



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: 4W/ft, 7W/ft or 12W/ft
Lumens: Up to 1010lm/ft (for 3000K, 80CRI)
Luminaire efficacy: Up to 117lm/W

Source: White LED (LM-80),
2700K, 3000K, 4000K: 80CRI.
Lumen maintenance: 100 000 hours L80 for maximum wattage.

Optic: 12°X12°, 38°X38°, 42°X42°, 13°X18°, 20°X20°,
20°X60°, 25°X35°, 40°X85°.

Material: Body: Extruded aluminum
End caps: Die-cast aluminum alloy
Protective screen: 3/8" (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 nominal voltage (44 to 52Vdc).

Dimming: Down to 1%, 0-10V dimming (120-277V) or
down to 0%, DMX RDM (120-277V) (page 2).

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, IK05

Certification: cULus listed for wet location



ORDERING INFO

ILM47 - - - - REM 15
FIXTURE

MODEL

☒ LM47 - Linealuce 47

LENGTH

MAX LENGTH ON A SINGLE FEED ⁽¹⁾		
BO	MO	HO
69ft	39ft	25ft

OUTPUT

☐ BO - Base output ☐ MO - Medium output ☐ HO - High output

LED

☐ 827 - 2700K, 80CRI ☐ 830 - 3000K, 80CRI ☐ 840 - 4000K, 80CRI

OPTIC

Symmetrical

☐ 12°X12°
☐ 38°X38°
☐ 42°X42°

Grazer

☐ 13°X18°
☐ 20°X20°
☐ 20°X60°

Elliptical

☐ 25°X35°⁽²⁾
☐ 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

☐ D10 - 0-10V (down to 1%) ☐ DMX - DMX CONTROL (down to 0%)

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

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

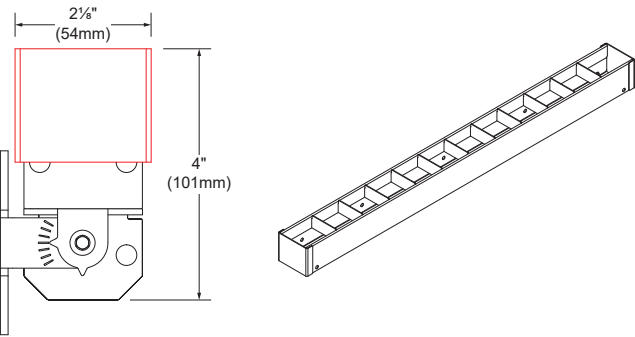
⁽³⁾ Ground spike with 3¾" adjustable arms (G4) available only with internal accessories (A3, A4, A5).

⁽⁴⁾ Available for surface (M) mounting.

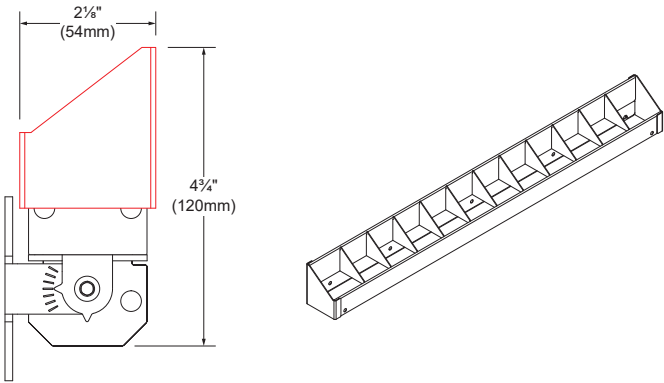
FIXTURE ACCESSORIES (optional)

EXTERNAL ACCESSORIES (for installation consult the instruction sheet)

☐ **A1** - Symmetrical external screen



☐ **A2** - Asymmetrical external screen

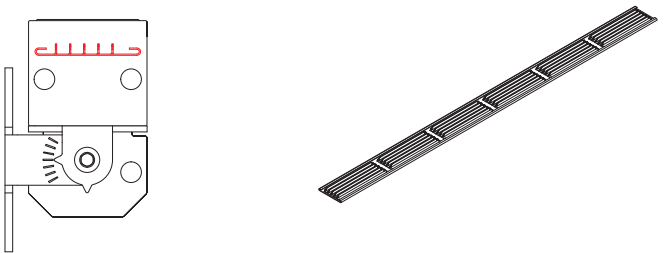


INTERNAL ACCESSORIES (Installed in factory)

☐ **A3** - Internal transversal louver



☐ **A4** - Internal longitudinal louver

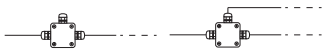


☐ **A5** - Honeycomb louver



ACCESSORIES (TO BE ORDERED SEPARATELY)

☐ 4543 - Wet location junction box



REMOTE LED DRIVER OPTIONS

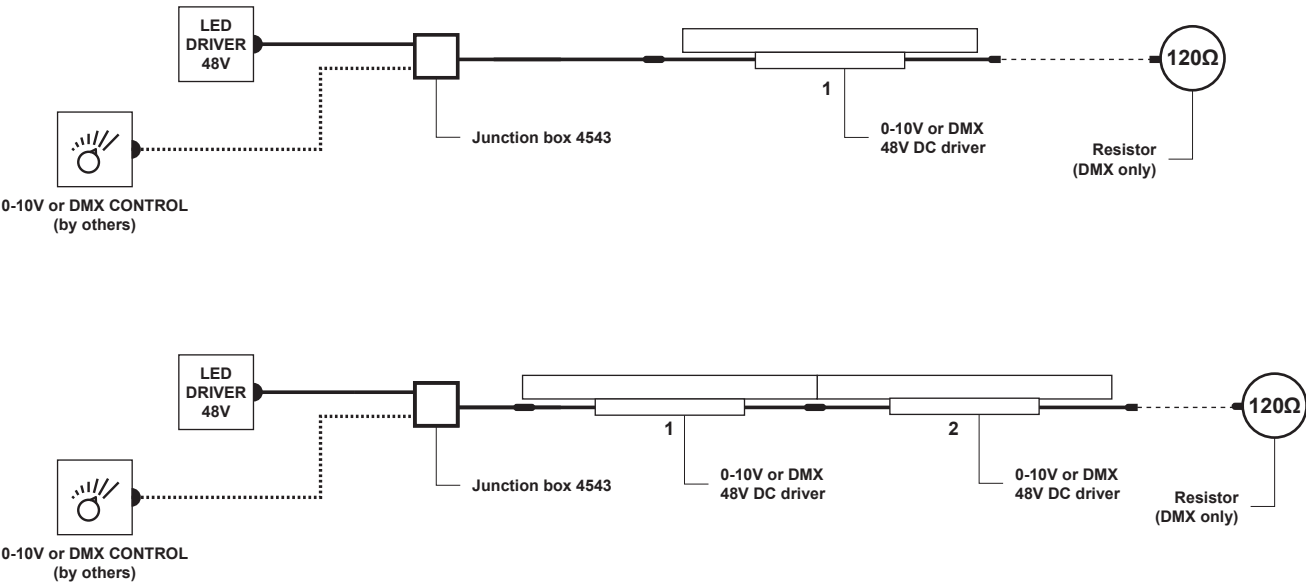
(TO BE ORDERED SEPARATELY)

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

				Maximum nominal length		
Watts	Voltage	Rated	Dimensions	BO	MO	HO
<input type="checkbox"/>	4554-0048-120-UNV-ND			29'	17'	10'
120	120-277V	Outdoor / wet location	14½" x 6½" x 3½" (362 x 159 x 89mm)	(8.75m)	(5m)	(3m)
<input type="checkbox"/>	4554-0048-240-UNV-ND			59'	35'	20'
240	120-277V	Outdoor / wet location	14½" x 6½" x 3½" (362 x 159 x 89mm)	(17.75m)	(10.5m)	(6m)
<input type="checkbox"/>	4554-0048-480-UNV-ND			69'	39'	25'
480	120-277V	Outdoor / wet location	14½" x 6½" x 3½" (362 x 159 x 89mm)	(21m)	(12m)	(7.75m)

* For max remote distance, consult instruction sheet.

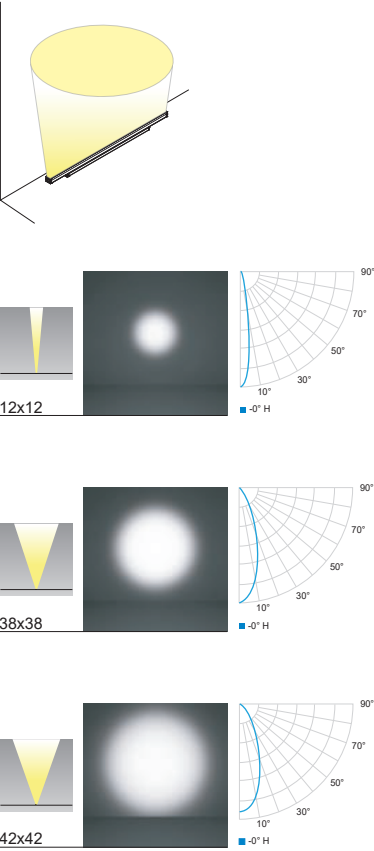
WIRING EXAMPLE



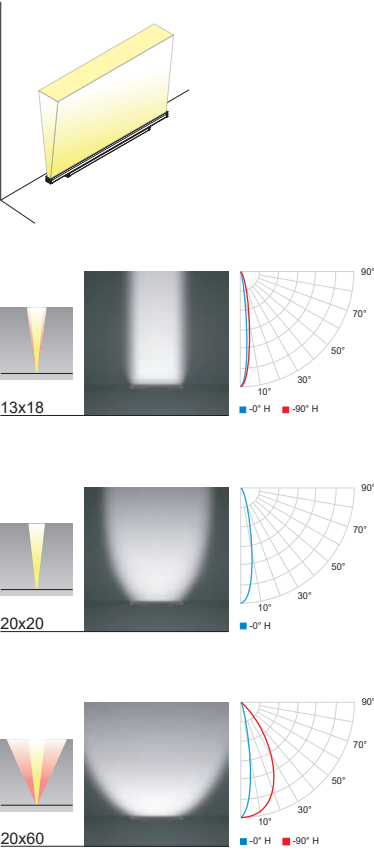
OVERVIEW

OPTICS

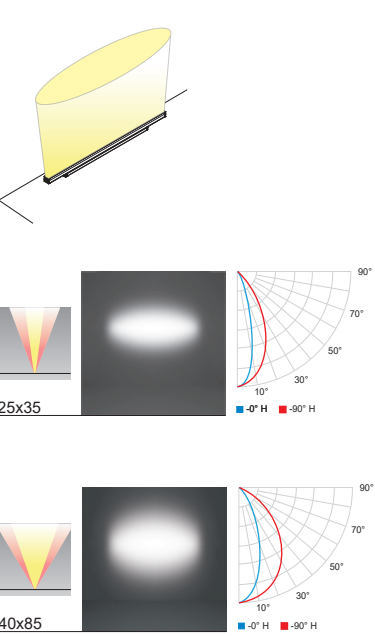
SYMMETRICAL



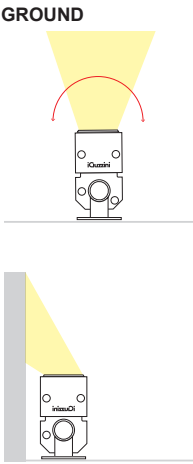
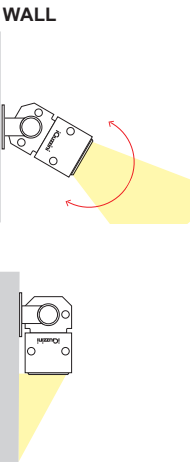
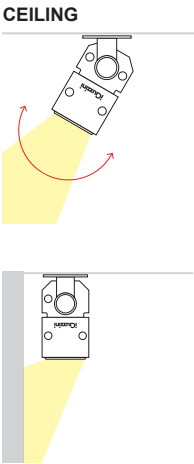
GRAZER



ELLIPTICAL

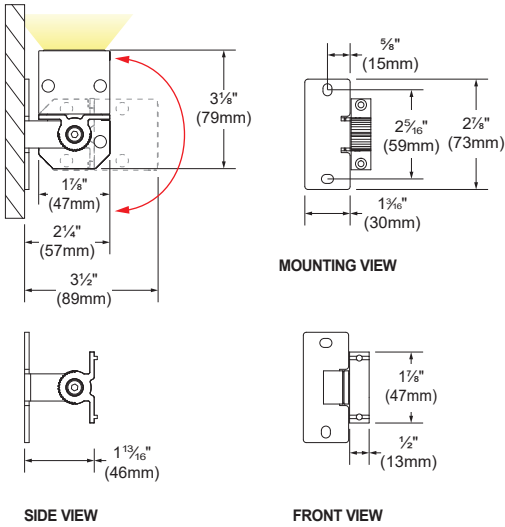


INSTALLATIONS
180° orientable arms

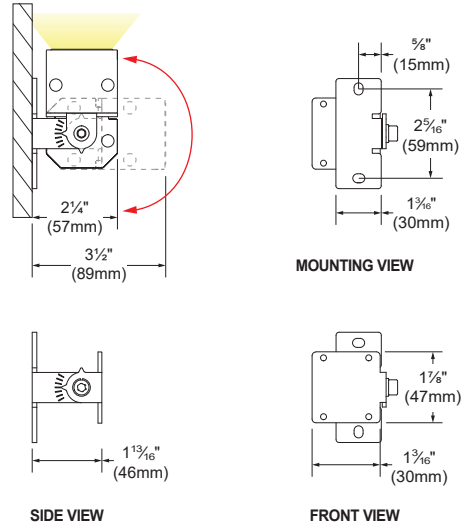


MOUNTING AND DIMENSIONS

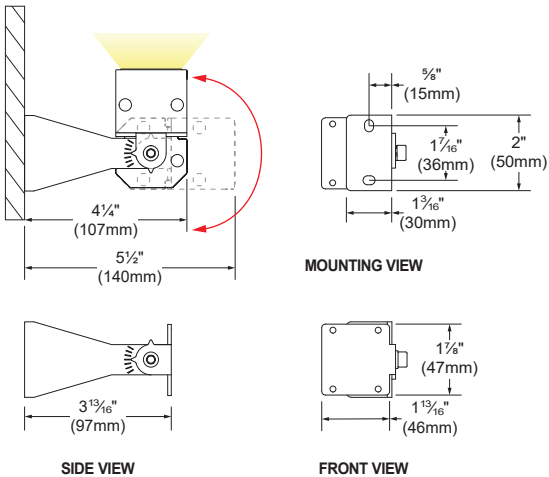
1 - Short arm with granular adjustment



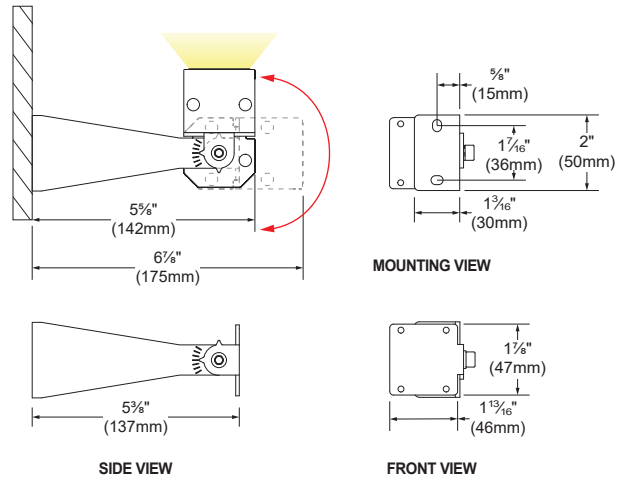
2 - Short adjustable arms



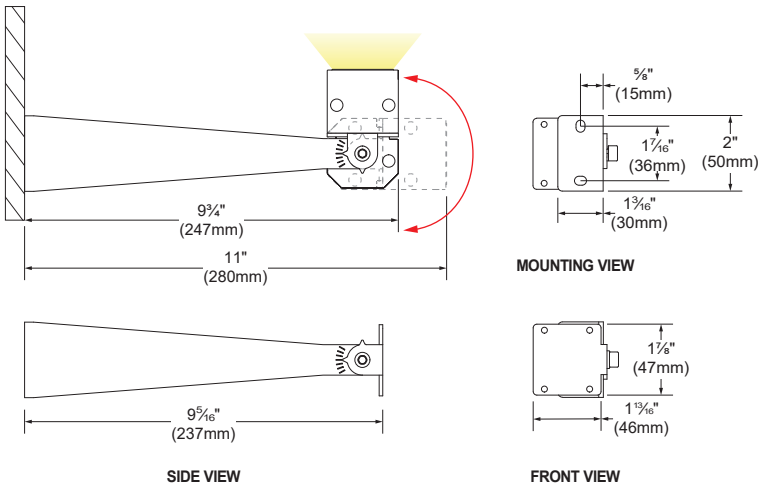
3 - Stainless steel adjustable arms L: 2 3/8" (60mm)



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

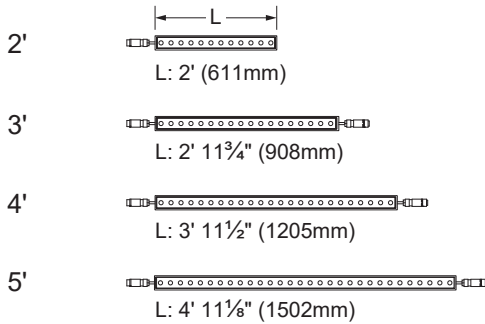


5 - Stainless steel adjustable arms L: 7 7/8" (200mm)



LENGTHS

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

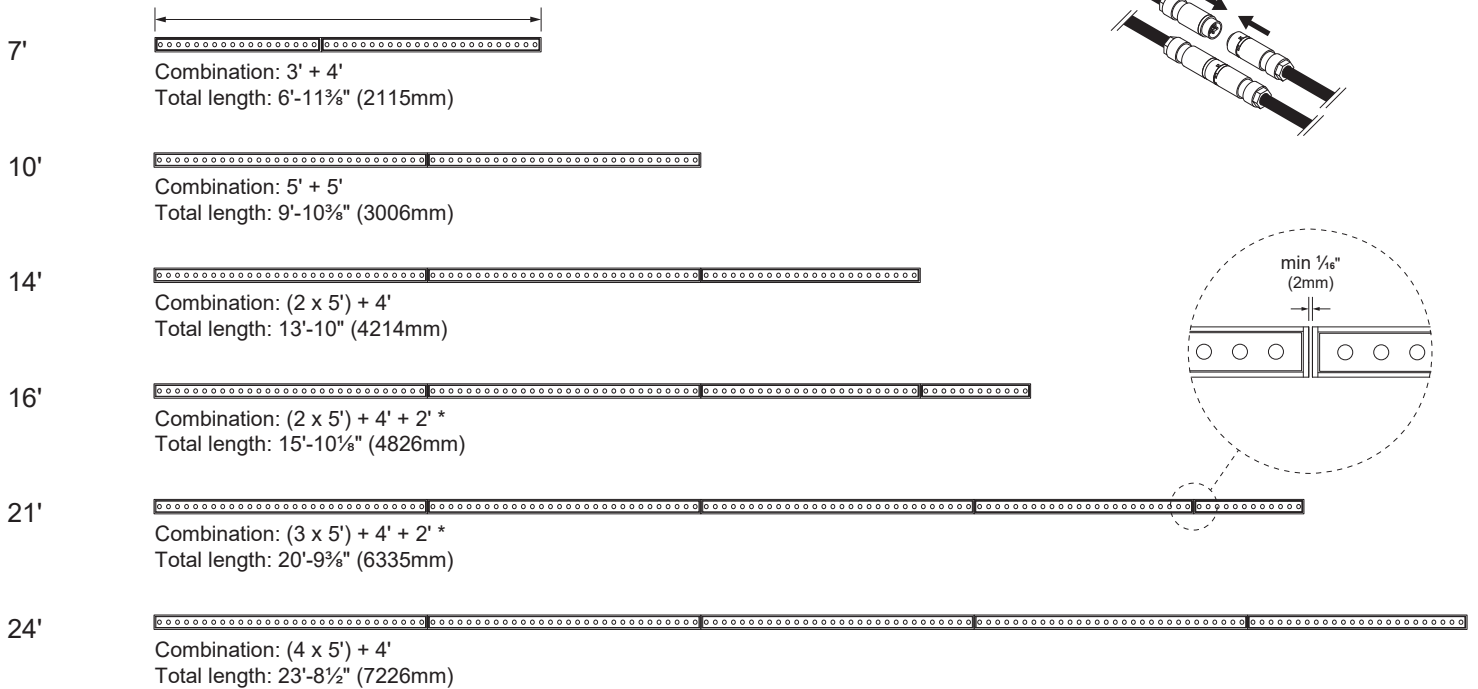
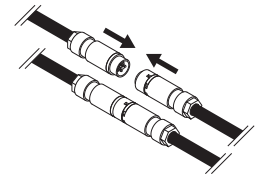


CONTINUOUS ROWS EXAMPLE

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.

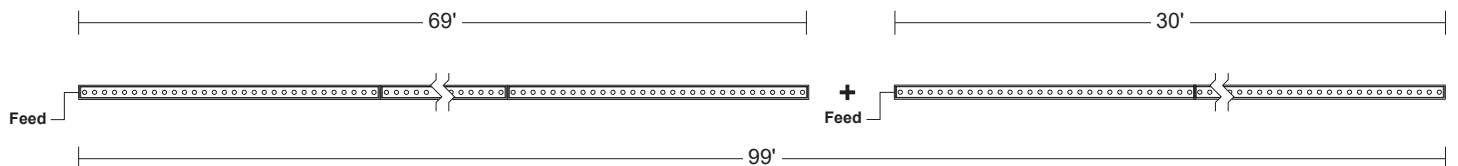
MAX LENGTH ON A SINGLE FEED		
BO	MO	HO
69ft	39ft	25ft

PLUG AND PLAY QUICK CONNECTOR INSTALLATION



EXAMPLE: COVERING A 99-FOOT FACADE

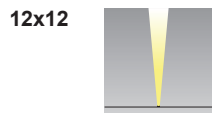
ILM47-69-BO-XXX-XXXXX-XX-REM15DMX + ILM47-30-BO-XXX-XXXXX-XX-REM15DMX



PHOTOMETRIC DATA

SYMMETRICAL

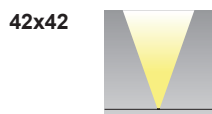
Photometric data based on maximum power consumption (5' unit). Use the multiplier table for other cct and cri output data.



CCT (K)	CRI	OUTPUT	LOAD (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/w)	MAX CANDELA (cd)
3000K	80	BO	4W/ft	425	117	29 170
		MO	7W/ft	725	107	49 535
		HO	12W/ft	1 130	96	77 415

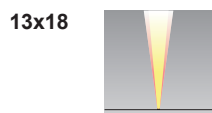


3000K	80	BO	4W/ft	310	86	2 440
		MO	7W/ft	530	78	4 145
		HO	12W/ft	825	70	6 480

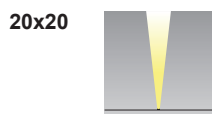


3000K	80	BO	4W/ft	345	96	2 225
		MO	7W/ft	590	87	3 780
		HO	12W/ft	925	79	5 910

GRAZER



3000K	80	BO	4W/ft	365	102	9 680
		MO	7W/ft	625	92	16 440
		HO	12W/ft	980	83	25 685



3000K	80	BO	4W/ft	300	83	4 375
		MO	7W/ft	510	75	7 430
		HO	12W/ft	800	68	11 615

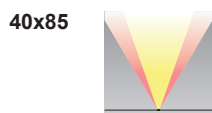


3000K	80	BO	4W/ft	345	96	3 525
		MO	7W/ft	590	87	5 990
		HO	12W/ft	925	79	9 365

ELLIPTICAL



3000K	80	BO	4W/ft	300	70	3 785
		MO	7W/ft	500	68	6 305
		HO	12W/ft	785	61	9 885



3000K	80	BO	4W/ft	270	63	1 200
		MO	7W/ft	450	60	2 000
		HO	12W/ft	705	55	3 135

CCT options	2700K	3000K	400K
CRI options	80CRI	80CRI	80CRI
Multiplier	0.92	1	1