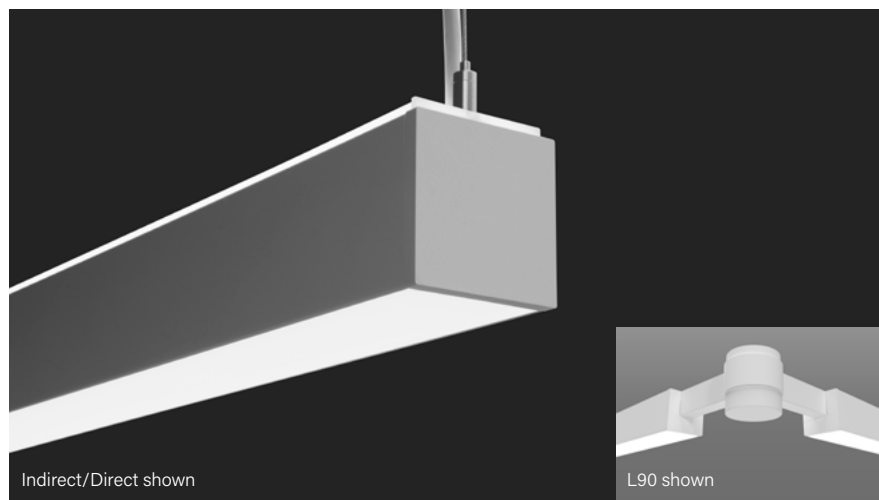


Submitted by:		Date:
Type:	Project:	
Ordering Info:		

HPX Product Family - Pendant & Surface Mount



The High Performance 2.5" Aperture (HPX) is a patented LED linear luminaire with a square micro profile and internal driver design. This line of light luminaire delivers excellent performance, and is equipped with a unique LED configuration for superior illumination. Output can be enhanced with advanced optical options. Available in Pendant and Surface Mount, HPX can be tailored from 2' to 12' sections in 1' increments. HPX Pendants includes Knuckle options to create unique geometric shapes.

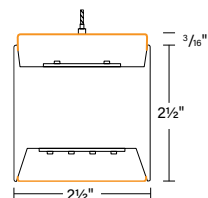
This product is enrolled in the International Living Future Institute (ILFI) Declare 2.0 Program and is third-party verified with options achieving **Red List Approved** and **Red List Declared** status.

Signal White is standard finish

CROSS SECTIONS

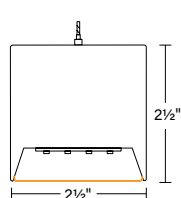
Indirect/Direct

Top Glow Diffuser
(standard)



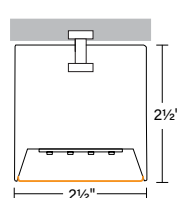
Flush Downlight Diffuser
(standard)

Direct



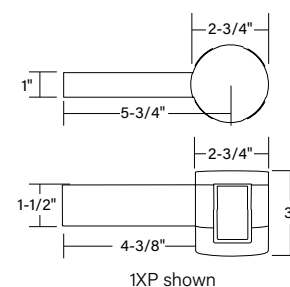
Flush Downlight Diffuser
(standard)

Surface Mount

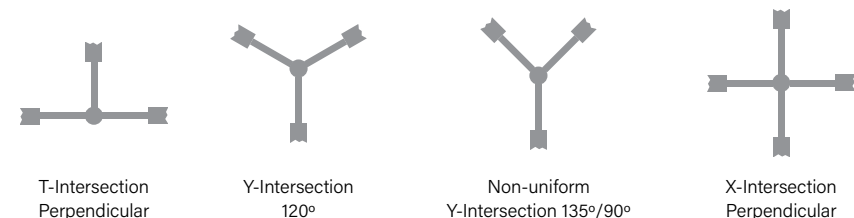
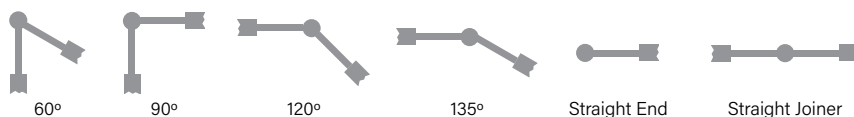


Flush Downlight Diffuser
(standard)

Knuckle



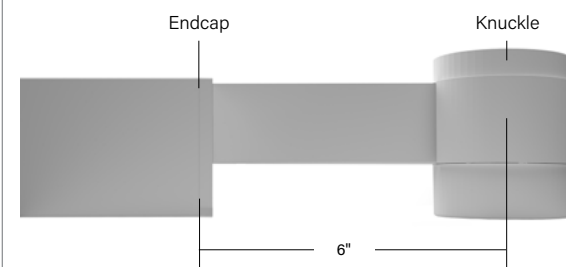
STANDARD KNUCKLES *



* Each arm field adjustable 10° in either direction for 20° total range of motion.

KNUCKLES WITH ENDCAP

Add 1/4" Endcap to measurement from center of Knuckle to luminaire.



Declare.



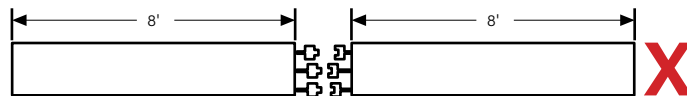
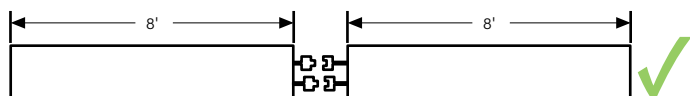
Submitted by:		Date:
Type:	Project:	
Ordering Info:		

HPX Product Family - Pendant & Surface Mount

BASIC RULES BEFORE ORDERING HPX LUMINAIRE

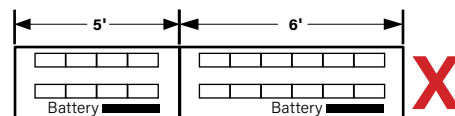
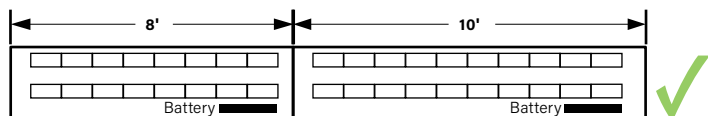
Max 2 Harnesses Plugs at Joint

HPX can have a maximum of two wiring harnesses at a joint.



Battery Allowed in 8ft. or Longer

Due to space limitations, batteries are only allowed in 8ft. or longer for HPX Indirect/Direct or Direct luminaires.

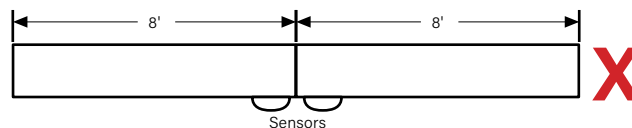
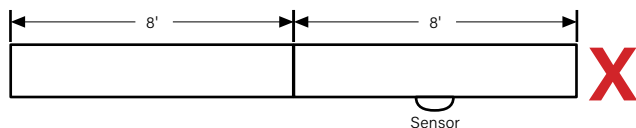


Battery + Sensor Fit

NO sensor in center of luminaire section.

NO two sensor or one sensor and one test button at joint.

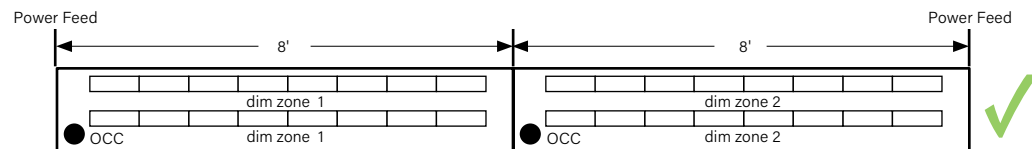
NO battery packs in the same section as a sensor.



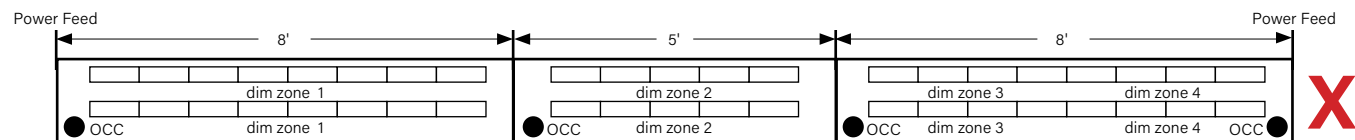
Sensor and Zone Combo

Sensor, Zone, and EM Combo

Contact factory for separate switch/dim zone capabilities - zones must align with standard driver wiring diagrams and plug-together wiring restrictions.



One feed for multiple sensor and One feed per dimming zone.

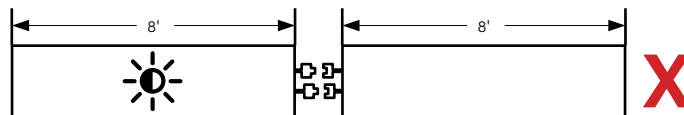
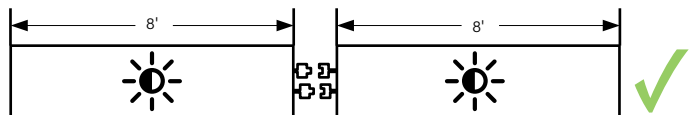


No LED harness from joiner to starter and there is no space for extra driver. Only one feed per dimming zone.

Tunable White with Zone or Multi and Dual Circuit

Each Starter and Joiner must have its own dimming zone.

It is not possible to extend the dimming zone from the Starter to the Joiner.



Submitted by:		Date:
Type:	Project:	
Ordering Info:		

HPX Product Family - Pendant & Surface Mount

BODY TYPE

Platform	Series Name	Luminaire Type	Luminaire Distribution	Total Run Length
HP - High Performance	X - 2.5" Square	P - Pendant SM - Surface Mount P-GR - Pendant with Groove Body SM-GR - Surface Mount with Groove Body See page 4 for description of Groove Body	D - Direct ID - Indirect/Direct Indirect/Direct only available for Pendant (P) option	Minimum 2' section length. Increments of 1'; 12' maximum section length 3' Minimum length for dual circuit applications. Select Knuckle (Pendant Only) Leave length section blank and use "Standard Configuration" to specify size and shape. Total length to be calculated by factory.

OUTPUT and LED TYPE

MECHANICAL/OPTICAL OPTIONS

Uplight Output ID Only	Downlight Output	LED CRI/CCT ¹	Uplight Option ID Only	Downlight Option
S - Standard (422 lm/ft) B - Boosted (531 lm/ft) H - High (803 lm/ft) V - Very High (1032 lm/ft) TL - Tailored: _____ lm/ft *	S - Standard (411 lm/ft) B - Boosted (516 lm/ft) H - High (780 lm/ft) V - Very High (1003 lm/ft) TL - Tailored: _____ lm/ft *	830 - 80 CRI min, 3000K 835 - 80 CRI min, 3500K 840 - 80 CRI min, 4000K 930 - 90 CRI min, 3000K 935 - 90 CRI min, 3500K 940 - 90 CRI min, 4000K 8TW - 80 CRI min, Tunable White 9TW - 90 CRI min, Tunable White	TG - Top Glow (Standard) F - Flush Diffuser WSO - Widespread Optic WSOTG - Widespread Optic with Top Glow ASYTG-L - Asymmetric Left Optic with Top Glow ASYTG-R - Asymmetric Right Optic with Top Glow	F - Flush
* Specify lm/ft of outputs between Standard (S) and Very High (V). Consult factory for tailored lumen output outside of this range.				

ELECTRICAL OPTIONS

Voltage	Circuiting ²	Driver Selection ³
120 - 120 Voltage 277 - 277 Voltage 347 - 347 Voltage (OTi only) 347 Voltage not available for Knuckle options.	SC - Single Circuit* One single circuit in a run DC - Dual Circuit* Independent control of up and down separately in an I/D style luminaire MC - Multi Circuit* More than one switch leg or zone (not "DC" independent control of up and down separately for an I/D style luminaire). Factory shop drawings required *Battery, Night Light, and Emergency to Generator circuits are in addition to the normal luminaire circuit(s)	0-10V Driver Options FC-10% - 0-10V 10% (standard) FC-1% - 0-10V 1% OTi-10% - EldoLED OTi, 0-10V 10% ⁴ OT-1% - EldoLED OTi, 0-10V 1% ⁴ ELD-10V-0% - EldoLED SOLOdrive, 0-10V 0.1% 10V-TW-10% - EldoLED OTi, 0-10V 10% (Tunable White) ⁴ DALI Driver Options FC-DALI-1% - DALI 1% DXL-DALI-1% - EldoLED Dexal, 1% ELD-DALI-0% - EldoLED SOLOdrive, DALI 0.1% ELD-DALI-TW - EldoLED Dual Drive Light Shape, 1% (Tunable White) DMX Driver Options DMX - EldoLED POWERdrive, 0.1% DMX-TW - EldoLED POWERdrive, 0.1% (Tunable White) Lutron Driver Options LUT-ES1 - Lutron, Ecosystem 1% LUT-TW - Lutron LD2 Dali-2 1% (Tunable White) See Page 3 for additional driver options and details

MOUNTING OPTIONS

OTHER OPTIONS

Mounting Method	Ceiling Hardware Type	Endcap Style	Emergency Style (Optional) See page 5 Backup Battery table	Integrated Sensor (Optional) ¹⁰
FA50 - Fully Adjustable 50" FA100 - Fully Adjustable 100" FA150 - Fully Adjustable 150" FA200 - Fully Adjustable 200" FA250 - Fully Adjustable 250" FA300 - Fully Adjustable 300" FM - Flexible Mounting ⁵	C1 - 15/16" T-Bar ⁶ C2 - 9/16" T-Bar ⁶ C3 - Screw Slot ⁶ C4 - Hard Ceiling C1T - 15/16" Tegular ⁶ C2T - 9/16" Tegular ⁶ SMC4 - Surface Mount Hard Ceiling (Only available for HPX-SM)	FE - Flat Endcap Finish SW - Signal White FB - Finelite Black SA - Satin Aluminum #### - RAL Color Code ⁷	LGD18W - Legrand 18W Brand Battery Back-up ⁸ LGD10W - Legrand 10W Brand Battery Back-up EM/GEN - Emergency to Generator NL - Night Light BSL310LP - Bodine Battery Back up Low Profile ⁹ GTD - Generator Transfer Device ALCR - Automatic Load Control Relay	OBO - Occupancy OBD - Daylight W601 - Wattstopper Sensor ¹¹ OBE - Enlighted Sensor ¹² REE - Remote Enlighted ¹³ CLM-99 - Encelium RF SLM-99 - Encelium Sensor AOCC-W - Lutron Athena Sensor ¹⁴ (Device Color White) AOCC-B - Lutron Athena Sensor ¹⁴ (Device Color Black) ARF-W - Lutron Athena RF ¹⁴ (Device Color White) ARF-B - Lutron Athena RF ¹⁴ (Device Color Black) VOCC - Lutron Vive Sensor ¹⁵ VRF - Lutron Vive RF ¹⁵

OTHER OPTIONS

OTHER OPTIONS

Special Options (Optional)	Standard Configurations (see page 6 - 7)		
CP - Chicago Plenum ¹⁶ RLA - Red List Approved RLD - Red List Declared	SQ x _____ x 4L90 - Square REC x _____ x _____ x 4L90 - Rectangle TRI x _____ x 3L60 - Triangle HEX x _____ x 6L120 - Hexagon OCT x _____ x 8L135 - Octagon PLS x _____ x 1XP - Plus T x _____ x _____ x _____ x TP - T Configuration	CRS x _____ x _____ x _____ x 1XP - Cross ¹⁷ YINT x _____ x 1Y120 - 120° Y-Intersection ¹⁷ YINT x _____ x 1Y135/90 - Non-uniform Y-Intersection ¹⁷ L x _____ x _____ x L60 - "L" Shape with 60° L x _____ x _____ x L90 - "L" Shape with 90° STR x _____ x 2E180 - Straight	L x _____ x _____ x L120 - "L" Shape with 120° L x _____ x _____ x L135 - "L" Shape with 135° E180 - Single Knuckle CFG - Configuration ¹⁸ Select CFG when specifying custom configuration. Please provide plan drawings to clearly communicate.

¹ Tunable white is not available with Knuckle

² Contact factory for switching options

³ For Indirect/Direct lengths 3' and greater, separate dimming for uplight and downlight available

⁴ Add DTO to gain "Dim to Off" functionality (FC-10% - DTO, FC-1% - DTO)

⁵ Direct only

⁶ C1, C2, C3, C1T, and C2T T-bar mounting for Pendant Only

⁷ 20 Business day lead time for color

⁸ Minimum fixture length 8ft required for HPX D and HPX SM; Minimum 12ft required for HPX ID

⁹ BSL310LP work with HPX Direct 8ft without sensor only

¹⁰ Minimum luminaire length with a sensor is 4ft.

¹¹ LMFS-601 w/ 0-10V driver(s) and LMFI-111, up to 6 drivers may be connected.

¹² LMFS-601 w/ Dali driver, only 1 driver can be connected

¹³ Enlightened components installed by Finelite; Provided by OTHER

¹⁴ 0-10V Drivers - **AOCC** up to 10 drivers may be connected; **ARF** up to 40 driver may be connected. DALI Drivers - **AOCC** & **ARF** up to 4 drivers can be connected

¹⁵ Lutron Vive Integrated Sensors require a DALI driver. Contact factory for Indirect Distribution.

¹⁶ Only available with C1, C2, and C3 mounting hardware with Finelite Gridbox

¹⁷ Require 2 power feed locations

¹⁸ 4 weeks lead time for custom configurations

Submitted by:		Date:
Type:	Project:	
Ordering Info:		

HPX Product Family - Pendant & Surface Mount

SUPPLEMENTARY DRIVER PAGE

0-10V Driver Options	
FC-10%	Factory Choice, 0-10V 10% Dimming (Linear)
FC-10%-DTO	Factory Choice, 0-10V 10% Dimming, Dim-to-Off (Linear)
FC-1%	Factory Choice, 0-10V 1% Dimming (Linear)
FC-1%-DTO	Factory Choice, 0-10V 1% Dimming, Dim-to-Off (Linear)
ELD-10V-0%	EldoLED SOLOdrive, 0-10V 0.1% Dimming (Linear)
ELD-10V-1%	EldoLED ECOdrive, 0-10V 1% Dimming (Linear)
10V-TW-10%	EldoLED OTi, 0-10V 10% Dimming, Tunable White (Linear)
10V-TW-10%-DTO	EldoLED OTi, 0-10V 10% Dimming, Dim-to-Off, Tunable White (Linear)
OTi-10%	EldoLED OTi, 0-10V 10% Dimming (Linear)
OTi-10%-DTO	EldoLED OTi, 0-10V 10% Dimming, Dim-to-Off (Linear)
OTi-1%	EldoLED OTi, 0-10V 1% Dimming (Linear)
OTi-1%-DTO	EldoLED OTi, 0-10V 1% Dimming, Dim-to-Off (Linear)

DALI Driver Options	
FC-DALI-1%	Factory Choice, DALI 1% Dimming (Logarithmic)
ODXL-DALI-1%	EldoLED Dexal, DALI 1% Dimming (Logarithmic)
ELD-DALI-0%	EldoLED SOLOdrive, DALI 0.1% Dimming (Logarithmic)
ELD-DALI-1%	EldoLED ECOdrive, DALI 1% Dimming (Logarithmic)
ELD-DALI-TW	EldoLED DUALdrive Light Shape, DALI 0.1% Dimming, Tunable White (Logarithmic Dimming, Linear CCT Control)

DMX Driver Options	
ELD-DMX	EldoLED POWERdrive, DMX 0.1% Dimming (8 Bit, 1CH) (Linear)
ELD-DMX-16	EldoLED POWERdrive, DMX 0.1% Dimming (16 Bit, 2CH) (Linear)
ELD-DMX-TW	EldoLED POWERdrive, DMX 0.1% Dimming, Tunable White (8 Bit, 2CH - CH1 Warm / CH2 Cool) (Linear)
ELD-DMX-TW16	EldoLED POWERdrive, DMX 0.1% Dimming, Tunable White (16 Bit, 4CH - CH1, 2 Warm / CH3, 4 Cool) (Linear)

Lutron Driver Options	
LUT-ES1	Lutron, Ecosystem 1% Dimming
LUT-TW	Lutron LD2 Dali-2 1%, Tunable White

Submitted by:		Date:
Type:	Project:	
Ordering Info:		

HPX Product Family - Pendant & Surface Mount

SPECIFICATIONS

BODY TYPE

CONSTRUCTION: Precision-cut 6063-T6 extruded aluminum body. Internal joiner system, plug-together wiring, standard.

LENGTHS: Any length, 2' minimum section length. Increments of 1'. 12' maximum section length. For Indirect/Direct, select a minimum body length of 3' or greater when requiring dual circuiting or when uplight and downlight outputs differ.

GROOVE BODY: The Groove form factor option gives added dimension and ribbed texture to the HPX square micro profile luminaire.



ARRAY TYPE

LIGHT OUTPUT: Four lumen packages available, Standard (**S**), Boosted Standard (**B**), High (**H**), and Very High (**V**). A separate chart summarizes lumen distribution and wattage. For Tailored Outputs outside of range from Standard (**S**) to Very High (**V**), consult factory. Light engines are replaceable.

MECHANICAL FEATURES

UPLIGHT OPTION ¹: Patented Top Glow Frost White Diffuser, standard. 12' maximum diffuser length. Optical distribution pattern options include Widespread Optic (**WSO**); WSO enables increased luminaire spacing with improved ceiling uniformity, and Asymmetric (**ASYTG-L** / **ASYTG-R**). Asymmetric optic directs light in a specific direction. ASYTG-L distributes light to the left, ASYTG-R distributes light to the right of the luminaire. Consult factory for more tailored lumen outputs.

DOWNLIGHT OPTION: 12' maximum diffuser length. Flush (**F**) frost white snap-in diffuser, standard; 73% transmissive, 99% diffusion. Internal secondary diffusers at corners ensure visually seamless, uniform, continuous illumination. Consult factory for more tailored lumen outputs.

LUMEN MAINTENANCE: 90% of initial light output (L90) at 100,000+ hours; 70% of initial light output (L70) at 200,000+ hours.

ELECTRICAL FEATURES

STATIC WHITE FEED: 18-gauge/5-conductor single-circuit feed, standard. 14-gauge feed used when luminaire current exceeds 5 amps. 1 and 2 Knuckle can be specified with a powerfeed at the hub.

TUNABLE WHITE FEED: Standard with one 18-gauge/5-conductor single-circuit feed. 14-gauge feed used when luminaire current exceeds 5 amps (14-gauge plug together connection not available on Knuckle arms). Tunable White is not available with Knuckle installations.

STATIC WHITE DRIVER: Replaceable 120V, 277V, and 347V Constant Current Reduction dimming driver standard. Can be wired dimming or non-dimming. 0-10V dimming controls with a range of 10% - 100% Dimming to 1% available; Consult factory. Separate dimming for uplight and downlight available. Driver is fully accessible from below the ceiling.

– **Power Factor:** ≥ 0.9

– **Total Harmonic Distortion (THD):** <20%

– **Expected driver lifetime:** 100,000 hours

LUTRON STATIC DRIVER OPTIONS:

LUT-ES1 - Hi-lume 1% EcoSystem with Soft-On, Fade-to-Black dimming (LDE1 series).

TUNABLE WHITE DRIVER: Replaceable LED driver. Driver is accessible from below the ceiling. 120V/277V.

– **Power factor** ≥ 0.9

– **Total Harmonic Distortion (THD):** <20%

– **Dimming Range:** 100 - 1%

– **Expected driver lifetime:** 100,000 hours

LUTRON TUNABLE WHITE DRIVER OPTION:

LUTD-TW (Lutron LD2 Dali-2 1%, Tunable White).

MOUNTING TYPE

HANGING HARDWARE:

– **Pendant:** 50" Fully Adjustable (**FA**) plated steel aircraft cable with safety stop hardware standard. Contact factory for additional lengths up to 150". The Flexible Mounting Bracket (**FM**) ² adjusts the suspension points to accommodate existing architecture. Suspension points adjust up to 2' in from the end of 8' to 12' luminaire lengths and up to 1' in on shorter lengths.

– **Surface Mount:** Ceiling types: Drywall or concrete surfaces (walls or ceilings): 1/4"-20 stud and nut (provided by others).

OTHER FEATURES

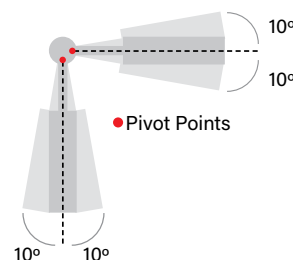
ENDCAPS: Flat diecast aluminum endcaps add 1/4" to each end of luminaire. Knuckle endcaps include attachments brackets for easy installation.

ALL KNUCKLES (Pendant Only):

– **Mounting:** Knuckle with Endcap adds 6" per Knuckle to overall length of suspension-to-suspension spacing. Knuckle is designed for use with Pendant mounted HPX.

– **Power Feed:** Our Standard Configurations are available with a single 18/5 feed into 1 or 2 arm Knuckle. 3 and 4 arm Knuckles do not accept power feeds. EM feeds will be in the luminaire section adjacent to the Knuckle. Consult factory for available options regarding feeds, multiple circuits, and emergency wiring. Feed locations will be confirmed on the shop drawings.

– **Standard Configurations:** See pages 1 & 7-9 for various standard angles with 1, 2, 3, and 4 arms. Each arm can be field adjusted ± 10 degrees for a total of 20 degrees. For example, L90, accommodates angles of 70 to 110 degrees; L60, accommodates 40 to 80 degrees.



¹ Indirect/Direct (ID) only

² Direct only

Submitted by:		Date:
Type:	Project:	
Ordering Info:		

HPX Product Family - Pendant & Surface Mount

SPECIFICATIONS

EMERGENCY STYLE: Optional emergency to generator/inverter wiring, internal generator transfer switch, nightlight wiring, step-dimming driver, backup battery.

Backup Battery

	Legrand 18W	Legrand 10W/ Bodine BSL310LP
HPX-P-D		
Min. Housing Length	8'*	8'*
EM Lumen Output	2006	1194
EM Section Illuminated	2'	2' or 4'
HPX-SM-D		
Min. Housing Length	8'*	8'*
EM Lumen Output	2006	1194
EM Section Illuminated	2'	2' or 4'
HPX-P-ID		
Min. Housing Length	12'	8'
EM Lumen Output	2006	1194
EM Section Illuminated	2'	2' or 4'

* Minimum luminaire housing length for battery pack approved without sensor
The lumens are based on 835. For other CCT/CRI, refer to the Lumen Adjustment Factor table on page 11.

TUNABLE WHITE ELECTRICAL OPTIONS:

TW Driver Options

- **0-10V:** EM/GEN, GTD, or Battery Back Up
- **DMX:** Battery Back Up
- **DALI:** EM/GEN, GTD, or Battery Back Up
- **LUTRON:** EM/GEN, GTD, or Battery Back Up

Bodine GTD and Legrand ALCR Min. Length

Configuration	Min Length
Generator	D- 4'; ID-6'
Generator + OCC	D- 6'; ID-8'
Daylight	D-4'; ID-6'
Generator + Daylight	D-6'; ID-8'

INTEGRATED SENSORS: Integrated PIR (Passive Infrared) Occupancy (**OBO**) or Daylight Sensors (**OBD**) available with Flush and Bottom Glow downlight diffusers. PIR sensors not recommended for stairwell applications. Refer to Occupancy Sensor & Daylight Sensor tech sheet and the Embedded Intelligence landing page for more information and additional sensor options. Minimum luminaire length with a sensor is 4ft.

FINISHES: Finelite Signal White (**SW**) powder coat standard. Finelite Black (RAL 9005) with semi gloss fine texture (**FB**) and Satin Aluminum (**SA**) are available. Optional Adders: 179 RAL colors. ³

LABELS: Luminaire and electrical components are ETL-listed conforming to UL 1598 in the U.S.A. and CAN/CSA C22.2 No. 250.0 in Canada. In accordance with NEC Code 410.130 (G), this luminaire contains an internal driver disconnect. UL 924 and UL 2108 - PoE options available on request, contact factory for more details. These luminaires are rated for Damp Location. Finelite products use electronic components that are RoHS compliant, and the mechanical components of the luminaire have been verified to not knowingly contain any restricted substances listed per RoHS Directive 2015/863. High efficacy LED light source requirements. Finelite makes the specification process easy when putting healthier products on your projects. Simply add - **RLA** (Red List Approved) or - **RLD** (Red List Declared) to your part number.

WEIGHT: 2.3 lb/ft.

WARRANTY: 10-year performance-based warranty on all standard components. Optional accessories such as emergency battery packs are covered by their individual manufacturer warranties.

³ 20 Business day lead time for color

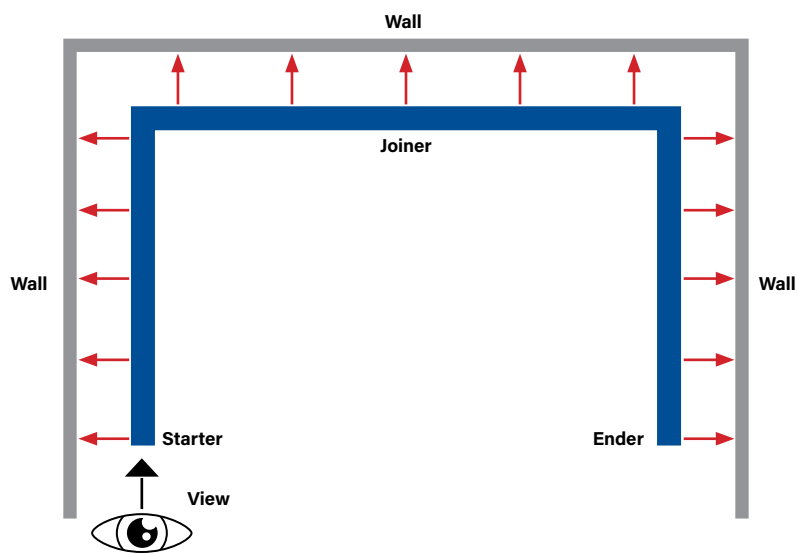
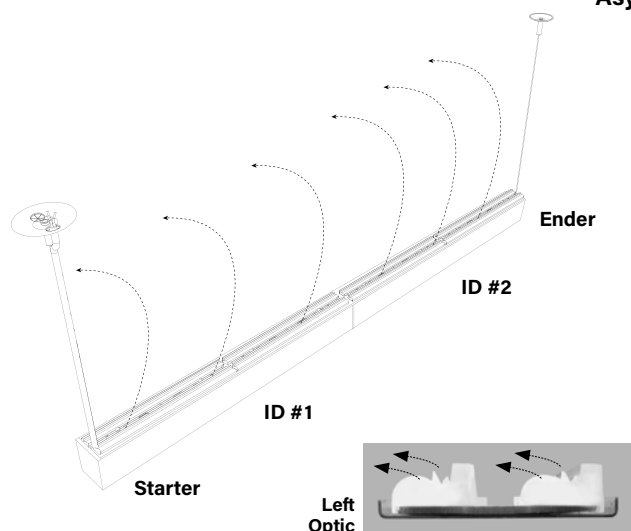
Submitted by:		Date:
Type:	Project:	
Ordering Info:		

HPX Product Family - Pendant & Surface Mount

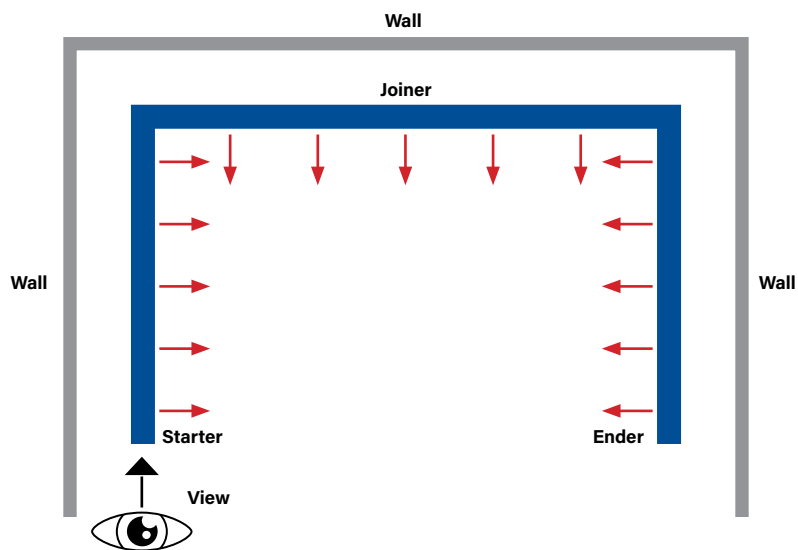
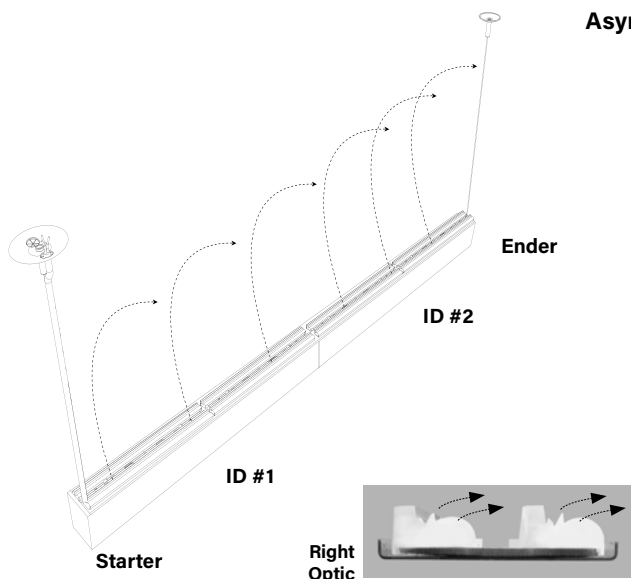
ASYMMETRIC OPTIONS

The diagrams below show a linear run from power feed to ender. Specifying ASY-L distributes light to the left or ASY-R distributes light to the right. For proper orientation: view luminaire from starter end when specifying the direction of the Asymmetric optic.

Asymmetric Left Optic (ASY-L)



Asymmetric Right Optic (ASY-R)



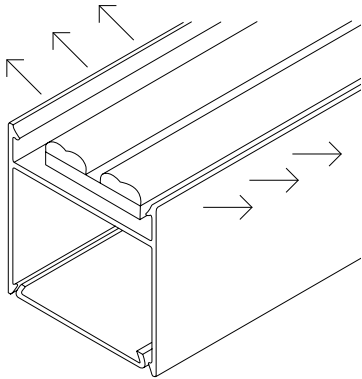
Submitted by:		Date:
Type:	Project:	
Ordering Info:		

HPX Product Family - Pendant & Surface Mount

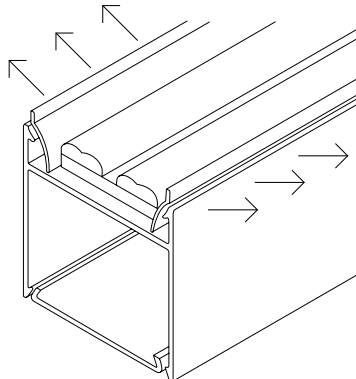
WIDESPREAD OPTIONS

Widespread Optic (**WSO**) delivers distribution for improved performance.

Widespread Optic (**WSO**)

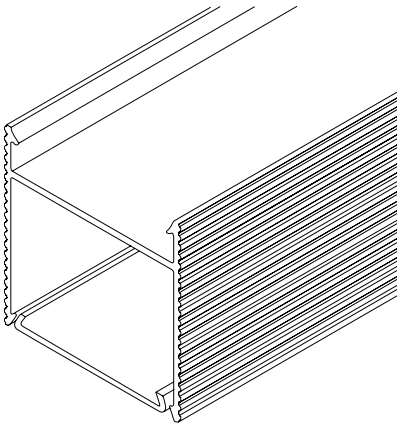


Widespread Optic Top Glow (**WSOTG**)



GROOVE OPTION

Groove Body available for Pendant (**P-GR**) and Surface Mount (**SM-GR**)



Submitted by:		Date:
Type:	Project:	
Ordering Info:		

HPX Product Family - Pendant & Surface Mount

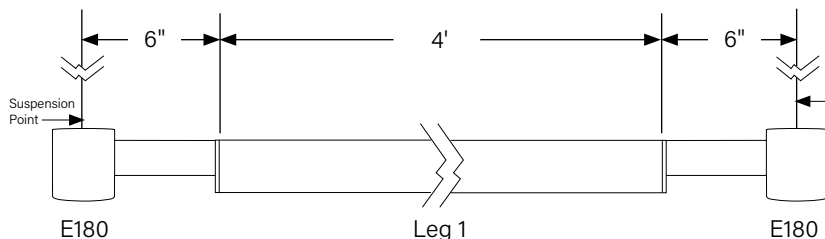
STANDARD CONFIGURATION EXAMPLES ^{1, 2}

(KNUCKLE ONLY AVAILABLE WITH PENDANT)

Luminaires can be joined by traditional joint or Knuckle joint for longer runs to fit your design needs. EM feeds will drop on the knuckle adjacent to the luminaire section. 3' Minimum length for dual circuit applications.

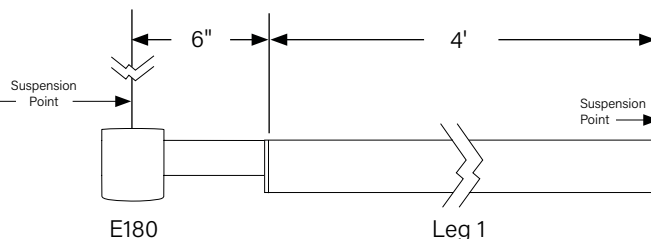
Support to Support Location Example

E180 x 4' x E180



Support to Support Location Example

E180 x 4'



Potential location for joining note near "L" configuration example on page 9.

STR x _____ x 2E180

Straight - Provide Leg 1 dimension

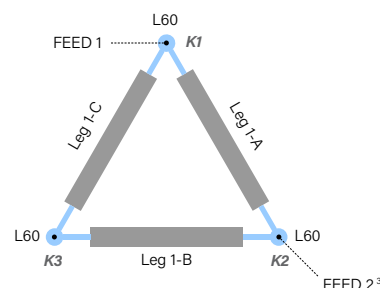
Example - STR x 4' x 2E180



TRI x _____ x 3L60

Triangle - Provide Leg 1 dimension

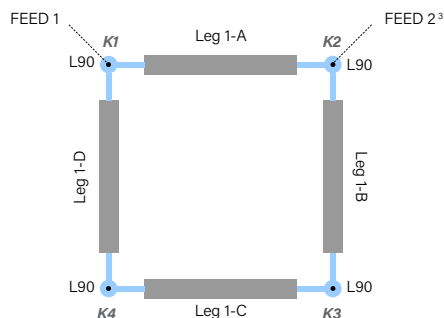
Example - TRI x 4' x 3L60



SQ x _____ x 4L90

Square - Provide Leg 1 dimension

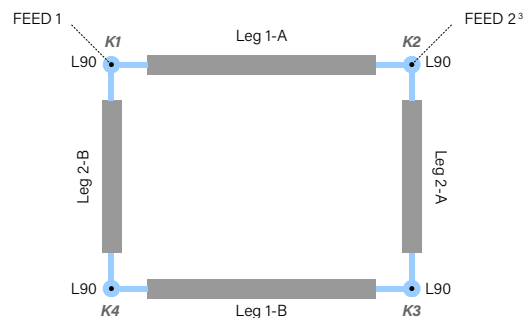
Example - SQ x 4' x 4L90



REC x _____ x _____ x 4L90

Rectangle - Provide Leg 1, Leg 2 dimension

Example - REC x 6' x 4' x 4L90



● = Suspension Points

¹ Drawings are not to scale

² 2' minimum length for linear sections

³ Used for Dual Circuit Designs

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HPX Product Family - Pendant & Surface Mount

STANDARD CONFIGURATION EXAMPLES ^{1, 2}

(KNUCKLE ONLY AVAILABLE WITH PENDANT)

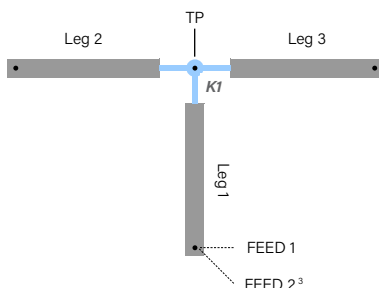
Luminaires can be join by traditional joint or Knuckle joint for longer runs to fit your design needs.

EM feeds will drop on the knuckle adjacent to the luminaire section.

T x _____ x _____ x 1Y120

T-Intersection - Provide Leg 1, Leg 2, Leg 3 dimension

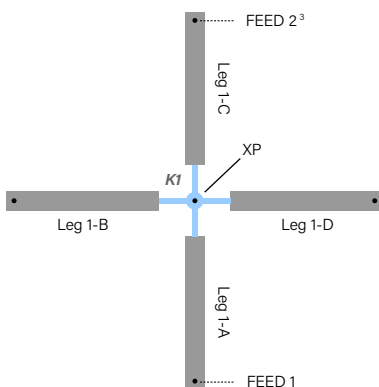
Example - T x 4' x 4' x 4' x 1Y120



PLS x _____ x 1XP

Plus - Provide Leg 1 dimension

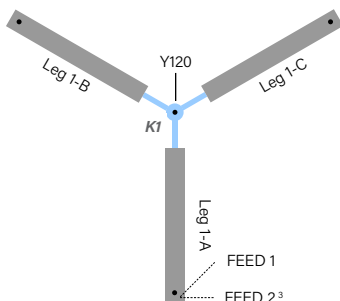
Example - PLS x 4' x 1XP



YINT x _____ x 1Y120

Y-Intersection - Provide Leg 1 dimension

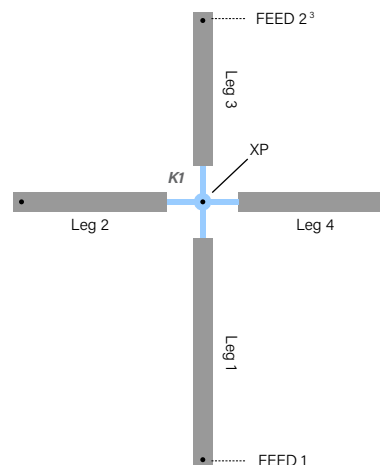
Example - YINT x 4' x 1Y120



CRS x _____ x _____ x _____ x 1XP

CRS - Provide Leg 1, Leg 2, Leg 3, and Leg 4 dimension

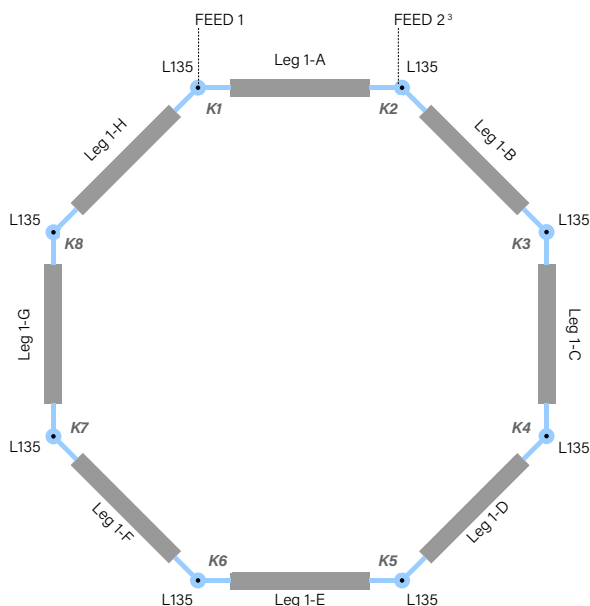
Example - CRS x 6' x 4' x 4' x 4' x 1XP



OCT x _____ x 8L135

Octagon - Provide Leg 1 dimension

Example - OCT x 4' x 8L135



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Type:	Project:	
Ordering Info:		

HPX Product Family - Pendant & Surface Mount

STANDARD CONFIGURATION EXAMPLES ^{1,2}

(KNUCKLE ONLY AVAILABLE WITH PENDANT)

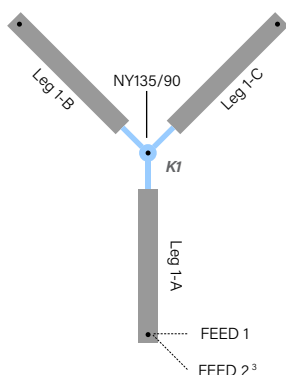
Luminaires can be join by traditional joint or Knuckle joint for longer runs to fit your design needs.

EM feeds will drop on the knuckle adjacent to the luminaire section.

YINT x _____ x 1NY135/90

Y-Intersection - Provide Leg 1 dimension

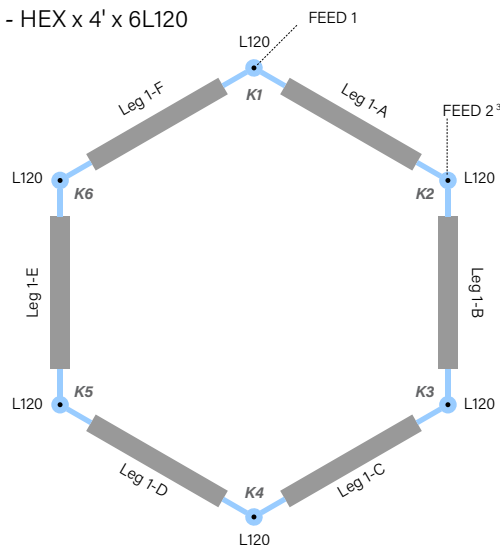
Example - YINT x 4' x 1NY135/90



HEX x _____ x 6L120

Hexagon - Provide Leg 1 dimension

Example - HEX x 4' x 6L120



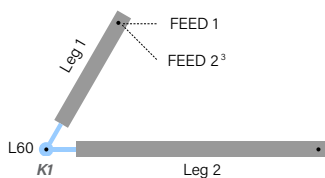
"L" SHAPE CONFIGURATION EXAMPLES ^{1,2}

Luminaires can be join by traditional joint or Knuckle joint for longer runs to fit your design needs.

L x _____ x _____ x L60

L Shape - Provide Leg 1 and Leg 2 dimension

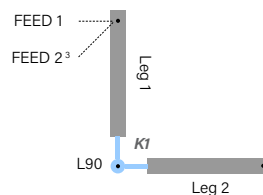
Example - L x 4' x 8' x L60



L x _____ x _____ x L90

L Shape - Provide Leg 1 and Leg 2 dimension

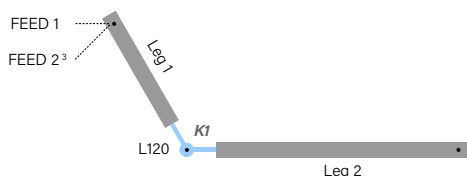
Example - L x 4' x 4' x L90



L x _____ x _____ x L120

L Shape - Provide Leg 1 and Leg 2 dimension

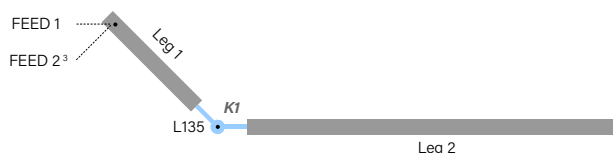
Example - L x 4' x 8' x L120



L x _____ x _____ x L135

L Shape - Provide Leg 1 and Leg 2 dimension

Example - L x 4' x 12' x L135



● = Suspension Points

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³ Used for Dual Circuit Designs

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Type:	Project:	
Ordering Info:		

HPX Product Family - Pendant & Surface Mount

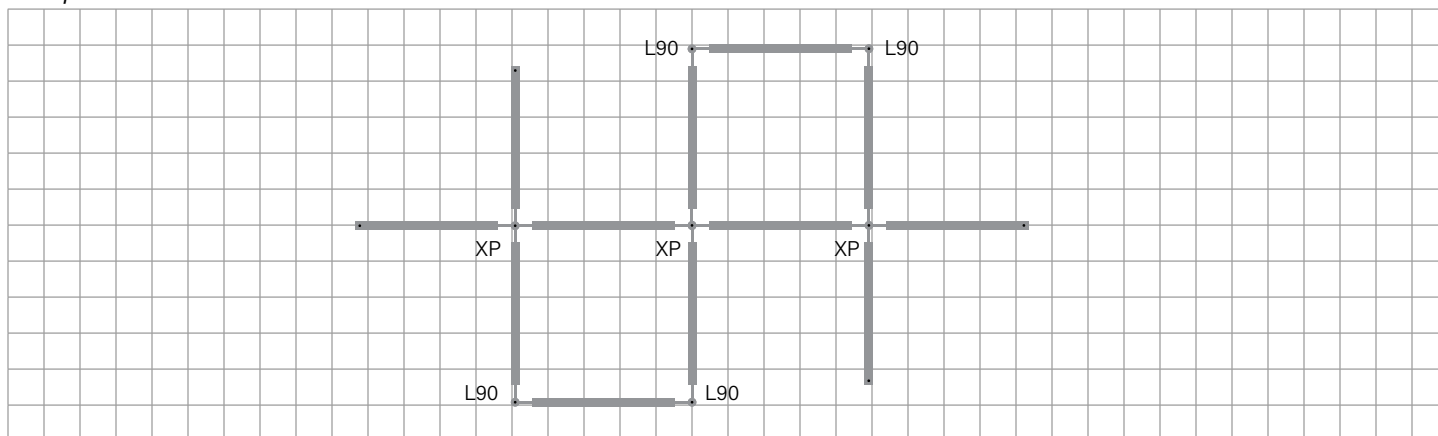
CUSTOM CONFIGURATION EXAMPLE ^{1,2}


(KNUCKLE ONLY AVAILABLE WITH PENDANT)

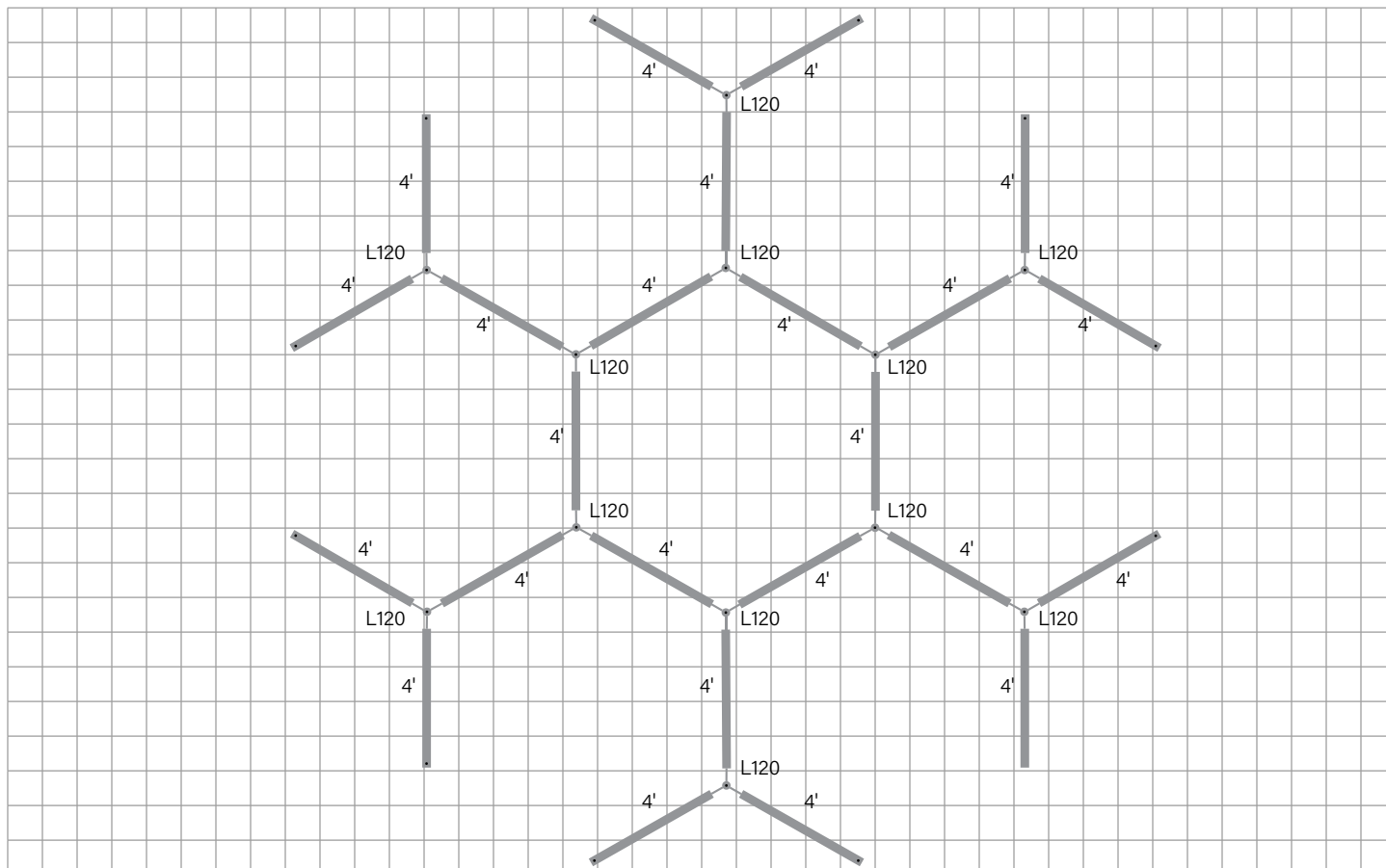
99CFG

Custom Configuration - Please provide a sketch or drawing showing desired configurations.

Examples



 = 1 ft²



● = Suspension Points

¹ Drawings are not to scale

² 2' minimum length for linear sections

FINELITE®
Better Lighting

Submitted by:		Date:
Type:	Project:	
Ordering Info:		

HPX Product Family - Pendant & Surface Mount

Direct & Surface Mount Photometry 4' Luminaire 3500k

HPX-P-D-V-835-F

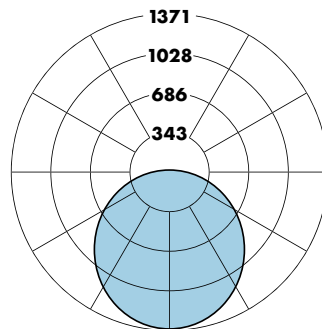
Efficacy: 120 lm/W

Total luminaire output: 4011 lumens (1003 lumens/ft)
33.5 watts (8.4 watts/ft)

Peak Candela Value: 1371 @ 0°

CRI: 80 / CCT: 3500K

ITL LM79 Report 92552



CANDLEPOWER SUMMARY

	0.0	22.5	45.0	67.5	90.0	Flux
0	1371	1371	1371	1371	1371	
5	1365	1364	1364	1364	1364	130
15	1321	1312	1318	1320	1317	372
25	1228	1215	1225	1225	1223	564
35	1092	1081	1092	1090	1087	681
45	920	915	921	919	915	709
55	723	721	723	722	719	645
65	507	507	509	509	507	503
75	290	288	292	293	294	308
85	88	89	91	94	94	101
90	0	0	0	0	0	

Total Light Output, 3500K, 80 CRI (Lumens) - 4' Luminaire

S¹	B¹	H¹	V²
1642	2064	3120	4011

Light Output, 3500K, 80 CRI (Lumens Per Foot)

S¹	B¹	H¹	V²
410	516	780	1003

Power, 3500K, CRI (Watts Per Foot)

S¹	B¹	H¹	V²
3.3	4.2	6.4	8.4

Efficacy, 3500K, 80 CRI (Lumens Per Watt)

S¹	B¹	H¹	V²
125	124	121	120

Sample Lumen Adjustment Calculation

Lumen Adjustment Factors 80 CRI

3000K	0.985
3500K	1.000
4000K	1.032

Lumen Adjustment Factors 90 CRI

3000K	0.746
3500K	0.760
4000K	0.789

High Output (H), 4000K, 90 CRI

Lumen Adjustment Factor: 0.789

Total Light Output: 3120 lm x 0.789 = 2462 lm

Total Light Output per Foot: 780 lm x 0.789 = 615 lm

watts/foot: 6.4 W/ft.

$$\text{Efficacy} = \frac{615 \frac{\text{lm}}{\text{ft.}}}{6.4 \frac{\text{W}}{\text{ft.}}} = 96 \text{ lm/W}$$

Wattage is Real Power. If you would like additional details to calculate Apparent Power, please contact your local Finelite representative.

S - Standard Output, B - Boosted Standard Output, H - High Output, V - Very High Output

¹ Based on 4' luminaire 3500K Very High Output (V) test - 120V.

² Based on ITL report: 92552

Submitted by:		Date:
Type:	Project:	
Ordering Info:		

0-10V Tunable White

Finelite's contractor friendly Tunable White luminaires are available at low cost, with powerful and simple 0-10V tuning and intensity controls.

TUNABLE WHITE FEATURES

- CCT range: 2700K - 6500K
- Dimming Range: 100% to 10%
- CRI Options: 80 CRI or 90 CRI

Note:

Dim to Off options available.

LUMINAIRE FAMILY MODIFICATIONS/RESTRICTIONS

Direct	Section Lengths											
	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	
Output S,B,H,V Single Circuit	Rows can be comprised of 2'-12' sections.											
Integral Battery Backup (BSL310LP)		✓		✓		✓		✓		✓		✓
Indirect/Direct												
Output S,B Single Circuit	✓		✓		✓		✓		✓		✓	
Integral Battery Backup (BSL310LP)							✓		✓		✓	
Output H,V Single Circuit		✓					✓				✓	
Integral Battery Not Available	Remote Battery backup solution available. Contact Factory.											
Output S,B,H,V Dual Circuit		✓					✓				✓	
Integral Battery Not Available	Remote Battery backup solution available. Contact Factory.											

EN/GEN sections available for all body lengths

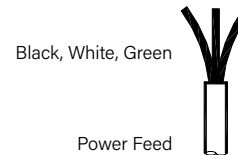
PHOTOMETRY

Apply a power adjustment factor to calculate wattage usage

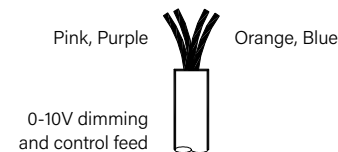
POWER	CONVERSION FACTOR
	1.1X

(Example: a 50 watt luminaire in static white would draw 55 watts using 0-10V Tunable White)

DUAL FEED DETAIL



WIRING LEGEND		
Black	Hot	Line Voltage
White	Neutral	Line Voltage
Green	Ground	



WIRING LEGEND		
Pink	Dimming	0-10V DC
Purple	Dimming	0-10V DC
Orange	TW	0-10V DC
Blue	TW	0-10V DC

