

High efficiency linear system for exterior applications. Patented optic Opti Beam linear delivers superior performance with 8 distributions, symmetric, asymmetric grazer and elliptical distributions. Integral honeycomb, longitudinal and transversal louver for improved visual comfort.

Luminaire characteristic:

Power input:
RGB: 14W/ft
RGBW: 13W/ft
Tunable white: 14W/ft
Lumens: Up to 1265lm/ft
Luminaire efficacy: Up to 93lm/W

Source:	RGB, RGBW (4000K), Tunable white (2700K to 5000K, 80CRI).
Lumen maintenance:	RGB: L80 of 56 000 hours at 40°C, L80 of 65 000 hours at 25°C. RGBW: L80 of 59 000 hours at 40°C, L80 of 70 000 hours at 25°C. Tunable white: L80 of 100 000 hours at 40°C.
Optic:	Available in 38°X38°, 20°X60°, 40°X85°.
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 methacrylat) Hardware: Stainless steel.
Mounting:	Universal Surface mounting, using mounting accessories (included). Supplied with 6.5' (2000mm) long cable (page 6).
Electrical:	48Vdc RGB (48 to 52Vdc), 48Vdc RGBW (44 to 52Vdc), 48Vdc Tunable white (48 to 52Vdc).
Dimming:	DMX RDM (page 4), DMX resolution per luminaire.
Temperature of operation:	-22°F to 113°F (-30°C to 45°C)
Glass surface temperature:	104°F (40°C) maximum.
Finish:	Gray painted (RAL9007) 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.
Weight:	1.9lb/ft (0.86kg/ft)
Warranty:	5 year limited warranty.
Ratings:	IP66, IK06
Certification:	cULus listed for wet location



LINEALUCE MINI 47

SURFACE - RGB, RGBW & TUNABLE WHITE

Type:

Project:

SPECIFICATION SHEET

Page: 2 of 8

ORDERING INFO

ILM47 - **- HO** - **- REM 15 DMX**
FIXTURE

MODEL

☒ **LM47** - Linealuce 47

LED

☐ **RGB** - RGB

☐ **RGBW** - RGBW

☐ **TW** - Tunable white

LENGTH

MAX LENGTH ON A SINGLE FEED ⁽¹⁾		
TW	RGB	RGBW
22ft	22ft	23ft

OUTPUT

☒ **HO** - High output

OPTIC

Symmetrical

☐ 38°X38°

Grazer

☐ 20°X60°

Elliptical

☐ 40°X85°⁽²⁾

MOUNTING

☐ **M** (Surface)

☐ **G** (Ground spike)⁽³⁾

☐ **1** - Short arm with granular adjustment

☐ **2** - Short adjustable arms

☐ **3** - Adjustable arms
L: 2¾"

☐ **4** - Adjustable arms⁽³⁾
L: 3¾"

☐ **5** - Adjustable arms⁽⁴⁾
L: 7¾"

VOLTAGE

☒ **REM** - Remote

FINISH

☒ **15** - Gray

DIMMING

☒ **DMX** - DMX CONTROL

⁽¹⁾ To specify longer lengths, multiple product code must be used. See page 7 for example.

⁽²⁾ Not compatible with honeycomb louver (**A5**).

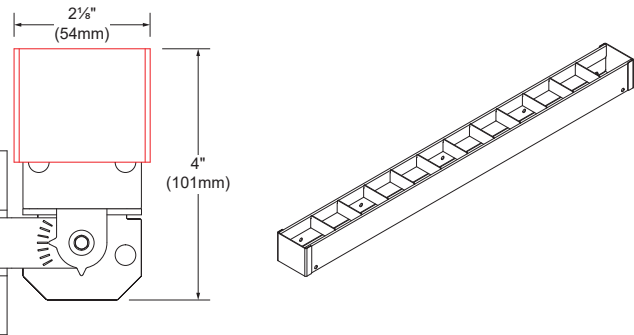
⁽³⁾ Ground spike with 3¾" adjustable arms (**G4**) available only with internal accessories (**A3, A4, A5**)

⁽⁴⁾ Available for surface (**M**) mounting.

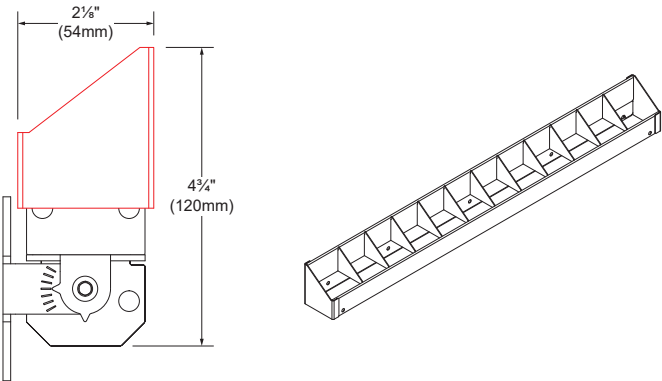
FIXTURE ACCESSORIES (optional)

EXTERNAL ACCESSORIES (for installation consult the instruction sheet)

☐ **A1** - Symmetrical external screen



☐ **A2** - Asymmetrical external screen



INTERNAL ACCESSORIES (Installed in factory)

☐ **A3** - Internal transversal louver



☐ **A4** - Internal longitudinal louver

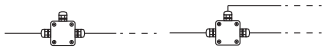


☐ **A5** - Honeycomb louver



ACCESSORIES (TO BE ORDERED SEPARATELY)

☐ **4543** - Wet location junction box



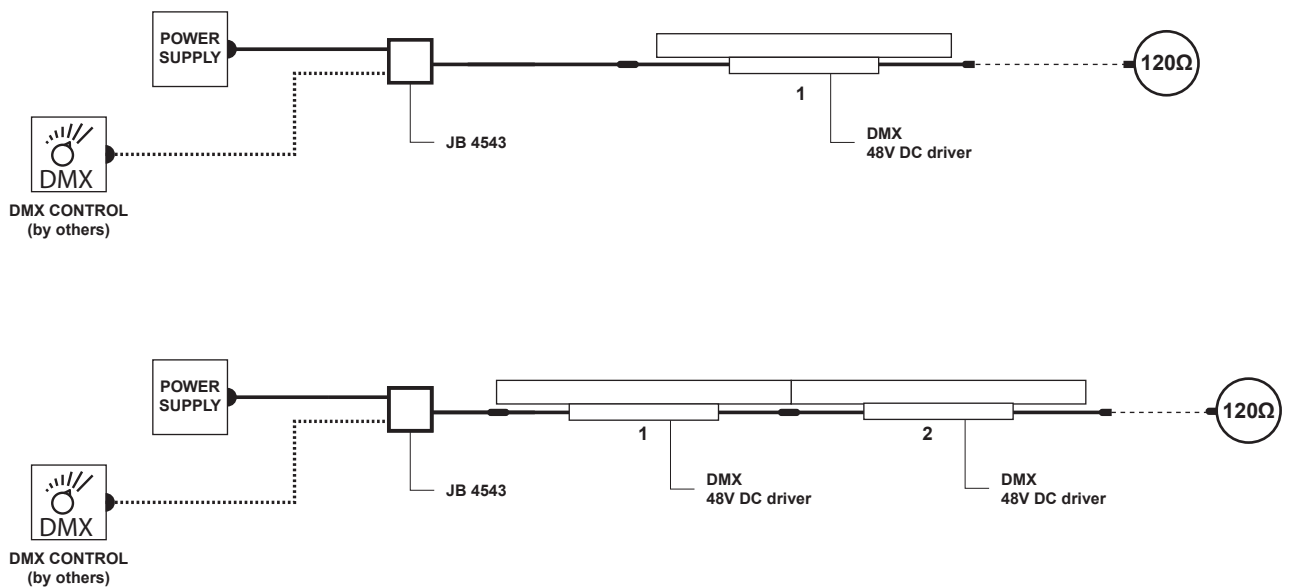
REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

*Electronic driver 0-10V or DMX included in fixture

				Maximum Nominal length		
Watts	Voltage	Rated	Dimensions	TW	RGB	RGBW
<input type="checkbox"/>	4554-0048-120-UNV-ND			8'	8'	9'
120	120-277V	Outdoor / wet location	14½" x 6½" x 3½" (362 x 159 x 89mm)	(2.5m)	(2.5m)	(2.5m)
<input type="checkbox"/>	4554-0048-240-UNV-ND			17'	18'	19'
240	120-277V	Outdoor / wet location	14½" x 6½" x 3½" (362 x 159 x 89mm)	(5m)	(5m)	(5.75m)
<input type="checkbox"/>	4554-0048-480-UNV-ND			22'	22'	23'
480	120-277V	Outdoor / wet location	14½" x 6½" x 3½" (362 x 159 x 89mm)	(6.75m)	(6.75m)	(7m)

* For max remote distance, consult instruction sheet.

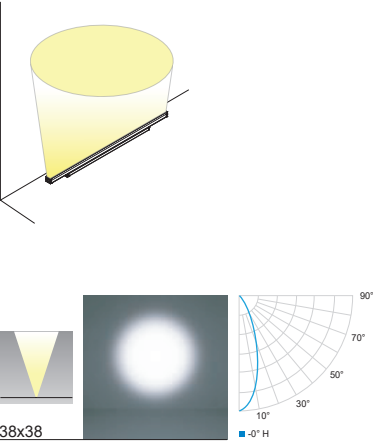
WIRING EXAMPLE



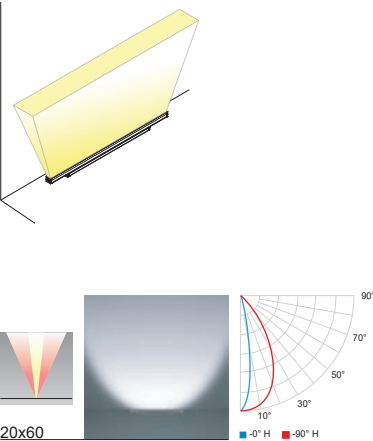
OVERVIEW

OPTICS

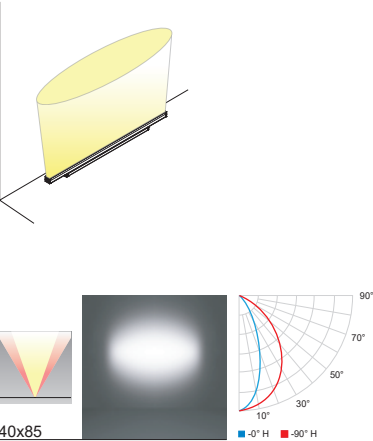
SYMMETRICAL



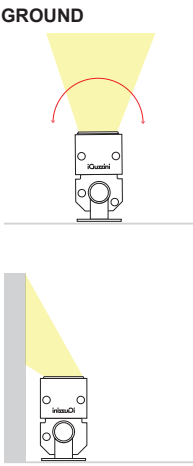
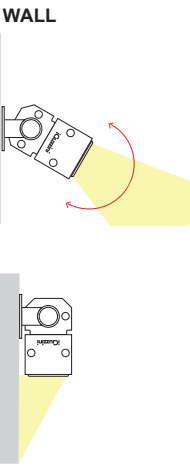
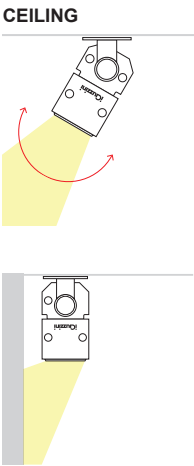
GRAZER



ELLIPTICAL

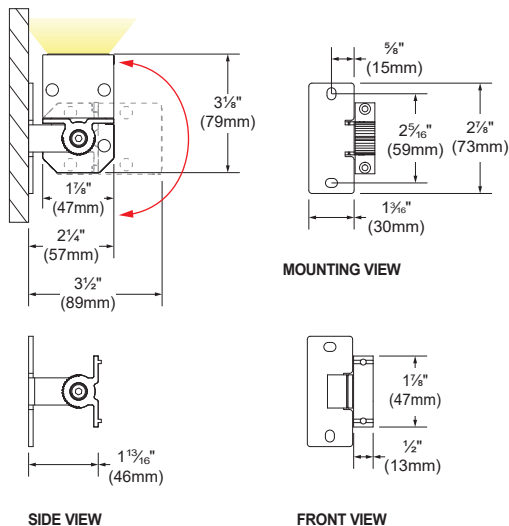


INSTALLATIONS
180° orientable arms

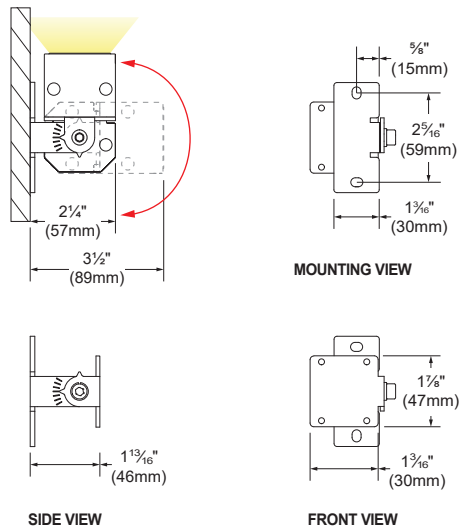


MOUNTING AND DIMENSIONS

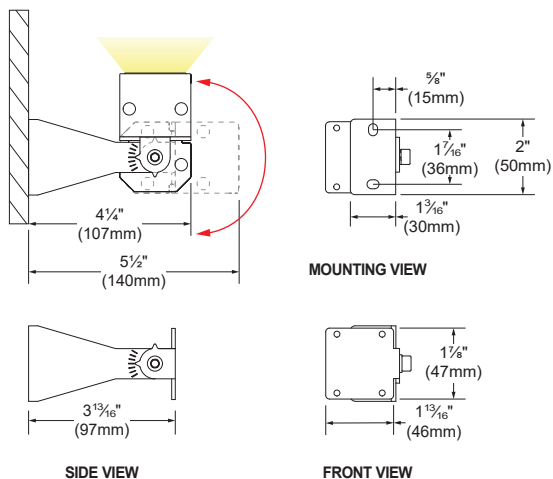
1 - Short arm with granular adjustment



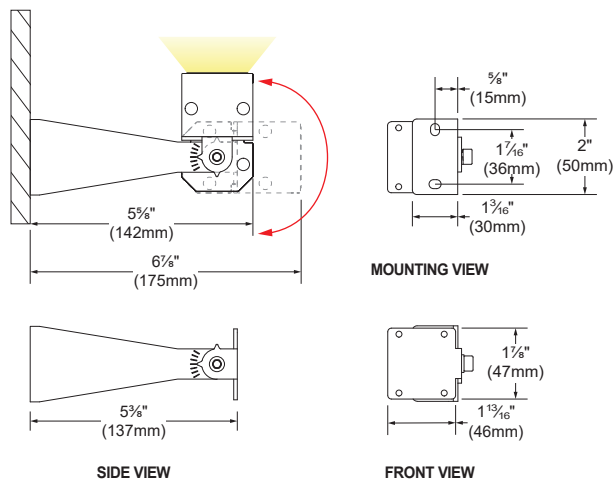
2 - Short adjustable arms



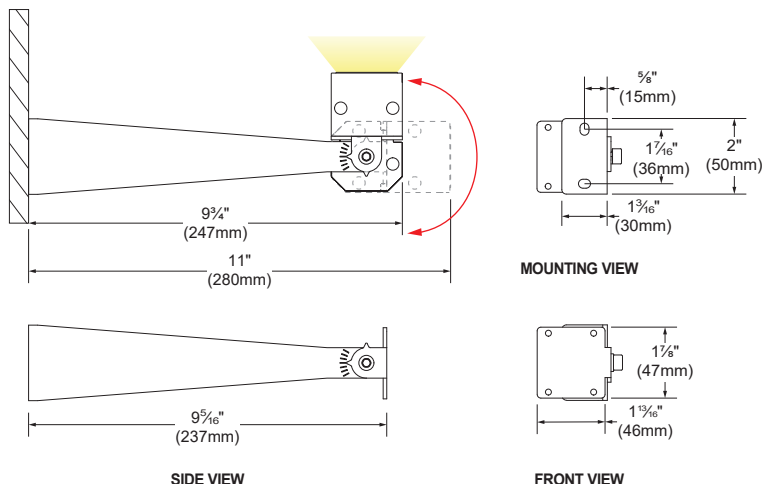
3 - Stainless steel adjustable arms L: 2 3/8" (60mm)



4 - Stainless steel adjustable arms L: 3 1/8" (100mm)







5 - Stainless steel adjustable arms L: 7 1/8" (200mm)



LENGTHS

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

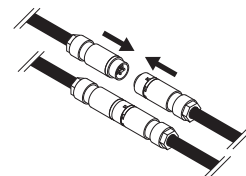
2'	
	L: 2' (611mm)
3'	
	L: 2' 11 3/4" (908mm)
4'	
	L: 3' 11 1/2" (1205mm)
5' *	
	L: 4' 11 1/8" (1502mm)
	* Available for RGBW version only.

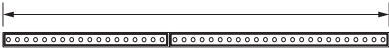





CONTINUOUS ROWS EXAMPLE

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.

MAX LENGTH ON A SINGLE FEED		
TW	RGB	RGBW
22ft	22ft	23ft

PLUG AND PLAY QUICK CONNECTOR INSTALLATION

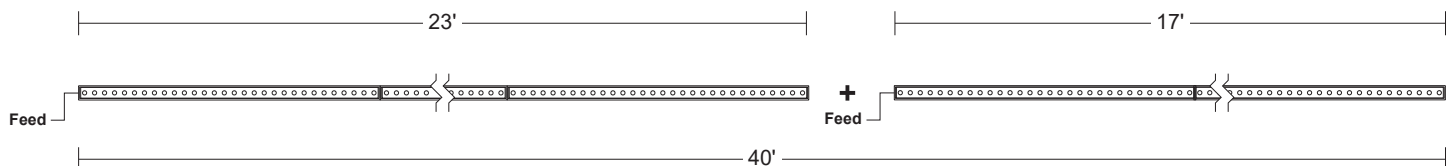


7'	
	Combination: 3' + 4'
	Total length: 6'-11 3/8" (2115mm)
10'	
	Combination: 5' + 5'
	Total length: 9'-10 3/8" (3006mm)
14'	
	Combination: (2 x 5') + 4'
	Total length: 13'-10" (4214mm)
16'	
	Combination: (2 x 5') + 4' + 2' *
	Total length: 15'-10 3/8" (4826mm)
21'	
	Combination: (3 x 5') + 4' + 2' *
	Total length: 20'-9 3/8" (6335mm)
24'	
	Combination: (4 x 5') + 4'
	Total length: 23'-8 1/2" (7226mm)

* 2' units are to be used as single units or at the end of a line.

EXAMPLE: COVERING A 40-FOOT FACADE

ILM47-23-BO-XXX-XXXXX-XX-REM15DMX + ILM47-17-BO-XXX-XXXXX-XX-REM15DMX



PHOTOMETRIC DATA

SYMMETRICAL

38x38

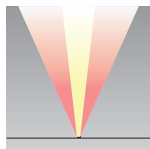


CCT (K)	CRI	OUTPUT	LOAD (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/w)	MAX CANDELA (cd)
RGB	80	HO	14W/ft	440	33	4 445
RGBW*			13W/ft	415	33	3 725
TW			14W/ft	1 036	76	8 340

*WHITE LIGHT: 4000K

GRAZER

20x60

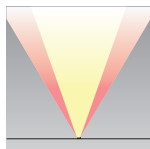


CCT (K)	CRI	OUTPUT	LOAD (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/w)	MAX CANDELA (cd)
RGB	80	HO	14W/ft	470	36	6 295
RGBW*			13W/ft	505	40	6 700
TW			14W/ft	1 265	93	11 700

*WHITE LIGHT: 4000K

ELLIPTICAL

40x85



CCT (K)	CRI	OUTPUT	LOAD (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/w)	MAX CANDELA (cd)
RGB	80	HO	14W/ft	375	28	1 455
RGBW*			13W/ft	390	31	1 500
TW			14W/ft	875	64	3 165

*WHITE LIGHT: 4000K