

Project Name:

Part Number:

Type:

ENDEAVOUR

LINEAR HIGH BAY

FEATURES

- Sleek Curved Polycarbonate Injection Molded End Caps
- Aluminum Body with steel channel for added rigidity
- Toolless Hinged Driver Access
- Wide & Narrow Distributions
- Impact Resistant and IP5X Rated Lens Options:
 - Frosted Acrylic (FRL)
 - Frosted Polycarbonate (PFL) IK10 Impact Rated
- V-Clips for dual point chain or cable hanging (std.)
- Advanced and Basic Controls Options
- -40°F-131°F Ambient Temperature Range
- 3000K-5000K CCT
- Uplight Options
- >80 Color Rendering Index (CRI)
- Calculated L70 >100,000 hrs
- 0-10V Dimmable Driver (100%-10%)
- 120-277V Universal Voltage
- 5 Year Warranty (std); 10 Year Warranty Optional
- ETL Listed for Damp Location
- DesignLights Consortium® Qualified Luminaire



Fixtures shown with Frosted Lens (FRL)



407-478-3759
www.ilp-inc.com



SUITABLE APPLICATIONS

- Gymnasiums
- Manufacturing Plants
- Warehouses
- Distribution Centers

ORDERING GUIDE:

SERIES	LUMENS (select one)	DRIVER	CCT	LENS OPTIONS	DISTRIBUTION	UPLIGHT	FINISH	WARRANTY
EDV	8L ²⁰	30L	U 120-277V	50	BLANK No Lens	BLANK No Uplight	BLANK White	BLANK 5 Year
Endeavour	12L	36L	40	FRL Frosted Acrylic	ND Narrow	UP/2L ^{1,2} 2000lm Uplight	BLK ^{1,7} Black	10YR ¹⁶ 10 Year
	15L	48L	35	PFL Frosted		UP/4L ^{1,3} 4000lm Uplight	C ^{1,10} Custom	
	18L	60L	30	Polycarbonate				
	24L							

OPTIONS		CONTROLS OPTIONS ¹	
Factory Installed		Basic	
Cx/3W	3-wire cord standard fixtures (xFT = Length; x=6,10,15,20)	FIOS ^{8,11}	On/Off Occupancy Sensor
Cx/3W/L7-15P	Cord (x=ft) with 277V 15amp Plug (x= 6,10,15,20)	FIOSPC ^{8,11}	On/Off Occupancy Sensor w/ Photocell
Cx/4W	4-wire cord for EM fixtures (xFT = Length; x=6,10,15,20)	FIOSPC/DLH ^{9,12}	On/Off Occupancy Sensor w/ Daylight Harvesting
Cx/5W	5-wire cord for non EM fixtures with external dim control (xFT = Length; x=6,10,15,20)	DHPC ^{8,11}	Daylight Harvesting
Cx/6W	6-wire cord for EM fixtures with external dim control (xFT = Length; x=6,10,15,20)	USBD ^{8,11}	User Bi-Level Dim Sensor w/ Occ. Sensor
QDx/3W	3-wire Quick Connect standard fixtures (xFT = Length; x=6,10,15,20)	BDxx ^{8,11}	Preset Bi-Level Dim Sensor (xx=%eg.20,30)
QDx/4W	4-wire Quick Connect for EM fixtures (xFT = Length; x=6,10,15,20)	BDxxPC ^{8,11}	Preset Bi-level Dim Sensor w/ Photocell
QDx/5W	5-wire Quick Connect for non EM fixtures with external dim control (xFT = Length; x=6,10,15,20)	CLOS	Cold Location Occupancy Sensor
QDx/6W	6-wire Quick Connect for EM fixtures with external dim control (xFT = Length; x=6,10,15,20)		
GTD	Factory Installed Generator Transfer Device		
EM5 ¹³	5W LED Factory Installed Battery Backup		
EM5/HE ¹³	5W LED Factory Installed Battery Backup - CEC Title 20 Compliant		
EM7 ¹³	7W LED Factory Installed Battery Backup		
EM7/HE ¹³	7W LED Factory Installed Battery Backup - CEC Title 20 Compliant		
EM10 ¹³	10W LED Factory Installed Battery Backup		
EM10/HE ¹³	10W LED Factory Installed Battery Backup - CEC Title 20 Compliant		
EM10/HE/SD ¹³	10W Factory Installed Self Diagnostic Battery Backup		
EM12 ¹³	12W LED Factory Installed Battery Backup		
EM20 ^{4,5,13}	20W LED Factory Installed Battery Backup - CEC Title 20 Compliant		
EM25 ^{4,5,13}	25W LED Factory Installed Battery Backup		
SD480 ¹	480V Step Down Transformer		
SD347 ¹	347V Step Down Transformer		

¹ Refer to DLC for listing² Available for EDV-8L-24L only³ Available for EDV-30L-60L only⁴ Cannot be used w/ FMB, HUB, or HOOK⁸ Sensor Mounted off end cap of fixture⁵ Mounted externally to fixture⁶ Easily Controlled via Mobile Phone with Philips

MasterConnect Bluetooth App

⁷ Reduces published performance by 16%⁸ Sensor Mounted off end cap of fixture⁹ Sensor Mounted on center driver channel¹⁰ Consult Factory¹¹ Operation down to 14°F¹² Operation down to -22°F¹³ Operation down to 32°F¹⁴ Must use w/ HUB 3/4 for Pendant Mounting¹⁵ Must use w/ FMB/EDV for Pendant Mounting¹⁶ Contact Factory for more details¹⁷ Does Not Qualify for DLC¹⁸ Contact Factory for Site Layout¹⁹ Center Mounted Sensor²⁰ Operation down to -4°F

ENDEAVOUR

LINEAR HIGH BAY

Ship With Accessories		Advanced	
WC ¹⁷	11 GA Wire Cage	ESMC/HB ^{6,8,12}	EasySense High Bay Sensor
FMB/EDV ¹⁴	Fixture Mounting Box	FSP-311/L2 ⁹	Legrand FSP-311 Bluetooth Programming Sensor – 8' Mounting Height
HUB 3/4 ¹⁵	Conduit Hub ¾" for pendant mount	FSP-311/L3 ⁹	Legrand FSP-311 Bluetooth Programming Sensor – 20' Mounting Height
HOOK	Cast Iron Hook for single point mounting	FSP-311/L7 ⁹	Legrand FSP-311 Bluetooth Programming Sensor – 40' Mounting Height
ACxY	Adjustable Y-Toggle aircraft cable set (x = 5' or 10')	5S/CU/CL ^{9,13}	Enlighted 5E Connected Lighting (CL) Sensor with Control Unit
SMZBKIT/EDV	Surface Mount Bracket	5S/CU/IOT ^{9,13}	Enlighted 5E Internet of Things (IOT) Sensor with Control Unit
ESMC/WWS/DR	EasySense Dual Rocker Wireless Wall Switch	ZLD1Z ⁹	Leviton ZLD1Z 120-277V Bluetooth Groupable Sensor (16 Devices) with 8-20' & 20-40' lens included
		SYN ¹⁸	Synapse Control System
		SYNS/LX ^{18,19}	Synapse Control System w/ Sensor (X = Mounting Height 3=10-20', 7=20-40')

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⁸ Sensor Mounted off end cap of fixture

⁹ Sensor Mounted on center driver channel

¹⁰ Consult Factory

¹¹ Operation down to 14°F

¹² Operation down to -22°F

¹³ Operation down to 32°F

¹⁴ Must use w/ HUB 3/4 for Pendant Mounting

¹⁵ Must use w/ FMB/EDV for Pendant Mounting

¹⁶ Contact Factory for more details

¹⁷ Does Not Qualify for DLC

¹⁸ Contact Factory for Site Layout

¹⁹ Center Mounted Sensor

²⁰ Operation down to -4F



QUICK SHIP ITEMS:

SERIES	LUMENS	DRIVER	CCT	PRIMARY LENS
EDV Endeavour	12L	U 120-277V	50	FRL* Frosted Acrylic Lens
	18L		40	
	24L			

* Stocked products only available with Frosted Lens (FRL)

LINEAR HIGH BAY

SYSTEMS INFO ^{1,3}				3000K CCT			3500K CCT			4000K CCT			5000K CCT			Watts ²	Ambient Temp. Range	Replaces
Part #	Lumens	LPW	DLC ⁴	Lumens	LPW	DLC ⁴	Lumens	LPW	DLC ⁴	Lumens	LPW	DLC ⁴	Lumens	LPW	DLC ⁴			
EDV-8L-U-xx	7,368	145	PRM	7,634	150	PRM	7,900	156	PRM	8,433	166	PRM	51 W	-4°F - 122°F		100W MH, 4T8		
EDV-8L-U-xx-ND	7,310	146	STD	7,574	151	STD	7,838	156	STD	8,366	167	STD	50 W	-4°F - 122°F		100W MH, 4T8		
EDV-8L-U-xx-FRL	7,019	139	PRM	7,273	144	PRM	7,527	149	PRM	8,034	159	PRM	51 W	-4°F - 122°F		100W MH, 4T8		
EDV-8L-U-xx-FRL-ND	6,803	136	PRM	7,049	141	PRM	7,295	146	PRM	7,861	155	PRM	50 W	-4°F - 122°F		100W MH, 4T8		
EDV-8L-U-xx-PFL	6,984	136	PRM	7,117	139	PRM	7,285	143	PRM	7,620	149	PRM	51 W	-4°F - 122°F		100W MH, 4T8		
EDV-8L-U-xx-PFL-ND	6,889	134	PRM	7,009	137	PRM	7,128	139	PRM	7,428	144	PRM	51 W	-4°F - 122°F		100W MH, 4T8		
EDV-12L-U-xx	11,386	139	PRM	11,682	142	PRM	11,978	146	PRM	12,570	153	PRM	82 W	-40°F - 122°F		175W MH, 2T5HO		
EDV-12L-U-xx-ND	11,477	140	PRM	11,775	144	PRM	12,073	147	PRM	12,670	155	PRM	82 W	-40°F - 122°F		175W MH, 2T5HO		
EDV-12L-U-xx-FRL	11,020	134	PRM	11,306	138	PRM	11,593	141	PRM	12,240	148	PRM	82 W	-40°F - 122°F		175W MH, 2T5HO		
EDV-12L-U-xx-FRL-ND	10,100	123	STD	10,520	129	STD	10,941	134	STD	11,910	144	STD	82 W	-40°F - 122°F		175W MH, 2T5HO		
EDV-12L-U-xx-PFL	10,408	128	PRM	10,678	132	PRM	10,949	135	PRM	11,490	142	PRM	81 W	-40°F - 122°F		175W MH, 2T5HO		
EDV-12L-U-xx-PFL-ND	10,380	128	PRM	10,551	130	STD	10,722	132	PRM	11,064	136	PRM	81 W	-40°F - 122°F		175W MH, 2T5HO		
EDV-15L-U-xx	15,455	148	PRM	15,714	150	PRM	15,973	153	PRM	16,490	158	PRM	105 W	-40°F - 122°F		200W MH, 6T8		
EDV-15L-U-xx-ND	15,120	145	PRM	15,373	147	PRM	15,626	150	PRM	16,132	155	PRM	104 W	-40°F - 122°F		200W MH, 6T8		
EDV-15L-U-xx-FRL	14,462	139	PRM	14,704	141	PRM	14,946	143	PRM	15,430	148	PRM	104 W	-40°F - 122°F		200W MH, 6T8		
EDV-15L-U-xx-FRL-ND	14,072	135	PRM	14,307	137	PRM	14,543	139	PRM	15,014	144	PRM	104 W	-40°F - 122°F		200W MH, 6T8		
EDV-15L-U-xx-PFL	13,590	131	PRM	13,817	133	PRM	14,045	136	PRM	14,500	140	PRM	104 W	-40°F - 122°F		200W MH, 6T8		
EDV-15L-U-xx-PFL-ND	13,281	128	PRM	13,503	130	STD	13,725	133	PRM	14,170	137	PRM	104 W	-40°F - 122°F		200W MH, 6T8		
EDV-18L-U-xx	18,279	139	STD	18,754	143	STD	19,230	147	STD	20,180	154	STD	131 W	-40°F - 131°F		250W MH, 4T5HO		
EDV-18L-U-xx-ND	18,831	142	PRM	18,973	143	PRM	19,116	144	PRM	19,400	147	PRM	132 W	-40°F - 131°F		250W MH, 4T5HO		
EDV-18L-U-xx-FRL	18,390	140	PRM	18,529	141	PRM	18,668	142	PRM	18,960	144	PRM	131 W	-40°F - 131°F		250W MH, 4T5HO		
EDV-18L-U-xx-FRL-ND	18,249	139	PRM	18,387	140	PRM	18,524	141	PRM	18,800	143	PRM	132 W	-40°F - 131°F		250W MH, 4T5HO		
EDV-18L-U-xx-PFL	17,695	134	PRM	17,829	135	PRM	17,963	136	PRM	18,230	138	PRM	132 W	-40°F - 131°F		250W MH, 4T5HO		
EDV-18L-U-xx-PFL-ND	17,200	131	PRM	17,330	132	PRM	17,460	133	PRM	17,720	135	PRM	131 W	-40°F - 131°F		250W MH, 4T5HO		
EDV-24L-U-xx	22,629	138	STD	23,209	142	STD	23,789	145	STD	24,950	152	STD	164 W	-40°F - 122°F		400W MH, 6T5HO		
EDV-24L-U-xx-ND	20,913	126	STD	21,558	130	STD	22,202	134	PRM	23,490	142	PRM	166 W	-40°F - 122°F		400W MH, 6T5HO		
EDV-24L-U-xx-FRL	21,260	131	STD	21,805	135	STD	22,350	138	PRM	23,600	145	PRM	163 W	-40°F - 122°F		400W MH, 6T5HO		
EDV-24L-U-xx-FRL-ND	19,260	119	STD	19,853	123	STD	20,446	126	STD	21,780	134	PRM	163 W	-40°F - 122°F		400W MH, 6T5HO		
EDV-24L-U-xx-PFL	19,660	122	STD	20,202	125	STD	20,745	129	STD	21,870	135	PRM	161 W	-40°F - 122°F		400W MH, 6T5HO		
EDV-24L-U-xx-PFL-ND	18,580	115	STD	19,280	120	STD	19,980	124	STD	21,460	133	PRM	161 W	-40°F - 122°F		400W MH, 6T5HO		
EDV-30L-U-xx	30,151	146	PRM	30,656	149	PRM	31,160	151	PRM	32,170	156	PRM	206 W	-40°F - 131°F		575W MH, 10T8		
EDV-30L-U-xx-ND	28,684	141	STD	29,406	144	STD	30,127	148	STD	31,570	155	STD	204 W	-40°F - 131°F		575W MH, 10T8		
EDV-30L-U-xx-FRL	27,820	136	PRM	28,286	138	PRM	28,751	141	PRM	29,770	145	PRM	205 W	-40°F - 131°F		575W MH, 10T8		
EDV-30L-U-xx-FRL-ND	26,670	131	PRM	27,341	134	PRM	28,012	137	PRM	29,670	144	PRM	204 W	-40°F - 131°F		575W MH, 10T8		
EDV-30L-U-xx-PFL	27,011	133	PRM	27,463	135	PRM	27,916	137	PRM	28,820	142	PRM	203 W	-40°F - 131°F		575W MH, 10T8		
EDV-30L-U-xx-PFL-ND	26,730	131	PRM	27,178	133	PRM	27,625	136	PRM	28,520	140	PRM	204 W	-40°F - 131°F		575W MH, 10T8		
EDV-36L-U-xx	33,031	135	PRM	33,857	138	PRM	34,682	142	PRM	36,334	148	PRM	245 W	-40°F - 122°F		750W MH, 8T5HO		
EDV-36L-U-xx-ND	32,913	134	STD	33,736	138	STD	34,559	141	STD	36,204	148	STD	245 W	-40°F - 122°F		750W MH, 8T5HO		
EDV-36L-U-xx-FRL	31,466	129	STD	32,253	132	STD	33,040	135	PRM	34,613	141	PRM	245 W	-40°F - 122°F		750W MH, 8T5HO		
EDV-36L-U-xx-FRL-ND	31,471	129	STD	32,258	132	STD	33,044	135	PRM	34,618	141	PRM	245 W	-40°F - 122°F		750W MH, 8T5HO		
EDV-36L-U-xx-PFL	31,549	129	PRM	32,064	131	PRM	32,579	133	PRM	33,610	138	PRM	244 W	-40°F - 122°F		750W MH, 8T5HO		
EDV-36L-U-xx-PFL-ND	29,671	121	STD	30,156	123	STD	30,641	125	STD	31,610	129	STD	245 W	-40°F - 122°F		750W MH, 8T5HO		
EDV-48L-U-xx	44,041	135	PRM	45,142	138	PRM	46,243	142	PRM	48,445	148	PRM	327 W	-40°F - 122°F		1000W MH, 10T5HO		
EDV-48L-U-xx-ND	44,355	134	STD	45,463	138	STD	46,572	141	STD	48,790	148	STD	330 W	-40°F - 122°F		1000W MH, 10T5HO		
EDV-48L-U-xx-FRL	41,960	129	STD	43,004	132	STD	44,053	135	PRM	46,151	141	PRM	327 W	-40°F - 122°F		1000W MH, 10T5HO		
EDV-48L-U-xx-FRL-ND	42,218	129	STD	43,274	132	STD	44,329	135	PRM	46,440	141	PRM	329 W	-40°F - 122°F		1000W MH, 10T5HO		
EDV-48L-U-xx-PFL	42,250	129	PRM	42,318	130	STD	42,619	131	PRM	43,220	133	PRM	325 W	-40°F - 122°F		1000W MH, 10T5HO		
EDV-48L-U-xx-PFL-ND	39,610	123	STD	40,257	125	STD	40,904	127	STD	42,590	131	STD	326 W	-40°F - 122°F		1000W MH, 10T5HO		
EDV-60L-U-xx	61,399	149	STD	62,134	151	STD	62,870	152	STD	64,340	156	STD	413 W	-40°F - 122°F		1000W MH, 12T5HO		
EDV-60L-U-xx-ND	60,572	148	STD	61,298	150	STD	62,023	152	STD	63,474	155	STD	408 W	-40°F - 122°F		1000W MH, 12T5HO		
EDV-60L-U-xx-FRL	57,910	142	PRM	58,603	144	PRM	59,297	145	PRM	61,070	149	PRM	409 W	-40°F - 122°F		1000W MH, 12T5HO		
EDV-60L-U-xx-FRL-ND	57,918	142	STD	58,612	144	STD	59,305	145	STD	60,692	149	STD	408 W	-40°F - 122°F		1000W MH, 12T5HO		
EDV-60L-U-xx-PFL	53,138	130	PRM	54,006	132	PRM	54,874	134	PRM	56,610	138	PRM	410 W	-40°F - 122°F		1000W MH, 12T5HO		
EDV-60L-U-xx-PFL-ND	51,693	127	STD	52,537	129	STD	53,381	131	STD	55,070	135	STD	408 W	-40°F - 122°F		1000W MH, 12T5HO		

¹LED Chips are frequently updated therefore values are nominal

³BLK fixture finish reduces stated performance by 16%.

²Electrical data at 25°C (77°F) 277V. Actual wattage may differ by +/-10%.

⁴Please be sure to check DLC website for updates and current listing. PRM=Premium, STD=Standard

SPECIFICATIONS

CONSTRUCTION

Aluminum body with steel driver channel for maximum rigidity and thermal properties. Sleek curved polycarbonate injection molded end caps provide a modern finish while adding rigidity and durability. Toolless hinged driver door access for ease of maintenance and installation. Power access plate mounted on back of center driver channel for easy access to wiring. Product proudly assembled in the United States of America.

ELECTRICAL

Class 2 LED light engine for high efficacy and long life. Calculated $L_{70} > 100,000$ hrs. LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient. Power Factor > 0.90 . Standard 120-277 Vac 0-10V dimmable (10%-100%) with optional 347-480 Vac step down transformer. Optional emergency battery backups and generator transfer device available to meet critical life safety lighting requirements. Fixture reduced maximum ambient for emergency battery backup and step down options. Optional uplight wired to sensor it ordered together.

MOUNTING

Options include suspension chain, aircraft cables, hook, single pendant (HUB), surface mount (SMZBKIT). Reduced maximum ambient range for surface mount.

UPLIGHT OPTION

Offers an additional layer of lighting to optimize full room illumination by reducing the contrast between the luminaire and the ceiling, eliminating the "cave" effect. With a dedicated individual switchable 0-10V (10%) dimmable driver and 2 linear strips of LED boards, the modules are encapsulated with a frosted polycarbonate lens and are sealed to an IP5X rating.

OPTICS

Standard without lens. Optional frosted acrylic (FRL) and frosted polycarbonate (PFL) lenses available for added LED protection and glare reduction. Both optics are IP5X rated; protected against dust intrusion. Frosted Polycarbonate lens (PFL) is IK10 Impact Rated; highest impact rating available. Wide (std.) & Narrow (ND) Distribution options available for all lumen packages.

THERMAL

Ambient temperature range -40F up to 131F (-40C to 55C). Reference LED Systems Info for more detail. Fixture to be mounted at a minimum plenum height of 18" to maintain maximum ambient temperature. Reduced maximum ambient for surface mounting.

CONTROLS

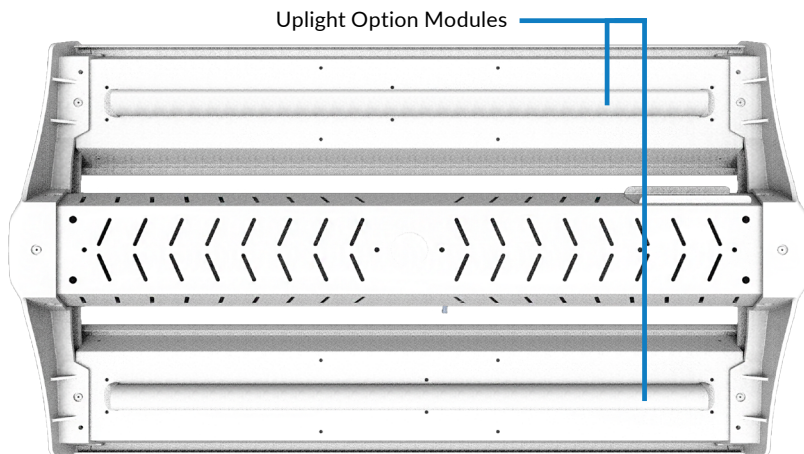
Factory installed Advanced and Basic integral occupancy sensor options available. All Basic sensors are end mounted. Advanced EasySense sensor is end mounted. All other Advanced sensors are center driver cover mounted. Inquire with manufacturer for additional controls options, including customer supplied items.

CERTIFICATIONS

ETL listed to US and Canadian safety standards. Suitable for damp locations. American Recovery and Reinvestment Act Funding Compliant. Please refer to the DLC (DesignLights Consortium) Qualified Products List at www.designlights.org/QPL to confirm specific product qualifications.

WARRANTY

5 Year Warranty Standard; 10 Year Warranty Optional ([Terms and Conditions apply](#)).



BASIC

FIOS

Standard on/off motion sensor. Comes with 360 degree high bay lens, 360 degree low bay lens & aisle lens. 360 degree high bay lens factory installed, unless notified otherwise. Sensor mounted off end cap of fixture. Inquire for mounting on center of driver cover.

FIOSPC

Motion sensor with the addition of photocell control. When installed, fixture will not activate unless 1. motion is detected and 2. light levels are below the preset level. When activated, fixture will turn on to 100% light output & will only shut off when one of the two levels mentioned above are met. If no motion is detected & light levels fall below preset level the fixture remains off. Sensor mounted off end cap of fixture.

FIOSPC/DLH

Factory installed motion sensor with the addition of photocell control that will allow for daylight harvesting. When installed, fixture will not activate unless 1. motion is detected & 2. light levels are below the preset level. When activated, fixture will turn on only enough to meet the preset light levels and will adjust as the amount of light in the space adjusts between 100%-10%. If light levels are adequate the fixture will remain off. Sensor mounted off end cap of fixture.

ADVANCED

Philips ESMC/HB

EasySense sensor combines occupancy sensing, daylight harvesting and institutional tuning in one compact solution. This is an ideal control for any high bay application. Each device allows you to turn on/off occupancy and/or daylight harvesting functions as well as set the full light output, background light level, occupancy prolong time, occupancy grace fading time & occupancy time out/hold time. Easily Controlled via Mobile Phone with Philips MasterConnect Bluetooth App. (Sold separately). Sensor mounted off end cap of fixture.

Leviton ZLD1Z

Optional Bluetooth Groupable PIR sensor that allows for Programmable Options such as, Continuous Dimming, Motion and/ or daylight harvesting, fully adjustable high/low dimmed light levels, and Adjustable time delay/ cutoff delay. The sensor is programmed via a free iOS® or Android® Sensor Configuration App (compatible device provided by others). Sensor Mesh Grouping allows for 16 devices per group, with both Occupancy and Daylight Control. Recommended spacing < 100'. Comes standard with both 8'-20' or 20'-40' mounting lenses. Comes standard with Optional Masks for Aisle Way distributions.

Default Settings

- High Mode: 100% Output
- Auto-ON/Auto-OFF with 20-minute timeout
- Sensitivity: High
- Daylight Harvesting: Enabled

Synapse

Utilizing a robust 2.4 GHz Self-Healing Mesh Network, Synapse provides flexibility and scalability making it a perfect industrial solution for both new construction and retrofit projects. The easy-to-use web application is accessible on any device with an internet connection and allows for complete customization of the system and its features. Integral radio (SYN) includes (2) 24V inputs for a Wattstopper sensor. Sensors available in 20' or 40' mounting lenses. See coverage patterns below. Sensor mounted on hinged driver cover. Antenna exits side of luminaire for maximum connectivity.

USBD

User Selectable Bi-Level Dimming. Allows the end user to manually select the unoccupied dimming level. Once motion is detected, the fixture will return to 100% light output. Sensor mounted off end cap of fixture.

BDxx

Factory set Bi-Level Dimming. Sensor is set to dim level, as indicated in the "xx" portion of the part number, when the area is unoccupied. Example: BD20 sets the fixture to dim down to 20% lumen output when the area is unoccupied. Once motion is detected, the fixture will return to 100% light output. Sensor mounted off end cap of fixture.

BDxxPC

Factory set Bi-Level Dimming with motion and photocell. Sensor is set to dim level, as indicated in the "xx" portion of the part number, when the area is unoccupied and will not return to 100% light output unless 1. motion is detected and 2. the light level is below the preset level. Example: BD20PC sets the fixture to dim down to 20% lumen output when the area is unoccupied and will not return to 100% light output unless the above conditions are met for both motion and light level readings. Sensor mounted off end cap of fixture.

DHPC

Daylight Harvesting off photocell. Fixtures will continually dim up/down throughout the day based on light level readings taken from the photocell control. Sensor mounted off end cap of fixture.

Legrand FSP-311

FSP-311 offers fully adjustable high and low dimmed light levels with optional photocell. Hold off setpoint with automatic calibration option. Adjustable time delay and cut off delay. Sensor adjustable programming via iOS® or Android® 'Sensor Configuration' App. Sensor mounted on center driver channel.

Enlighted 5S/CU/CL

Bundled System with Enlighted Sensor. Fixtures are controlled based on occupancy & ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by the Enlighted Smart Sensors for energy, occupancy & environment. Provided factory installed components only. Enlighted system provided by others. Contact factory for more information. Sensor mounted on center driver channel.

Enlighted 5S/CU/IOT

Bundled System with Enlighted Sensor. Fixtures are controlled based on occupancy and ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by Enlighted Smart Sensors for energy, occupancy & environment. Additionally, the IOT functionality takes the data access and function beyond just lighting to a wide range of applications beyond the standard connected lighting controls. Provided factory installed components only. Enlighted system provided by others. Contact factory for more information. Sensor mounted on center driver channel.

ENDEAVOUR

LINEAR HIGH BAY

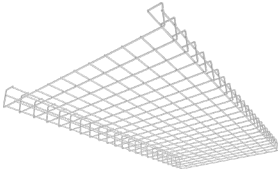
OPTIONS



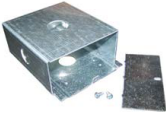
Cx/yW
Cords - (x = 6, 10, 15, 20 (ft)) (y = conductors; 3, 4, 5, 6) Plug options available



QDx/yW
Quick Disconnect - (x = 6, 10, 15, 20 (ft)) (y = conductors; 3, 4, 5, 6)



WC
11 GA Wire Cage



FMB
Includes rigid box to attach to the fixture, provides for single point mounting to accept a pendant, hook or conduit hub (sold separately)



HUB 3/4
Conduit Hub 3/4" for Pendant Mounting



HOOK
Cast Iron Hook for Single Point Mounting

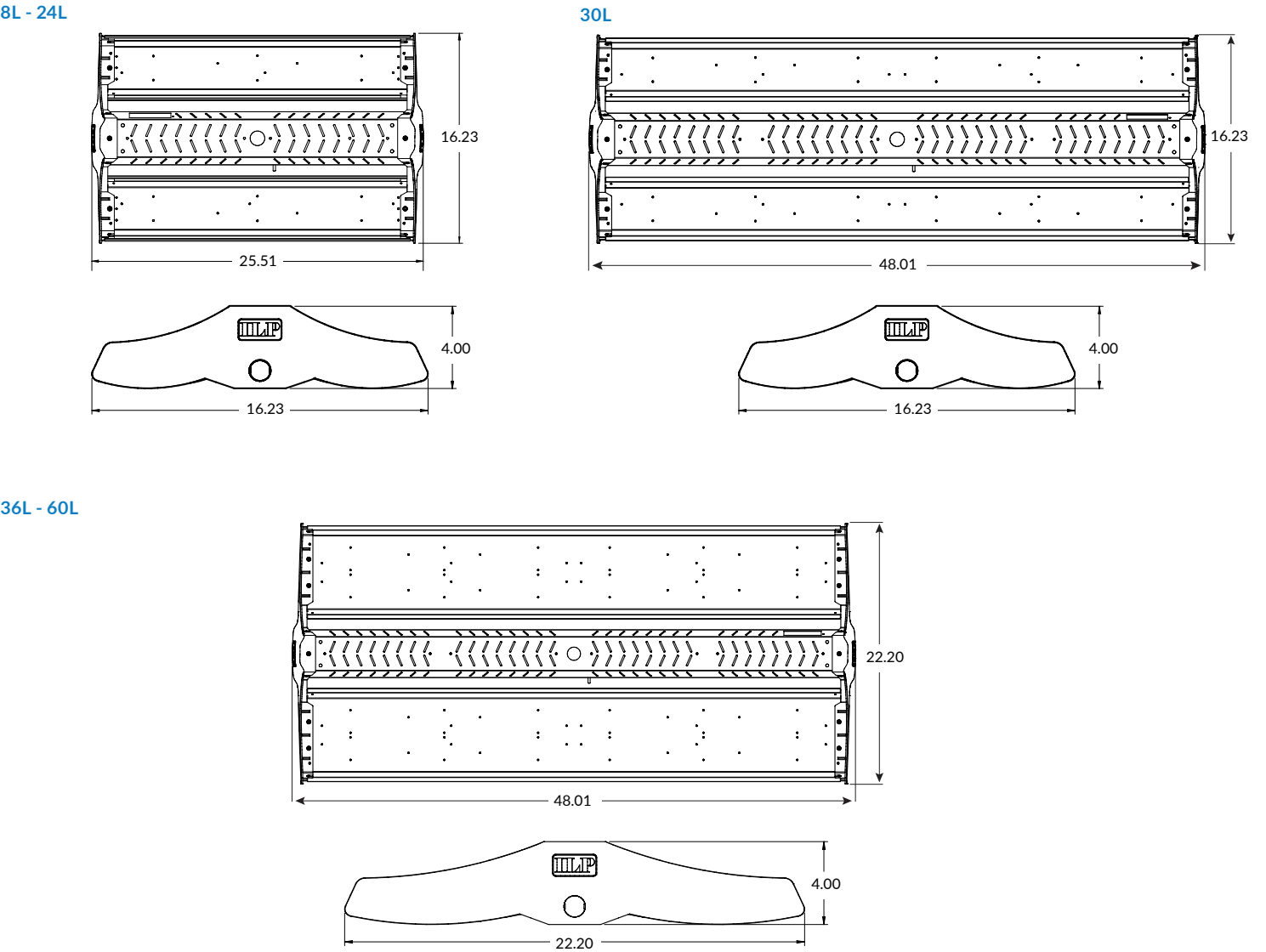


ACxY
Includes 2 adjustable cable hangers. Available in 5' or 10'



SMBZKIT
Surface Mount Bracket Kit provides a 2" space above the fixture

LINE DRAWINGS

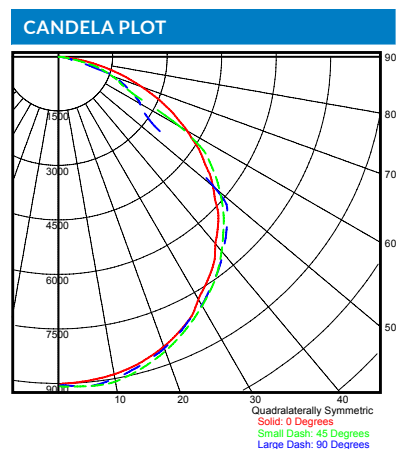


LINEAR HIGH BAY

PHOTOMETRIC DATA

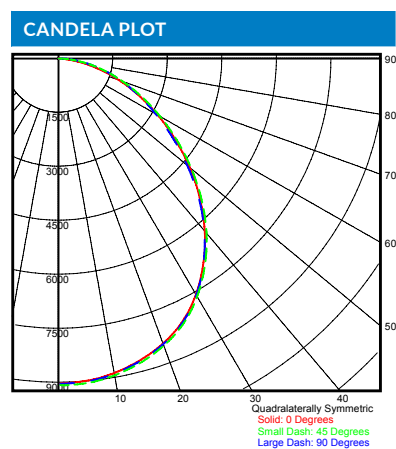
LUMINAIRE DATA	
Part Number	EDV-24L-U-50
Description	Endeavour 2ft High Bay, 24000lm, without lens
Fixture Lumens (lm)	24,950 lm
Wattage (W)	164 W
Efficacy (lm/W)	152 lm/W
Mounting	Pendant
Spacing Criteria	0° = 1.27, 90° = 1.29

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	11,878	48%
0° - 60°	20,932	84%
0° - 90°	24,950	100%
90° - 180°	0	0%
0° - 180°	24,950	100%



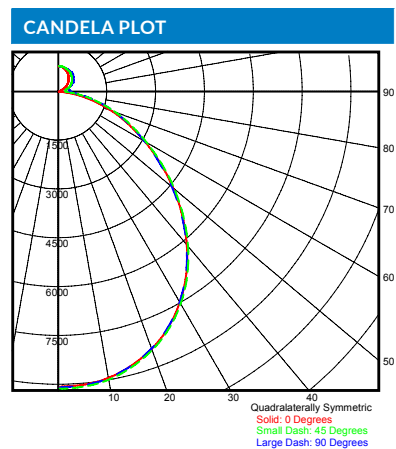
LUMINAIRE DATA	
Part Number	EDV-24L-U-50-FRL
Description	Endeavour 2ft High Bay, 24000lm, with frosted acrylic lens
Fixture Lumens (lm)	23,600 lm
Wattage (W)	163 W
Efficacy (lm/W)	145 lm/W
Mounting	Pendant
Spacing Criteria	0° = 1.24, 90° = 1.24

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	11,452	49%
0° - 60°	19,284	82%
0° - 90°	23,600	100%
90° - 180°	0	0%
0° - 180°	23,600	100%



LUMINAIRE DATA	
Part Number	EDV-24L-U-50-FRL-UP/2L
Description	Endeavour 2ft High Bay, 24000lm, w/ frosted acrylic lens & 2000lm uplight
Fixture Lumens (lm)	25,600 lm
Wattage (W)	176 W
Efficacy (lm/W)	145 lm/W
Mounting	Pendant
Spacing Criteria	0° = 1.24, 90° = 1.24

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	11,452	45%
0° - 60°	19,284	75%
0° - 90°	23,600	92%
90° - 180°	2,000	8%
0° - 180°	25,600	100%



LUMINAIRE DATA	
Part Number	EDV-24L-U-50-FRL-ND
Description	Endeavour 2ft High Bay, 24000lm, with narrow distribution through a frosted acrylic lens
Fixture Lumens (lm)	21,780 lm
Wattage (W)	163 W
Efficacy (lm/W)	134 lm/W
Mounting	Pendant
Spacing Criteria	$0 = 1.14 \quad 90 = 0.82$

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	12,945	59.5%
0° - 60°	18,909	86.8%
0° - 90°	21,780	100%
90° - 180°	0	0%
0° - 180°	21,780	100%

