IK10+ Series - High **Lumen** Family - Specification Sheet

The LUX IK10+ series features COMPETITIVE EFFICACY across a BROAD LUMEN RANGE We build the IK10+ from durable 6463 EXTRUDED ALUMINUM making it beautiful while maintaining terrific STABILITY and LONGEVITY

Performance

- Lumen output: **8,700 up to 200,000 lumens, approx.**
- Efficacy: **Up to 166 Lumens per Watt**
- L_{70} (per TM-21): **72,000 Hours**
- L_{70} (calculated): **147,000 Hours**
- Ambient Temp. Rating: **-40°F to 140°F (-40°C to 60°C)**
  Ambient temperature rating varies for auxiliary components
- Surge Protection: **6kV (10kV Option Available)**

Construction

- Extruded 6463 aluminum construction
- Stainless-steel hardware
- Bright dip anodized fixture body
- Isolated driver channels
- Thermally independent heat sink LED bars

Listing and Ratings

- UL 1598 for Dry, Damp, and Wet Locations
- ARRA/BAA Compliant (Made in America)
- BABA Compliant Options Available, Consult Factory
- IP55 Rated
- UL EPH Listed - NSF Rated
- 3G Vibration Rated
- Exceeds IK10 impact rating with polycarbonate lens
- IK10 rating does not apply to acrylic lenses

Warranty

- 10-Year Warranty on fixture body
- 5-Year Warranty on electronics
- For special requests, contact Factory

Applications

- Gymnasiums/Sports Facilities
- Warehouses
- Manufacturing/Industrial
- Arenas/Fieldhouses
- Natatoriums
- Hangars

Installation

- Aircraft cable suspension
- Surface mounting
- Rigid pendant mounting (with or without powerfeed)
- Adjustable yoke mount
- Tandem mounting available
- Custom mounts available, contact Factory

Optics

- Wide 120° beam angle LEDs
- Optional narrow optic for aisle or racking applications
- LED bars are rotatable to allow for custom distributions
- Diffusing lens available in clear and visually comfortable white
- Acrylic and polycarbonate lens materials available
- Lens offers up to 10% uplight

QuickShip®

IK10+ Quick Ship Available
Visit: www.luxdynamics.com

MADE IN THE USA · BUY AMERICAN BAA COMPLIANT · ARRA · c UL us · DLC QPL LISTED · IP55 · Natatorium Grade · WET LOCATION · IK10 · VIBRATION RATING 3G · UL LISTED EPH

IK10+ Series - High **Lumen** Family

LUX dynamics

Example Catalog Number:

L	3	D	A	850	2	U10

	Delivered lumens with 5000K color / Standard Distribution / CA lens	Some options may require additional driver channels in order to function. Consult Factory.	Defines the order of channels and BARs in the fixture frame. Please see configuration chart on specification sheet.	DLC listing for 850 and 840 color temperature. Other color temperatures available. Consult factory.	Typical fixture lengths shown below. Dimensions shown on pages 6 and 8. Fixture length affects lumen output.	Other driver options available. Consult Factory.
Series	Number of BARS L series only	Number of Channels	Fixture Configuration	CRI / CCT	Length	Voltage and Dimming
L High Lumen	**2' length** / **4' length** **1** 12,005lm / 24,010lm **2-18lm** 18,397lm / N/A **2-36lm** N/A / 36,794lm **2** 23,837lm / 47,674lm **3-30lm** 31,397lm / N/A **3** 35,249lm / 70,498lm **4** 47,237lm / 94,474lm **5** 58,857lm / 117,714lm **6** 71,151lm / 142,302lm **7** 83,182lm / 166,364lm **8** 95,538lm / 191,076lm	**S** Single **D** Double **T** Triple **Q** Quad	**A** **B** **C** **T** ... **A** defines standard configuration. **T** configuration recommended for TC application. Consult Factory for details.	**865** 80CRI 6500K **857** 80CRI 5700K **850** 80CRI 5000K **840** 80CRI 4000K **835** 80CRI 3500K **830** 80CRI 3000K **827** 80CRI 2700K **950** 90CRI 5000K **940** 90CRI 4000K **935** 90CRI 3500K **927** 90CRI 2700K **TW*** Tunable White **RGBW*** RBG with XXX GREYED options not stocked and may need additional lead time *Options significantly decrease lumen output, contact Factory for more information	**2** 2' (24.75") Standard (24.14") Narrow **4** 4' (47.81") Standard (47.20") Narrow	**U10** 120-277V 0-10V dimming 10% min. **U1** 120-277V 0-10V dimming 1% min. **H10** 347/480V 0-10V dimming 10% min. **H1** 347/480V 0-10V dimming 1% min. **DALI** 120-277V DALI control **DMX*** 120-277V DMX control **DP10** 277-480V 0-10V dimming 10% min. **Dimming curves and other operating characteristics may vary between models** *Option significantly decreases lumen output, contact Factory for more information

Some CRI, CCT and other output variations may affect DLC listing; contact LUX for further information.

Options and Accessories

Distribution

(leave blank) General Distribution
N Narrow optics

Narrow optic options vary
See page 6 and 8 for all narrow optic options

Lensing

(leave blank) No Lensing, bare LEDs
CA Clear acrylic diffuse lens
WA White acrylic diffuse lens
CP Clear polycarbonate diffuse lens
WP White polycarbonate diffuse lens

"2" or "4" denotes fixture length
Recommended (leave blank) with "N" distribution option
Recommended WA or WP options for visual comfort
DLC listing for CA, CP, and (leave blank) options

Lumen/Wattage Output

CFO Custom fixture output (specify custom lumen output or wattage lower than standard)

Direction of Light

(leave blank) BARs aimed down
I BARs aimed up
C Custom aiming

Consult with Factory for option "C"

BAR Locking

(leave blank) BARs fixed
R BARs rotatable (Not suitable for WET locations)

Recommended FIXED (BLANK) in high-abuse environments

Channel Access

T Lid opens from above fixture
B Lid opens from below fixture

Some options, including controls and mounting types, may require specific access, consult Factory for further information

Cord

(leave blank)	No cord provided	
3/10	3-wire, 10'cord	Standard white
4/10	4-wire, 10'cord	Standard white
5/10	5-wire, 10'cord	Standard white
6/10	6-wire, 10'cord	Standard white

Other cord lengths and multi-circuit wiring available
Cord routed through fixture endcap unless otherwise specified
1st digit: Number of wires, including ground, available from 3 through 6
2nd digit: Overall length, including strips, available from 10' through 30'

Emergency

E10 10-watt integral emergency battery (CA Title-20 compliant)
E15 15-watt integral emergency battery (CA Title-20 compliant)
E20 20-watt integral emergency battery (CA Title-20 compliant) not available on all configurations, consult Factory
E20R 20-watt non-integral emergency battery (CA Title-20 compliant) **must be field-installed**
E30R 30-watt non-integral emergency battery (CA Title-20 compliant) **must be field-installed**

Remote Mounting

(leave blank) Standard integral driver(s)
RMS Remote mount driver(s) - surface mount
RMC Remote mount driver(s) - cable mount
RNK Remote mount driver(s) - no enclosure kit provided

Restrictions may apply for certain applications, consult Factory

Options and Accessories Continued

Mounting

(leave blank)	No mounting hardware provided
10Y	Y-hanger AC cable up to 11' length, snap hook
4P10	4-point AC cable up to 10' length, hook
4P10S	Stainless steel 4-point AC cable up to 10' length, hook
SPM	Adapter to suspend luminaire below existing stem
MH1	Myer's hub 1-point, 3/4" GRC adapter, Galv. Steel
MH2	Myer's hub 2-point, 3/4" GRC adapter, Galv. Steel
MH1S	Myer's hub 1-point, 3/4" GRC adapter, stainless-steel
MH2S	Myer's hub 2-point, 3/4" GRC adapter, stainless-steel
SM	Surface mount, no machining or hardware provided
SMH	Surface mount, incl. pre-machined mounting points
UM2	Unistrut mount, includes (2) points of mounting, suitable for mounting to single strut.
UM4	Unistrut mount, includes (4) points of mounting, suitable for mounting to (2) struts.
YK	Yoke mount, adjustable trunnion, standard powder coat silver (Not suitable for WET locations)

- Mounting via Aircraft Cable suitable for Static Loads only. If fixtures are subject to movement or mounting substrate is prone to instability, rigid mounting is required. Suitable mounting styles include: MH1, MH2, MH1S, MH2S, SM, SMH, UM2, UM4, AND YOKE (YK).
- For MH mounting options with cord, cord installed in fixture endcap. Alternate cord placement available, contact Factory.
- For MH mounting options, not all fixtures are balanced, contact Factory for swivel-mounting options.
- Some mounting options may require specific channel access.
- Additional cable lengths available, consult Factory.

Finish

(leave blank)	Standard natatorium-grade bright dip anodized aluminum and green hanging brackets, shown on specification sheet
M	Silver stainless-steel hanging brackets (no green). Standard bright dip anodized aluminum body
PC	Custom color by powdercoat. Must specify RAL number and components to be finished
BLKG	Glossy black finish on all components
BLKM	Matte black finish on all components
AND	Anodize color finish, available on 2' fixtures only, consult Factory

Custom color anodized aluminum available in 2' configurations, consult Factory.
Nonstandard fixture finishes may reduce delivered lumens, consult Factory for details.

Controls

OC	Integral on/off occupancy sensor (120-277V)
DO	Integral high/low/off occupancy and daylight harvesting sensor (120-277V)
OCKH	High voltage (347/480V) knockout-mounted on/off occupancy sensor, **not installed**
DOKH	High voltage (347/480V) knockout-mounted high/low/off occupancy and daylight harvesting sensor, **not installed**
Wireless Controls	Multiple wireless control systems available. Contact Factory for options and details

LUX is controls-agnostic and can use most requested control systems

Application **(Select all that apply)**

GEN	General applications *(Not rated for WET, NSF, or high abuse environments)*
WET	Wet location *(Includes conformal coated LED modules, HO5)*
COR*	Caustic/natatorium environments *(Includes conformal coated LED modules, HO5)*
NSF	EPH rated for food-safe applications
TC	Tennis court *(Polycarbonate lensing recommended)*
MFG	Manufacturing or industrial
WHS	Warehousing or storage
HNG	Hangar
GYM	Gymnasium or sports court *(Polycarbonate lensing required)*
AFH	Arena or fieldhouse *(Polycarbonate lensing recommended)*
ARCH	Architectural *(White lensing recommended)*
ICE	Ice rink *(Polycarbonate lensing recommended)*
GAR	Garage or canopy
FRZ	Freezer or cold storage
HT	High temp, 55°C/131°F or higher *(E-Series recommended)*
BABA	Build America Buy America (BABA) Compliant *(Not all configurations meet BABA, consult Factory)*

*COR application not suitable for all caustic environments, consult Factory
Lensing and Bottom Access required for WET, COR, and EPH/NSF applications
Consult Factory for cost adders for WET, COR and EPH/NSF applications

2' Performance - Wide Distribution

(Data Based on 5000K and 80CRI - Static White ONLY)

No Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-2-XXX	12,522	78	161
	L-2-18lm-XX-850-2-XXX	19,190	116	166
	L-2-XX-850-2-XXX	24,864	154	162
	L-3-30lm-XX-850-2-XXX	32,750	201	163
	L-3-XX-850-2-XXX	36,768	233	158
	L-4-XX-850-2-XXX	49,272	309	159
	L-5-XX-850-2-XXX	61,393	388	158
	L-6-XX-850-2-XXX	74,216	465	160
	L-7-XX-850-2-XXX	86,766	544	159
	L-8-XX-850-2-XXX	99,654	618	161

CA (Clear Acrylic) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-2-XXX-CA	12,005	78	154
	L-2-18lm-XX-850-2-XXX-CA	18,397	116	159
	L-2-XX-850-2-XXX-CA	23,837	154	155
	L-3-30lm-XX-850-2-XXX-CA	31,397	201	156
	L-3-XX-850-2-XXX-CA	35,249	233	151
	L-4-XX-850-2-XXX-CA	47,237	309	153
	L-5-XX-850-2-XXX-CA	58,857	388	152
	L-6-XX-850-2-XXX-CA	71,151	465	153
	L-7-XX-850-2-XXX-CA	83,182	544	153
	L-8-XX-850-2-XXX-CA	95,538	618	155

CP (Clear Polycarbonate) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-2-XXX-CP	11,080	78	142
	L-2-18lm-XX-850-2-XXX-CP	16,979	116	146
	L-2-XX-850-2-XXX-CP	22,000	154	143
	L-3-30lm-XX-850-2-XXX-CP	28,977	201	144
	L-3-XX-850-2-XXX-CP	32,533	233	140
	L-4-XX-850-2-XXX-CP	43,597	309	141
	L-5-XX-850-2-XXX-CP	54,321	388	140
	L-6-XX-850-2-XXX-CP	65,668	465	141
	L-7-XX-850-2-XXX-CP	76,772	544	141
	L-8-XX-850-2-XXX-CP	88,176	618	143

WA (White Acrylic) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-2-XXX-WA	11,008	78	141
	L-2-18lm-XX-850-2-XXX-WA	16,869	116	146
	L-2-XX-850-2-XXX-WA	21,858	154	142
	L-3-30lm-XX-850-2-XXX-WA	28,790	201	143
	L-3-XX-850-2-XXX-WA	32,322	233	139
	L-4-XX-850-2-XXX-WA	43,314	309	140
	L-5-XX-850-2-XXX-WA	53,970	388	139
	L-6-XX-850-2-XXX-WA	65,243	465	140
	L-7-XX-850-2-XXX-WA	76,275	544	140
	L-8-XX-850-2-XXX-WA	87,605	618	142

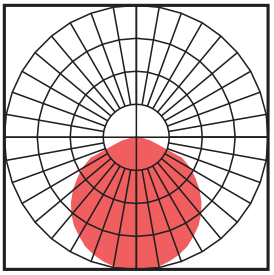
WP (White Polycarbonate) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-2-XXX-WP	8,673	78	111
	L-2-18lm-XX-850-2-XXX-WP	13,291	116	115
	L-2-XX-850-2-XXX-WP	17,222	154	112
	L-3-30lm-XX-850-2-XXX-WP	22,684	201	113
	L-3-XX-850-2-XXX-WP	25,467	233	109
	L-4-XX-850-2-XXX-WP	34,128	309	110
	L-5-XX-850-2-XXX-WP	42,523	388	110
	L-6-XX-850-2-XXX-WP	51,405	465	111
	L-7-XX-850-2-XXX-WP	60,097	544	110
	L-8-XX-850-2-XXX-WP	69,024	618	112

Custom lumen/wattage output available with CFO option specified. Consult Factory.

Optical Distribution Variations

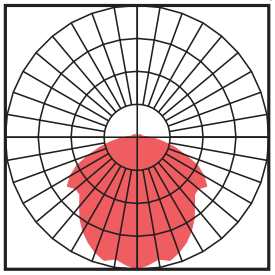
NL (No Lens)

standard 120° distribution achieved when using bare LEDs with no secondary optics
Includes 0% uplight component



Lensed (CA,CP, WA, or WP)

wide/diffused optic achieved using any of our standard lenses
Clear lens includes minimum 3.4% uplight
White lens includes minimum 10% uplight



Lumen Multipliers

Lens	
Standard = CA Lens	
NL	104.3%
CA (nominal)	100.0%
CP	92.3%
WA	91.7%
WP	72.2%

CCT	
Standard = 5000K CCT	
6500K	97.1%
5700K	98.4%
5000K (nominal)	100.0%
4000K	100.0%
3500K	97.1%
3000K	93.2%
2700K	90.6%

CRI	
Standard = 80 CRI	
80 CRI (nominal)	100.0%
90 CRI	
6500K (90 CRI)	83.4%
5700K (90 CRI)	83.7%
5000K (90 CRI)	83.7%
4000K (90 CRI)	83.7%
3500K (90 CRI)	82.2%
3000K (CRI 90)	79.8%
2700K (CRI 90)	75.9%

Emergency Battery Performance

(Data Based on 5000K, 80CRI and CA Lens)

Integral EM Options

E10 (10 Watt EM)	
Lens Option	Delivered Lumens
NL	1,855
CA	1,778
CP	1,641
WA	1,630
WP	1,285

E15 (15 Watt EM)	
Lens Option	Delivered Lumens
NL	2,774
CA	2,659
CP	2,454
WA	2,438
WP	1,921

E20 (20 Watt EM)	
Lens Option	Delivered Lumens
NL	3,709
CA	3,556
CP	3,282
WA	3,261
WP	2,569

Field-Installable (Non-Integral) EM Options

E30 (30 Watt EM)	
Lens Option	Delivered Lumens
NL	5,547
CA	5,318
CP	4,908
WA	4,876
WP	3,842

4' Performance - Wide Distribution

(Data Based on 5000K and 80CRI - Static White ONLY)

No Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX	25,044	156	161
	L-2-36lm-XX-850-4-XXX	38,379	232	166
	L-2-XX-850-4-XXX	49,728	307	162
	L-3-XX-850-4-XXX	73,535	466	158
	L-4-XX-850-4-XXX	98,544	619	159
	L-5-XX-850-4-XXX	122,786	776	158
	L-6-XX-850-4-XXX	148,433	930	160
	L-7-XX-850-4-XXX	173,532	1,089	159
	L-8-XX-850-4-XXX	199,308	1,236	161

CA (Clear Acrylic) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX-CA	24,010	156	154
	L-2-36lm-XX-850-4-XXX-CA	36,794	232	159
	L-2-XX-850-4-XXX-CA	47,674	307	155
	L-3-XX-850-4-XXX-CA	70,498	466	151
	L-4-XX-850-4-XXX-CA	94,474	619	153
	L-5-XX-850-4-XXX-CA	117,714	776	152
	L-6-XX-850-4-XXX-CA	142,302	930	153
	L-7-XX-850-4-XXX-CA	166,364	1,089	153
	L-8-XX-850-4-XXX-CA	191,076	1,236	155

CP (Clear Polycarbonate) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX-CP	22,160	156	142
	L-2-36lm-XX-850-4-XXX-CP	33,959	232	146
	L-2-XX-850-4-XXX-CP	44,000	307	143
	L-3-XX-850-4-XXX-CP	65,065	466	140
	L-4-XX-850-4-XXX-CP	87,194	619	141
	L-5-XX-850-4-XXX-CP	108,643	776	140
	L-6-XX-850-4-XXX-CP	131,336	930	141
	L-7-XX-850-4-XXX-CP	153,544	1,089	141
	L-8-XX-850-4-XXX-CP	176,351	1,236	143

WA (White Acrylic) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX-WA	22,016	156	141
	L-2-36lm-XX-850-4-XXX-WA	33,739	232	146
	L-2-XX-850-4-XXX-WA	43,715	307	142
	L-3-XX-850-4-XXX-WA	64,644	466	139
	L-4-XX-850-4-XXX-WA	86,629	619	140
	L-5-XX-850-4-XXX-WA	107,939	776	139
	L-6-XX-850-4-XXX-WA	130,485	930	140
	L-7-XX-850-4-XXX-WA	152,549	1,089	140
	L-8-XX-850-4-XXX-WA	175,209	1,236	142

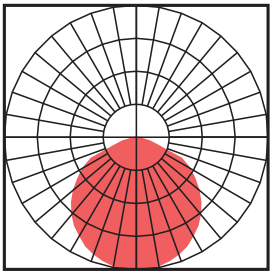
WP (White Polycarbonate) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX-WP	17,347	156	111
	L-2-36lm-XX-850-4-XXX-WP	26,583	232	115
	L-2-XX-850-4-XXX-WP	34,444	307	112
	L-3-XX-850-4-XXX-WP	50,933	466	109
	L-4-XX-850-4-XXX-WP	68,256	619	110
	L-5-XX-850-4-XXX-WP	85,046	776	110
	L-6-XX-850-4-XXX-WP	102,810	930	111
	L-7-XX-850-4-XXX-WP	120,195	1,089	110
	L-8-XX-850-4-XXX-WP	138,049	1,236	112

Custom lumen/wattage output available with CFO option specified. Consult Factory.

Optical Distribution Variations

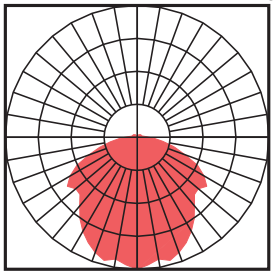
NL (No Lens)

standard 120° distribution achieved when using bare LEDs with no secondary optics
Includes 0% uplight component



Lensed (CA,CP, WA, or WP)

wide/diffused optic achieved using any of our standard lenses
Clear lens includes minimum 3.4% uplight
White lens includes minimum 10% uplight



Lumen Multipliers

Lens	
Standard = CA Lens	
NL	104.3%
CA (nominal)	100.0%
CP	92.3%
WA	91.7%
WP	72.2%

CCT	
Standard = 5000K CCT	
6500K	97.1%
5700K	98.4%
5000K (nominal)	100.0%
4000K	100.0%
3500K	97.1%
3000K	93.2%
2700K	90.6%

CRI	
Standard = 80 CRI	
80 CRI (nominal)	100.0%
90 CRI	
6500K (90 CRI)	83.4%
5700K (90 CRI)	83.7%
5000K (90 CRI)	83.7%
4000K (90 CRI)	83.7%
3500K (90 CRI)	82.2%
3000K (CRI 90)	79.8%
2700K (CRI 90)	75.9%

Emergency Battery Performance

(Data Based on 5000K, 80CRI and CA Lens)

Integral EM Options

E10 (10 Watt EM)	
Lens Option	Delivered Lumens
NL	1,855
CA	1,778
CP	1,641
WA	1,630
WP	1,285

E15 (15 Watt EM)	
Lens Option	Delivered Lumens
NL	2,774
CA	2,659
CP	2,454
WA	2,438
WP	1,921

E20 (20 Watt EM)	
Lens Option	Delivered Lumens
NL	3,709
CA	3,556
CP	3,282
WA	3,261
WP	2,569

Field-Installable (Non-Integral) EM Options

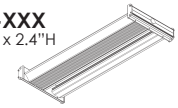
E30 (30 Watt EM)	
Lens Option	Delivered Lumens
NL	5,547
CA	5,318
CP	4,908
WA	4,876
WP	3,842

2' Length
Wide Distribution ONLY

Standard Configurations

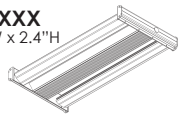
Part #
L-1-SA-XXX-2-XXX
- 24.75"L x 9.18"W x 2.4"H
- Weight: 5 LBS

1 Bar
1 Channel



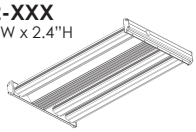
Part #
L-2-SA-XXX-2-XXX
- 24.75"L x 12.18"W x 2.4"H
- Weight: 7 LBS

2 Bar
1 Channel



Part #
L-3-SA-XXX-2-XXX
- 24.75"L x 15.18"W x 2.4"H
- Weight: 9 LBS

3 Bar
1 Channel



Part #
L-4-SA-XXX-2-XXX
- 24.75"L x 18.18"W x 2.4"H
- Weight: 11 LBS

4 Bar
1 Channel

Part #
L-5-DA-XXX-2-XXX
- 24.75"L x 27.18"W x 2.4"H
- Weight: 16 LBS

5 Bar
2 Channel

Part #
L-6-DA-XXX-2-XXX
- 24.75"L x 30.18"W x 2.4"H
- Weight: 18 LBS

6 Bar
2 Channel

Part #
L-7-TA-XXX-2-XXX
- 24.75"L x 39.18"W x 2.4"H
- Weight: 23 LBS

7 Bar
3 Channel

Part #
L-8-TA-XXX-2-XXX
- 24.75"L x 42.18"W x 2.4"H
- Weight: 25 LBS

8 Bar
3 Channel

Other Common Configurations

Part #
L-1-SB-XXX-2-XXX
- 24.75"L x 2.4"W x 9.18"H
- Weight: 5 LBS

1 Bar
1 Channel

Part #
L-2-DA-XXX-2-XXX
- 24.75"L x 18.18"W x 2.4"H
- Weight: 10 LBS

2 Bar
2 Channel

Part #
L-3-DA-XXX-2-XXX
- 24.75"L x 21.18"W x 2.4"H
- Weight: 12 LBS

3 Bar
2 Channel

Part #
L-4-DA-XXX-2-XXX
- 24.75"L x 24.18"W x 2.4"H
- Weight: 14 LBS

4 Bar
2 Channel

Part #
L-6-TA-XXX-2-XXX
- 24.75"L x 36.18"W x 2.4"H
- Weight: 21 LBS

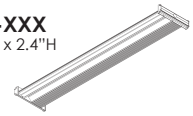
6 Bar
3 Channel

4' Length
Wide Distribution ONLY

Standard Configurations

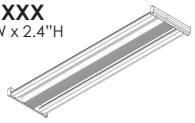
Part #
L-1-SA-XXX-4-XXX
- 47.81"L x 9.18"W x 2.4"H
- Weight: 10 LBS

1 Bar
1 Channel



Part #
L-2-SA-XXX-4-XXX
- 47.81"L x 12.18"W x 2.4"H
- Weight: 14 LBS

2 Bar
1 Channel



Part #
L-3-SA-XXX-4-XXX
- 47.81"L x 15.18"W x 2.4"H
- Weight: 18 LBS

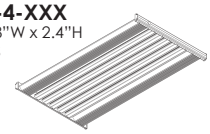
3 Bar
1 Channel

Part #
L-4-SA-XXX-4-XXX
- 47.81"L x 18.18"W x 2.4"H
- Weight: 22 LBS

4 Bar
1 Channel

Part #
L-5-DA-XXX-4-XXX
- 47.81"L x 27.18"W x 2.4"H
- Weight: 32 LBS

5 Bar
2 Channel

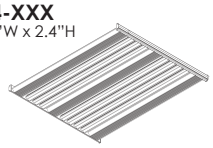


Part #
L-6-DA-XXX-4-XXX
- 47.81"L x 30.18"W x 2.4"H
- Weight: 34 LBS

6 Bar
2 Channel

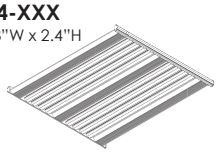
Part #
L-7-TA-XXX-4-XXX
- 47.81"L x 39.18"W x 2.4"H
- Weight: 44 LBS

7 Bar
3 Channel



Part #
L-8-TA-XXX-4-XXX
- 47.81"L x 42.18"W x 2.4"H
- Weight: 48 LBS

8 Bar
3 Channel



Other Common Configurations

Part #
L-1-SB-XXX-4-XXX
- 47.81"L x 2.4"W x 9.18"H
- Weight: 10 LBS

1 Bar
1 Channel

Part #
L-2-DA-XXX-4-XXX
- 47.81"L x 18.18"W x 2.4"H
- Weight: 20 LBS

2 Bar
2 Channel

Part #
L-3-DA-XXX-4-XXX
- 47.81"L x 21.18"W x 2.4"H
- Weight: 24 LBS

3 Bar
2 Channel

Part #
L-4-DA-XXX-4-XXX
- 47.81"L x 24.18"W x 2.4"H
- Weight: 28 LBS

4 Bar
2 Channel

Part #
L-6-TA-XXX-4-XXX
- 47.81"L x 36.18"W x 2.4"H
- Weight: 40 LBS

6 Bar
3 Channel

2' Performance - Narrow Optic (NO1) ONLY Offered with 840 and 850 Options

(Data Based on 5000K and 80CRI - Static White ONLY)

Injection-Molded Narrow Optic				
Delivered Lumens @ 5000K, 80 CRI, High Lumen	Model	Delivered Lumens	Wattage	Efficacy
	L-1-XX-850-2-XXX-N	11,530	77	150
	L-2-XX-850-2-XXX-N	23,060	154	150
	L-3-XX-850-2-XXX-N	34,591	231	150

Injection-Molded Narrow Optic				
Delivered Lumens @ 4000K, 80 CRI, High Lumen	Model	Delivered Lumens	Wattage	Efficacy
	L-1-XX-840-2-XXX-N	11,530	77	150
	L-2-XX-840-2-XXX-N	23,060	154	150
	L-3-XX-840-2-XXX-N	34,591	231	150

4' Performance - Narrow Optic (NO1) ONLY Offered with 840 and 850 Options

(Data Based on 5000K and 80CRI - Static White ONLY)

Injection-Molded Narrow Optic				
Delivered Lumens @ 5000K, 80 CRI, High Lumen	Model	Delivered Lumens	Wattage	Efficacy
	L-1-XX-850-4-XXX-N	23,060	154	150
	L-2-XX-850-4-XXX-N	46,121	307	150
	L-3-XX-850-4-XXX-N	69,181	461	150

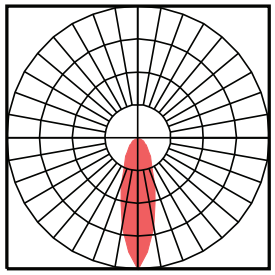
Injection-Molded Narrow Optic				
Delivered Lumens @ 4000K, 80 CRI, High Lumen	Model	Delivered Lumens	Wattage	Efficacy
	L-1-XX-840-4-XXX-N	23,060	154	150
	L-2-XX-840-4-XXX-N	46,121	307	150
	L-3-XX-840-4-XXX-N	69,181	461	150

Custom lumen/wattage output available with CFO option specified. Consult Factory.

Optical Distribution

NRW Optic

Narrow optic achieved using a molded-acrylic, prismatic optic. Includes approximately 0% uplight.



Emergency Battery Performance

(Data Based on 5000K and 80CRI)

Integral EM Options

E10 (10 Watt EM)	
Lens Option	Delivered Lumens
N	1,577

E15 (15 Watt EM)	
Lens Option	Delivered Lumens
N	2,358

E20 (20 Watt EM)	
Lens Option	Delivered Lumens
N	3,153

Field-Installable (Non-Integral) EM Options

E30 (30 Watt EM)	
Lens Option	Delivered Lumens
N	4,716

Lumen Multipliers

CCT	
Standard = 5000K CCT	
5000K (nominal)	100.0%
4000K	100.0%

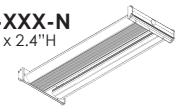
CRI	
Standard = 80 CRI	
80 CRI (nominal)	100.0%

2' Length Narrow Distribution

Standard Configurations

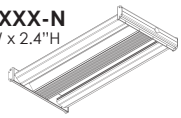
Part #
L-1-SA-XXX-2-XXX-N
- 24.14"L x 9.18"W x 2.4"H
- Weight: 5 LBS

1 Bar
1 Channel



Part #
L-2-SA-XXX-2-XXX-N
- 24.14"L x 12.18"W x 2.4"H
- Weight: 7 LBS

2 Bar
1 Channel



Part #
L-3-SA-XXX-2-XXX-N
- 24.14"L x 15.18"W x 2.4"H
- Weight: 9 LBS

3 Bar
1 Channel

Other Common Configurations

Part #
L-1-SB-XXX-2-XXX-N
- 24.14"L x 2.4"W x 9.18"H
- Weight: 5 LBS

1 Bar
1 Channel

Part #
L-2-DA-XXX-2-XXX-N
- 24.14"L x 18.18"W x 2.4"H
- Weight: 10 LBS

2 Bar
2 Channel

Part #
L-3-DA-XXX-2-XXX-N
- 24.14"L x 21.18"W x 2.4"H
- Weight: 12 LBS

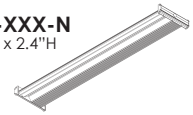
3 Bar
2 Channel

4' Length Narrow Distribution

Standard Configurations

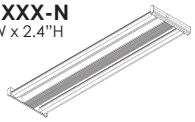
Part #
L-1-SA-XXX-4-XXX-N
- 47.20"L x 9.18"W x 2.4"H
- Weight: 10 LBS

1 Bar
1 Channel



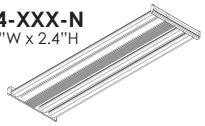
Part #
L-2-SA-XXX-4-XXX-N
- 47.20"L x 12.18"W x 2.4"H
- Weight: 14 LBS

2 Bar
1 Channel



Part #
L-3-SA-XXX-4-XXX-N
- 47.20"L x 15.18"W x 2.4"H
- Weight: 18 LBS

3 Bar
1 Channel



Other Common Configurations

Part #
L-1-SB-XXX-4-XXX-N
- 47.20"L x 2.4"W x 9.18"H
- Weight: 10 LBS

1 Bar
1 Channel

Part #
L-2-DA-XXX-4-XXX-N
- 47.20"L x 18.18"W x 2.4"H
- Weight: 20 LBS

2 Bar
2 Channel

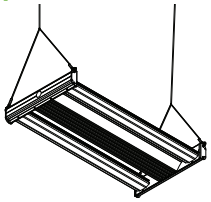
Part #
L-3-DA-XXX-4-XXX-N
- 47.20"L x 21.18"W x 2.4"H
- Weight: 24 LBS

3 Bar
2 Channel

Mounting Options

Cable Mount

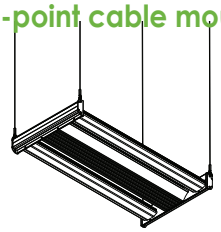
2-point Y-cable mount



Part Numbers:
10Y, 20Y, 30Y

Description:
- "10", "20", "30" represents length in feet
- Galvanized steel cable and hook
- Some configurations may be unbalanced, 4-point hanger recommended for unbalanced fixtures, contact Factory for more information

4-point cable mount

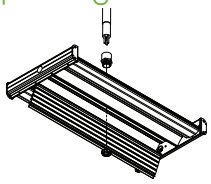


Part Numbers:
4P10, 4P20
4P10S, 4P20S

Description:
- "10", "20", "30" represents length in feet
- "S" in part number denotes natatorium-grade 316 stainless steel, recommended for natatoriums and other caustic environments

Stem Mount

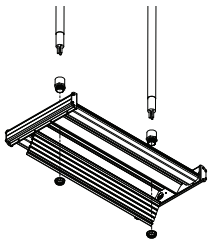
1-point rigid stem mount



Part Numbers:
MH1
MH1S

Description:
- 3/4" IP threaded hub to mount to 3/4" conduit or stem (other hub diameters available, contact factory for options)
- Galvanized steel is standard, for stainless steel use "s" in part number
- Stem/threaded rod not provided
- Not available on all models and options
- Cord installed through fixture end cap when ordered with stem mount option
- Cord NOT installed when power feed is routed through stem

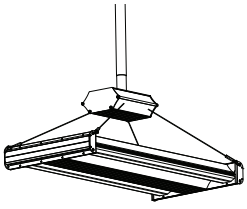
2-point rigid stem mount



Part Numbers:
MH2
MH2S

Description:
- 3/4" IP threaded hub to mount to 3/4" conduit or stem (other hub diameters available, contact factory for options)
- Galvanized steel is standard, for stainless steel use "s" in part number
- Stem/threaded rod not provided
- Not available on all models and options
- Cord installed through fixture end cap when ordered with stem mount option
- Cord NOT installed when power feed is routed through stem

Threaded junction box for single point mount



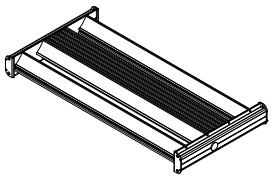
Part Number for 3' Cable Lengths:
SPM3'

Part Number for 5' Cable Lengths:
SPM5'

Description:
- 3/4" IP threaded hub attached to 3" x 6" x 6" junction box with (4) fixed-length cables (3' and 5') for fixture mounting
- Power cord ordered separately

Surface Mount

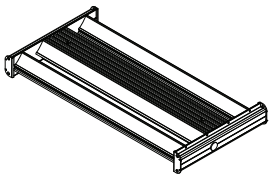
Surface mounting (no additional hardware or mounting holes supplied)



Part Number:
SM

Description:
- Fixture may be anchored flush to any suitable substrate through electronics channel
- No additional hanging hardware provided

Surface mount - 3/8" mounting holes supplied

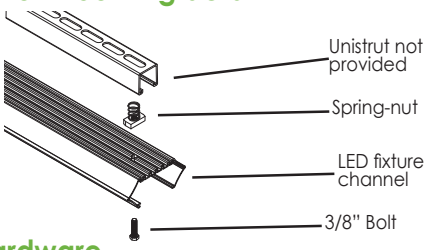


Part Number:
SMH

Description:
- Fixture may be anchored to any suitable substrate through electronics channel
- (2) 3/8" mounting holes provided per electronics channel, centered 1.50" from the end of the aluminum extrusion

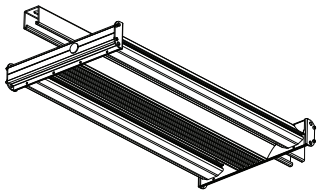
Unistrut Mount

Unistrut mounting detail



2-point Unistrut hardware

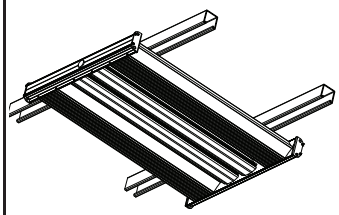
Part Number: **UM2**



Description:
- Unistrut hardware includes (2) sets of 3/8" diameter spring-nuts, bolts, mounting holes provided
- (2) 3/8" mounting holes provided per electronics channel, centered 1.50" from the end of the aluminum extrusion

4-point Unistrut hardware

Part Number: **UM4**

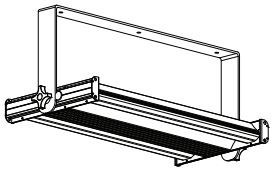


Description:
- Unistrut hardware includes (4) sets of 3/8" diameter spring-nuts, bolts, mounting holes provided
- (4) 3/8" mounting holes provided per electronics channel, centered 1.50" from the end of the aluminum extrusion

Yoke Mount

Yoke Mount

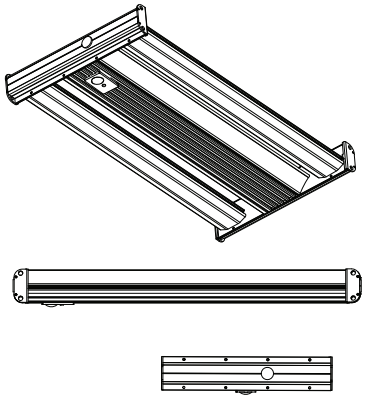
Part Number:
YKx ("x" to change based on fixture)



Description:
- Adjustable or static yoke mounts allows for ceiling or wall mounting, contact Factory
- Power cord ordered separately
- Yoke mount is installed on the fixture before shipping
- Hardware to secure mount to structural surface NOT provided
- Not suitable for WET locations

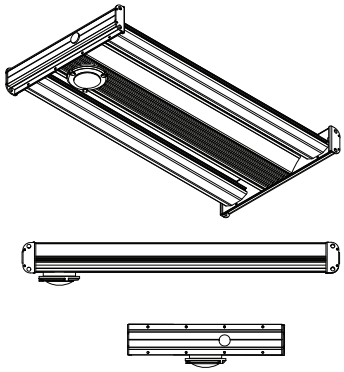
120-277V Sensors

OC



OC	
120V-277V Occupancy Sensor (On/Off)	
Control Type	Occupancy-PIR (line voltage)
Ambient Temperature	0°C to 55°C
Mounting Height	15' to 40'
Coverage Area	Suggested: 1 to 1 spacing to mounting height ratio

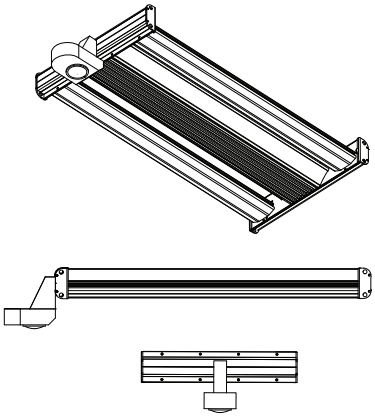
DO



DO	
120V-277V Daylight Harvesting and Occupancy Sensor (On/Off and 0-10V Dimming)	
Control Type	Occupancy-PIR (line voltage & 0-10V) DLH-Photocell (line voltage & 0-10V)
Ambient Temperature	-40°C to 70°C
Mounting Height	8' to 40'
Coverage Area	100' diameter (@ 40' Mounting Height)

347-480V Sensor

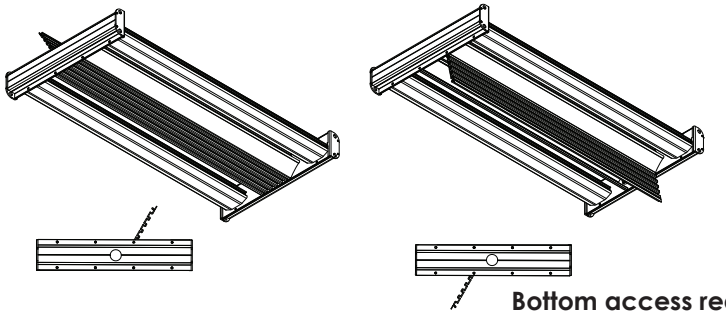
OCKH/DOKH



OCKH	
347V-480V Occupancy Sensor (On/Off)	
Control Type	Occupancy-PIR (line voltage & 0-10V)
Ambient Temperature	-10°C to 60°C
Mounting Height	15' to 45'
Coverage Area	15' to 20' radial coverage (30'-40' diameter) typical

DOKH	
347V-480V Daylight Harvesting and Occupancy Sensor (On/Off and 0-10V Dimming)	
Control Type	Occupancy-PIR (line voltage & 0-10V) DLH-Photocell (line voltage & 0-10V)
Ambient Temperature	-10°C to 60°C
Mounting Height	15' to 45'
Coverage Area	15' to 20' radial coverage (30'-40' diameter) typical

Electronics Channel Access

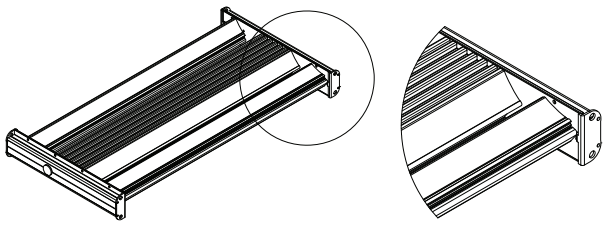


Top Access: Channels open from above the fixture. The driver chamber can be accessed as if it were sitting on a table.
To specify "Top Access", use part number:
"T"

Bottom Access: Channels open from below the fixture. The driver chamber is accessed from above the installer.
To specify "Bottom Access", use part number:
"B"

Bottom access required for wet location

Independently Rotatable LED Bars



Rotatable Bars: Each LED bar can be rotated independently in manufacturing process or in the field. Contact factory for more options.

To specify "Rotatable Bars", add part number:
"R"

Fixed BARs required for gym and high abuse environments