Linealuce 47 Recessed - Integral
TUNABLE WHITE

Stand alone

Continuous row

Luminaires characteristics

POWER (W/ft)	OPTIC	MODEL	LUMEN (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd)
HO 13.8Wft	WGWF 16˚x63˚	Tunable White	697	50	2 655

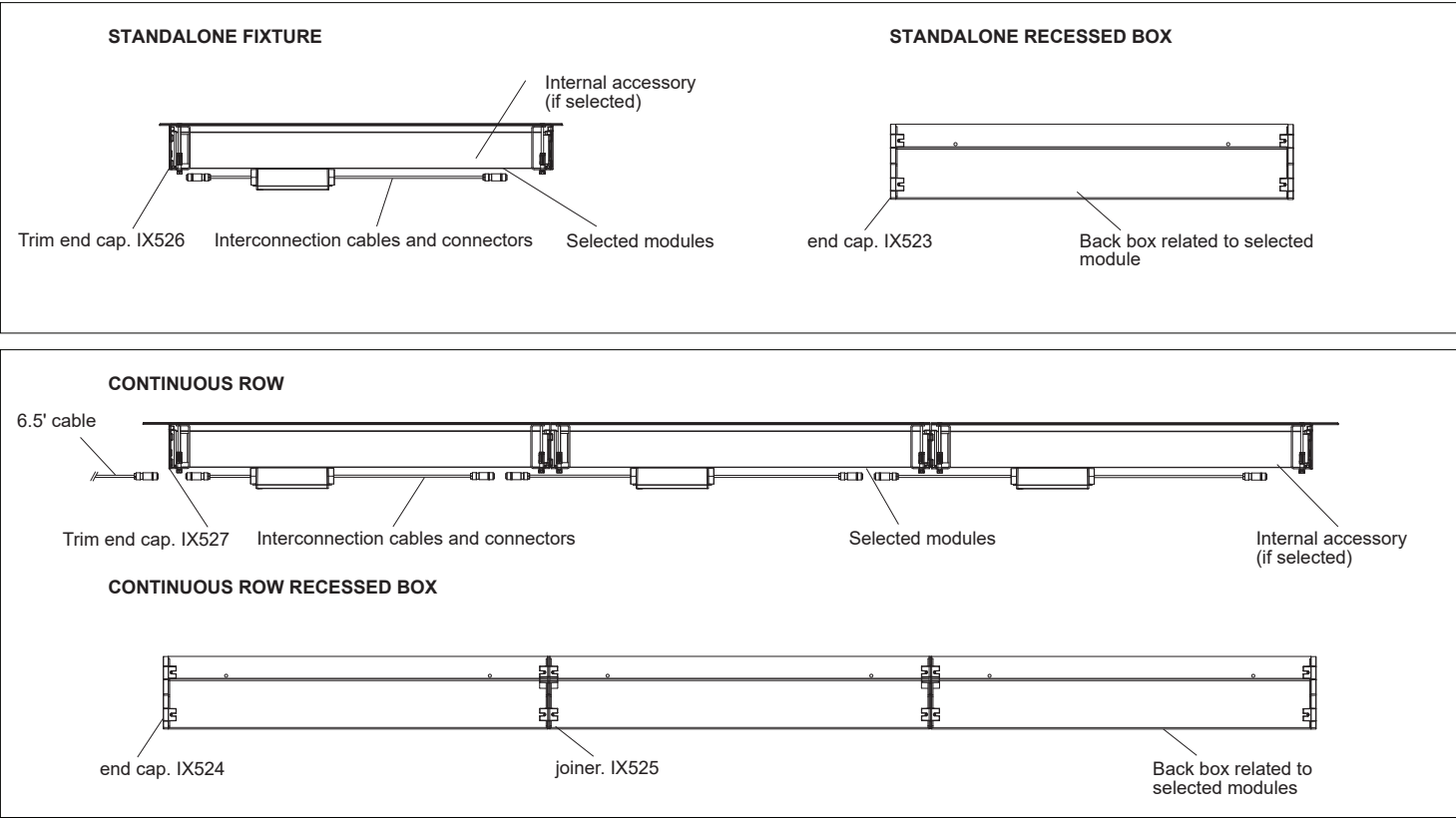|	
Source:	White LED (LM-80), Tunable White, 2700K to 5000K, 80 CRI
Lumen maintenance:	80% of initial lumens at 100 000 hours (L80 B10) Ta 77°F (25°C) 80% of initial lumens at 100 000 hours (L80 B10) Ta 104°F (40°C)
Optic:	Wall grazer optic: Wide flood.
Material:	Body: Extruded aluminum End caps: Die-cast aluminum alloy Protective screen: ⁵/₁₆" (8mm) sodium-calcium tempered sealing glass with silk screen. Optic diffuser: PMMA (polymethyl methacrylat) 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. 120V/277V.
Dimming:	DMX-RDM control (120-277V).
Temperature of operation:	-22°F to 122°F (-30°C to 50°C)
Glass surface temperature:	104°F (40°C) maximum.
Load capacity:	Maximum static load 4409 lb (2000 kg). 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:	2.2lb/ft (1.37kg/ft)
Warranty:	5 year limited warranty.
Ratings:	IP67, IK10
Certification:	cULus listed for wet location

Ala H - R0   Last update: May 09, 2025

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ORDERING INFO

CLICK HERE

CONFIGURE

PRODUCT CODE

RECESSED BOX CODE

MODEL	LENGTH¹		OUTPUT	LED	OPTIC	MOUNTING	VOLTAGE	FINISH	DIMMING	INTERNAL OPTIONAL ACCESSORIES
ILM47R Linealuce 47 recessed	**1.3** 1.24ft / 0.38m (340mm module) **2.2** 2.12ft / 0.65m (610mm module) **3.1** 3.10ft / 0.94m (907mm module) **4.1** 4.07ft / 1.24m (1204mm module)		**HO** High output 697 lm/ft 13.8W/ft	**TW82750** Tunable White 2700K, 3500K and 5000K, 80 CRI	*GRAZER* **WGWF** Wide flood 16°x63°	**M1** Back box **M2** ² Back box with safety cable for wall **M3** ² Back box with safety cable for ceiling. **NA** No back box, for module replacement only.	**UNV** 120-277V	**01** White **02** Black **15** Gray **F5** Rust brown	**DMX** DMX-RDM control (120-277V)	**A3** Internal transversal louver **A4** Internal longitudinal louver **A5** Internal honeycomb louver **A6** Internal microlouver

1 The lenght above 4' are module composition in continuous row. They are available with M1 mounting only. The lengths ft / m shown includes the trim end cap.
2 Available only with standalone in concrete.

INCLUDED IN PRODUCT CODE

STANDALONE FIXTURE

Internal accessory (if selected)

Trim end cap. IX526   Interconnection cables and connectors   Selected modules

STANDALONE RECESSED BOX

end cap. IX523   Back box related to selected module

CONTINUOUS ROW

6.5' cable

Trim end cap. IX527   Interconnection cables and connectors   Selected modules   Internal accessory (if selected)

CONTINUOUS ROW RECESSED BOX

end cap. IX524   joiner. IX525   Back box related to selected modules

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ACCESSORIES

IINTERNAL OPTICAL ACCESSORIES
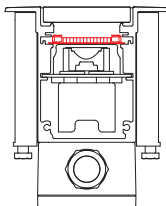(Installed in factory)

A3 - Internal transversal louver
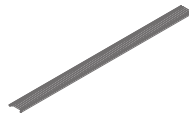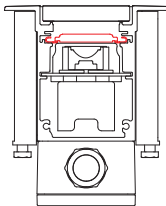Colour: Black
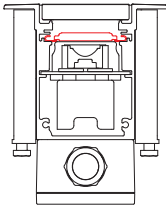
A4 - Internal longitudinal louver
Color: Black
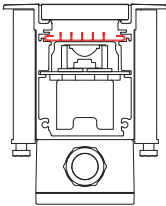
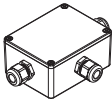**A5 -** Internal honeycomb louver
Colour: Black

A6 - Internal microlouver
Colour: Black

CABLE
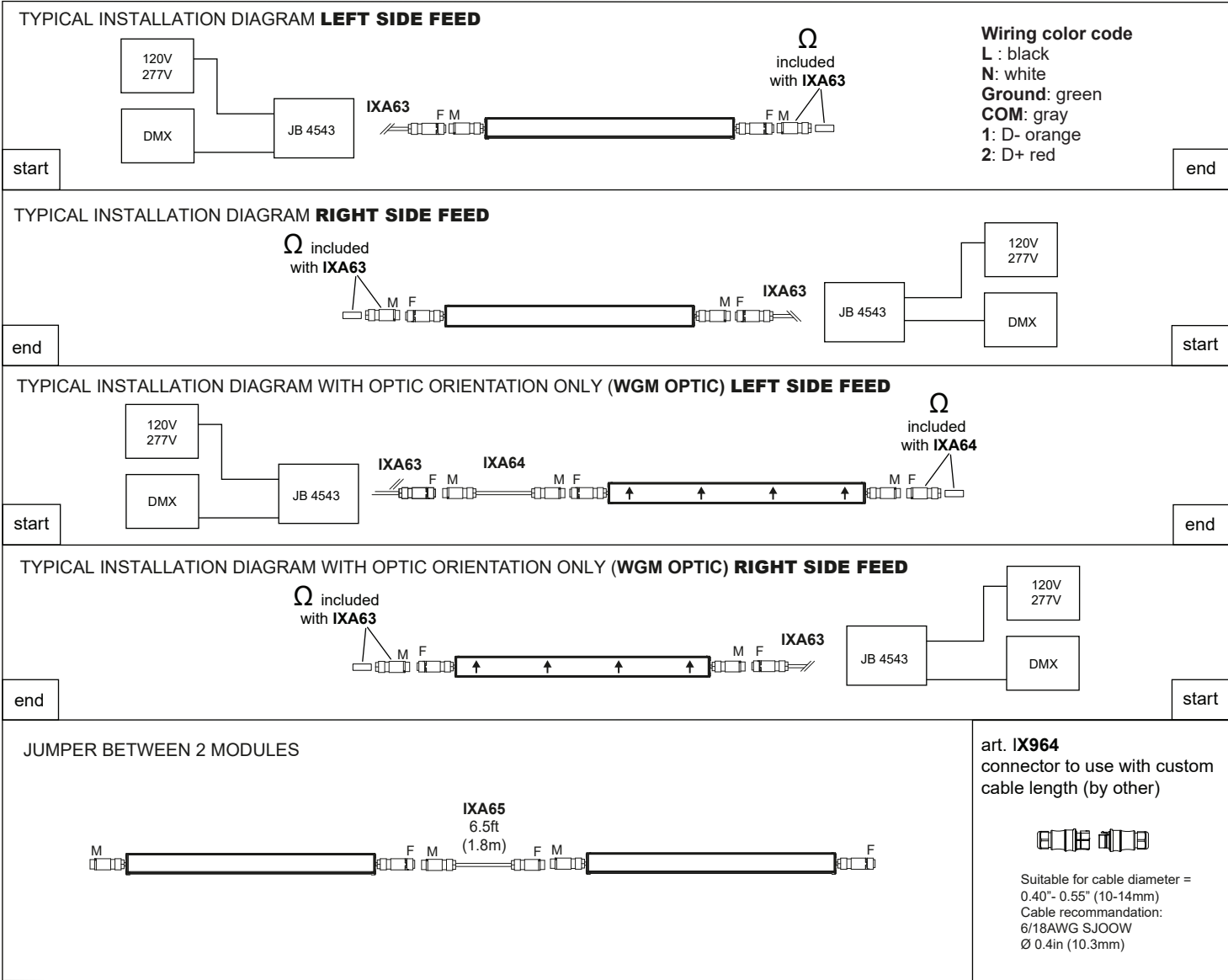**(EXTRA CABLE TO BE ORDERED SEPARATELY)**
Consult instruction sheet for detail on installation.

DMX	
☐ **IX964** 6 poles, use with 6/18AWG SJOOW wire type	Female/Male connector IP68.
☐ **IXA64** Include DMX resistor and female connector	2' (686mm) ø0.15' cable with male/male connector.
☐ **IXA63** Include DMX resistor and male connector	6.5' (2000mm) with female connector.
☐ **IXA65**	2' (686mm) cable with male/female connector.

☐ **4543-00** Wet location junction box.
Aluminium unfinished.
Includes 3 cable clamp for
ø3/16 to 7/16in cable and 1 plug.

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WIRING INFORMATION
DMX

TYPICAL INSTALLATION DIAGRAM **LEFT SIDE FEED**

Wiring color code
L : black
N: white
Ground: green
COM: gray
1: D- orange
2: D+ red

start

Ω
included
with **IXA63**

end

TYPICAL INSTALLATION DIAGRAM **RIGHT SIDE FEED**

end

Ω included
with **IXA63**

start

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

start

Ω
included
with **IXA64**

end

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

end

Ω included
with **IXA63**

start

JUMPER BETWEEN 2 MODULES

IXA65
6.5ft
(1.8m)

art. I**X964**
connector to use with custom
cable length (by other)

Suitable for cable diameter =
0.40"- 0.55" (10-14mm)
Cable recommandation:
6/18AWG SJOOW
Ø 0.4in (10.3mm)

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MOUNTING AND DIMENSIONS

M1 - Back box installation
For floor or ground standalone or continuous row installation

3¹/₈"
(79mm)

4³/₁₆"
(104mm)

3⁷/₁₆"
(87mm)
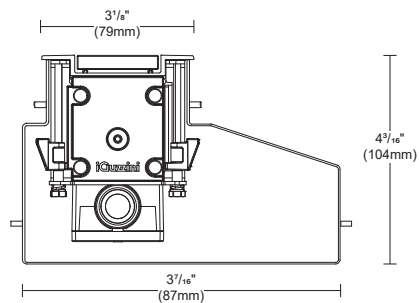
M2 - Back box installation with safety cable installation
For wall standalone installation.

3¹/₈"
(79mm)

3⁷/₁₆"
(87mm)

4³/₁₆"
(104mm)
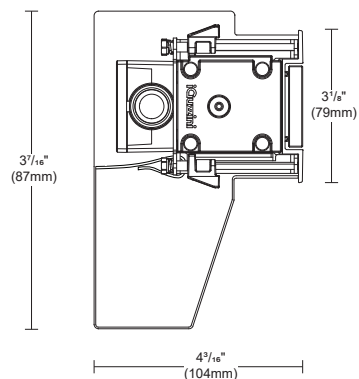
M3 - Back box installation with safety cable installation
For ceiling standalone installation.

3⁷/₁₆"
(87mm)

4³/₁₆"
(104mm)

3¹/₈"
(79mm)

NA - No back box
For module replacement

34¹/₈"
(867mm)

19¹/₈"
(490mm)

40³/₄"
(1035mm)
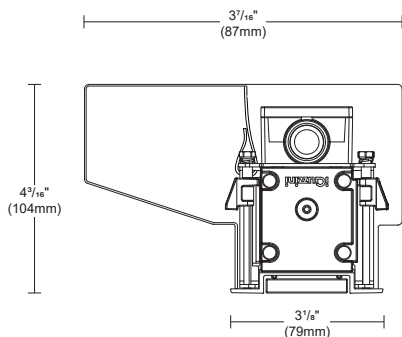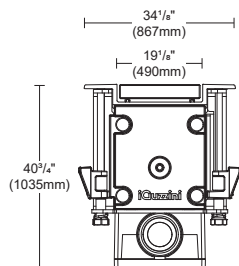
PERMITED INSTALLATION POSITION

M3

M2

M2

M1

M1

**Madatory back box
for all position**

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LENGTH STANDALONE FIXTURE

1.1'
1.1'
(340mm)

4'
4'
(1204mm)

2'
2'
(610mm)

3'
3'
(907mm)

LENGTH STANDALONE FIXTURE WITH TRIM END CAP

1.3'
1.3'
(376mm)

4.1'
4.1'
(1240mm)

2.2'
2.2'
(646mm)

3.1'
3.1'
(943mm)

LENGTH STANDALONE RECESSED BOX WITH END CAP

1.16'
1.16'
(354mm)

3.99'
3.99'
(1218mm)

2.04'
2.04'
(624mm)

3.02'
3.02'
(921mm)

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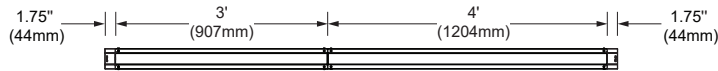# Linealuce 47 Recessed - Integral
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CONTINUOUS ROWS EXAMPLE

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.
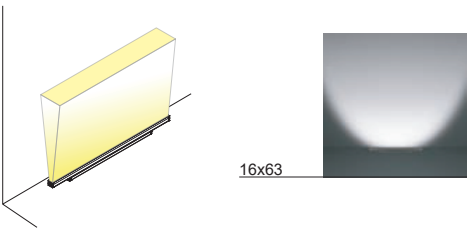
| 1.75" (44mm) | 3' (907mm) | 4' (1204mm) | 1.75" (44mm) |

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

OVERVIEW

OPTICS

GRAZER

16x63

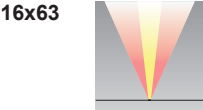## PHOTOMETRIC DATA

Power can vary with selected drivers. Efficacy based on IESNA LM-79 test reports.
Visit iguzzini.com/us/ for complete photometric data.

WALL GRAZER WIDE FLOOD

16x63

MODEL	CCT (K)	CRI	POWER (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/w)	MAX CANDELA (cd)
Tunable White	2700K 3500K 5000K	80	13.8W/ft	697*	50*	2 655*

*The flux and intensity represent the average of the three CCT.

TW82750 (2700K to 5000K, 80CRI)

■ -0°H
■ -90°H

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