5.16)	0.09ft ² (0.008m ²)

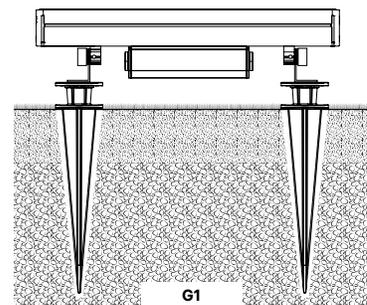
SPIKE IN SOIL WITH PIVOT ARM

(To be used together with arms)

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



PERMITTED INSTALLATION POSITION



LINEALUCE 47
Surface Remote - RGB & Tunable White

Project: _____
 Type: _____

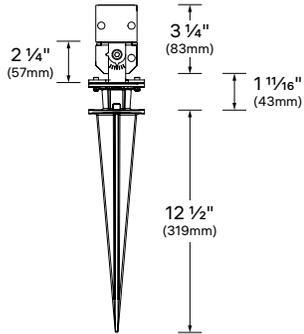
MOUNTING AND DIMENSIONS

Consult instruction sheet for limitations and detail on installation.

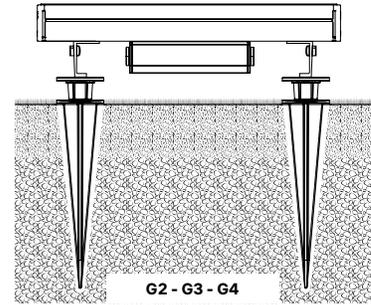
SPIKE IN SOIL WITH PIVOT ARM

(To be used together with arms)

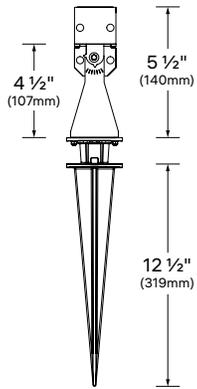
G2 - Pair of spikes and pair of short stainless steel adjustable arms.
(X476 + X392)



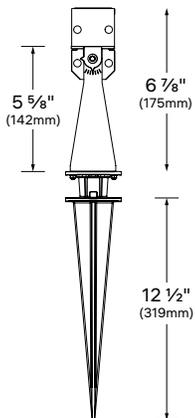
PERMITTED INSTALLATION POSITION



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



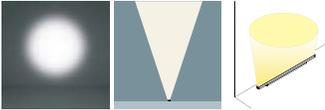
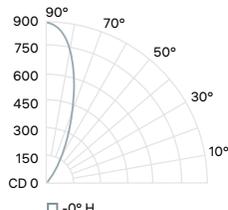
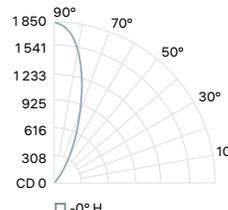
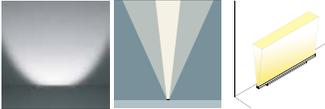
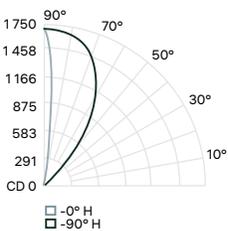
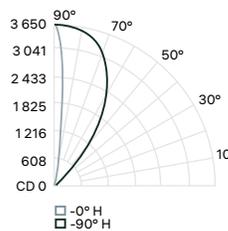
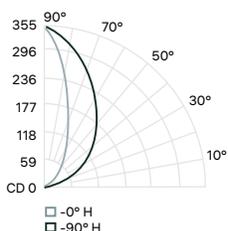
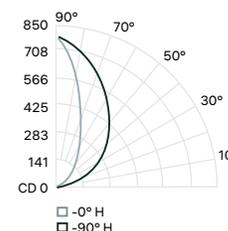
G4 - Pair of spikes and pair of stainless steel adjustable arms, L: 3 7/8" (100mm).
(X476 + X394)



LINEALUCE 47
Surface Remote - RGB & Tunable White

Project: _____
Type: _____

PHOTOMETRIC DATA

SYMMETRICAL OPTICS	MODEL	CCT (K)	CRI	OUTPUT	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd/ft)
Flood - 38°x38° 	RGB	-	80	HO	14.1	390	28	893
	TW	2700 5000			14.7	958	65	1 800
					RGB FLOOD HO 38°x38° 	TW82750 FLOOD HO 38°x38° 		
WALL GRAZER OPTICS Wall Grazer Wide Flood - 16°x64° 	RGB	-	80	HO	14.1	474	34	1 727
	TW	2700 5000			14.7	1 295	88	3 612
					RGB WGWF HO 16°x64° 	TW82750 WGWF HO 16°x64° 		
ELLIPTICAL OPTICS Elliptical - 41°x87° 	RGB	-	80	HO	14.1	370	26	354
	TW	2700 5000			14.7	905	62	809
					RGB ELLF HO 41°x87° 	TW82750 ELLF HO 41°x87° 		

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