

ENDEAVOUR 2.0

LINEAR HIGH BAY



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

FEATURES

- Sleek Curved Polycarbonate Injection Molded End Caps
- White and black finish options
- 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 (standard)
- Advanced and Basic Controls Options
- 131°F Standard Ambient Temperature Range
- 149° Max High Ambient Temperature Option
- 3000K-5000K CCT
- Uplight Options to optimize full room illumination
- 17 Size/Lumen packages:
 - 2': 8L - 36L
 - 4': 12L - 100L
- >80 Color Rendering Index (CRI)
- Calculated Lg0 >100,000 hrs
- 0-10V Dimmable Driver (100%-10%)
- 5 Year Warranty (standard); 10 Year Warranty Optional
- ETL Listed for Damp Location



Fixtures shown with Frosted Lens (FRL)



SUITABLE APPLICATIONS

- Gymnasium
- Manufacturing
- Warehouse
- Distribution Centers
- Hangar
- Retail
- Government Facilities
- Auto Service Bays/Lanes

ORDERING GUIDE:

SERIES	LUMENS (select one)	DRIVER	CCT	LENS	DISTRIBUTION	UPLIGHT	FINISH	TEMPERATURE ⁴	WARRANTY	
2' Endeavour	EDV2 8L	8,000 lm	U 120-277V	50 5000K	BLANK No Lens	BLANK Wide	BLANK No Uplight	BLANK White	BLANK Standard	BLANK 5 Year
	12L	12,000 lm		40 4000K	FRL Frosted Acrylic	ND Narrow	UP/2L 2000lm Uplight	BLK ² Black	HT ⁵ High Ambient	10YR ⁶ 10 Year
	15L	15,000 lm		35 3500K	PFL Frosted Polycarbonate		UP/3L 3000lm Uplight	RALx ³ Custom		
	18L	18,000 lm		30 3000K			UP/4L ¹ 4000lm Uplight			
	24L	24,000 lm								
4' Endeavour	EDV4 12L	12,000 lm								
	15L	15,000 lm								
	18L	18,000 lm								
	24L	24,000 lm								
	30L	30,000 lm								
	36L	36,000 lm								
	48L	48,000 lm								
	60L	60,000 lm								
75L	75,000 lm									
100L	100,000 lm									

Factory Installed		Ship With Accessories	
-------------------	--	-----------------------	--

<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>CORDx</td><td>Cord (x = ft)</td></tr> <tr><td>CORD/XFT/L7-15P</td><td>Cord (x=ft) with 277V 15amp Plug</td></tr> <tr><td>QDCx</td><td>Quick Disconnect Cord (x = ft)</td></tr> <tr><td>GTD</td><td>Factory Installed Generator Transfer Device</td></tr> <tr><td>EM5</td><td>5W LED Factory Installed Battery Backup</td></tr> <tr><td>EM5/HE</td><td>5W LED Factory Installed Battery Backup - CEC Title 20 Compliant</td></tr> <tr><td>EM7</td><td>7W LED Factory Installed Battery Backup</td></tr> <tr><td>EM7/HE</td><td>7W LED Factory Installed Battery Backup - CEC Title 20 Compliant</td></tr> <tr><td>EM10</td><td>10W LED Factory Installed Battery Backup</td></tr> <tr><td>EM10/HE</td><td>10W LED Factory Installed Battery Backup - CEC Title 20 Compliant</td></tr> <tr><td>EM10/HE-SD</td><td>10W Self Diagnostic Battery Backup - CEC Title 20 Compliant</td></tr> <tr><td>EM12</td><td>12W LED Factory Installed Battery Backup</td></tr> <tr><td>EM20^{7,8}</td><td>20W LED Factory Installed Battery Backup - CEC Title 20 Compliant</td></tr> <tr><td>EM25^{7,8}</td><td>25W LED Factory Installed Battery Backup</td></tr> <tr><td>SD347</td><td>347V Step Down Transformer</td></tr> <tr><td>SD480</td><td>480V Step Down Transformer</td></tr> </table>	CORDx	Cord (x = ft)	CORD/XFT/L7-15P	Cord (x=ft) with 277V 15amp Plug	QDCx	Quick Disconnect Cord (x = ft)	GTD	Factory Installed Generator Transfer Device	EM5	5W LED Factory Installed Battery Backup	EM5/HE	5W LED Factory Installed Battery Backup - CEC Title 20 Compliant	EM7	7W LED Factory Installed Battery Backup	EM7/HE	7W LED Factory Installed Battery Backup - CEC Title 20 Compliant	EM10	10W LED Factory Installed Battery Backup	EM10/HE	10W LED Factory Installed Battery Backup - CEC Title 20 Compliant	EM10/HE-SD	10W Self Diagnostic Battery Backup - CEC Title 20 Compliant	EM12	12W LED Factory Installed Battery Backup	EM20^{7,8}	20W LED Factory Installed Battery Backup - CEC Title 20 Compliant	EM25^{7,8}	25W LED Factory Installed Battery Backup	SD347	347V Step Down Transformer	SD480	480V Step Down Transformer	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>SMZBKIT/EDV</td><td>Surface Mount Bracket (2), leaves 2" gap b/w fixture and surface</td></tr> <tr><td>FMB/EDV⁹</td><td>Fixture Mounting Box - Use when single point mounting</td></tr> <tr><td>HOOK¹⁰</td><td>Cast Hook</td></tr> <tr><td>HUB 3/4¹⁰</td><td>3/4 Conduit Hub</td></tr> <tr><td>HB-60-18Y-PAD</td><td>5' adjustable Y-Toggle aircraft cable set</td></tr> <tr><td>HB-120-18Y-PAD</td><td>10' adjustable Y-Toggle aircraft cable set</td></tr> <tr><td>ES/PCD¹¹</td><td>EasySense Pre-Programmed Control Device</td></tr> <tr><td>ES/IR¹²</td><td>EasySense Commissioning IR Blaster</td></tr> <tr><td>ES/WWS/DR</td><td>EasySense Dual Rocker Wireless Wall Switch</td></tr> <tr><td>WC</td><td>11ga Wire Cage</td></tr> </table>	SMZBKIT/EDV	Surface Mount Bracket (2), leaves 2" gap b/w fixture and surface	FMB/EDV⁹	Fixture Mounting Box - Use when single point mounting	HOOK¹⁰	Cast Hook	HUB 3/4¹⁰	3/4 Conduit Hub	HB-60-18Y-PAD	5' adjustable Y-Toggle aircraft cable set	HB-120-18Y-PAD	10' adjustable Y-Toggle aircraft cable set	ES/PCD¹¹	EasySense Pre-Programmed Control Device	ES/IR¹²	EasySense Commissioning IR Blaster	ES/WWS/DR	EasySense Dual Rocker Wireless Wall Switch	WC	11ga Wire Cage
CORDx	Cord (x = ft)																																																				
CORD/XFT/L7-15P	Cord (x=ft) with 277V 15amp Plug																																																				
QDCx	Quick Disconnect Cord (x = ft)																																																				
GTD	Factory Installed Generator Transfer Device																																																				
EM5	5W LED Factory Installed Battery Backup																																																				
EM5/HE	5W LED Factory Installed Battery Backup - CEC Title 20 Compliant																																																				
EM7	7W LED Factory Installed Battery Backup																																																				
EM7/HE	7W LED Factory Installed Battery Backup - CEC Title 20 Compliant																																																				
EM10	10W LED Factory Installed Battery Backup																																																				
EM10/HE	10W LED Factory Installed Battery Backup - CEC Title 20 Compliant																																																				
EM10/HE-SD	10W Self Diagnostic Battery Backup - CEC Title 20 Compliant																																																				
EM12	12W LED Factory Installed Battery Backup																																																				
EM20^{7,8}	20W LED Factory Installed Battery Backup - CEC Title 20 Compliant																																																				
EM25^{7,8}	25W LED Factory Installed Battery Backup																																																				
SD347	347V Step Down Transformer																																																				
SD480	480V Step Down Transformer																																																				
SMZBKIT/EDV	Surface Mount Bracket (2), leaves 2" gap b/w fixture and surface																																																				
FMB/EDV⁹	Fixture Mounting Box - Use when single point mounting																																																				
HOOK¹⁰	Cast Hook																																																				
HUB 3/4¹⁰	3/4 Conduit Hub																																																				
HB-60-18Y-PAD	5' adjustable Y-Toggle aircraft cable set																																																				
HB-120-18Y-PAD	10' adjustable Y-Toggle aircraft cable set																																																				
ES/PCD¹¹	EasySense Pre-Programmed Control Device																																																				
ES/IR¹²	EasySense Commissioning IR Blaster																																																				
ES/WWS/DR	EasySense Dual Rocker Wireless Wall Switch																																																				
WC	11ga Wire Cage																																																				

* See control options and footnotes on page 2

LINEAR HIGH BAY

ORDERING GUIDE:

		CONTROLS OPTIONS	
Basic		Advanced	
FIOS ¹²	On/Off Occupancy Sensor	ES/HB ^{13,16,17}	EasySense High Bay Sensor
CLOS ^{15,18}	Cold Storage On/Off Occupancy Sensor (-40F)	FSP-311/Lx ^{15,18}	Legrand FSP-311 Sensor LX = Mounting Height - L3 = 20'MH - L7 = 40'MH
FIOSPC ^{12,14}	On/Off Occupancy Sensor w/ Photocell	ZLD1Z ^{15,18}	Leviton ZLD1Z 120-277V Bluetooth Groupable Sensor (16 Devices) w/ 8-20' & 20-40' lens included
FIOSPC/DLH ^{12,14}	On/Off Occupancy Sensor w/ Daylight Harvesting	5S/CU/IL ^{15,19}	Enlighted 5E Independent Lighting (IL) Sensor w/ Control Unit
DHPC ^{12,14}	Daylight Harvesting	5S/CU/CL ^{15,19,20}	Enlighted 5E Connected Lighting (CL) Sensor w/ Control Unit
USBD ^{12,14}	User Selectable Bi-Level Dim Sensor w/ Occupancy	5S/CU/IOT ^{15,19,20}	Enlighted 5E IOT Lighting (IOT) Sensor w/ Control Unit
BDxx ^{12,14}	Preset Bi-Level Dim Sensor (xx = eg. 20%,30%)	SYN ²⁰	Synapse Control System
BDxxPC ^{12,14}	Preset Bi-Level Dim Sensor w/ Photocell	SYNS/Lx ^{15,18,20}	Synapse Control System w/ Sensor (x=Mounting height, 3=20', 7=40')

¹ Available for EDV only

² Reduces published performance by 16%

³ Consult Factory for Pricing & Availability

⁴ Reference High Temperature Ratings by lumen package on page 4

⁵ Not available with battery backups

⁶ Consult Factory for more details

⁷ Cannot be used w/ FMB, HUB, or HOOK

⁸ Mounted externally to fixture

⁹ Must use w/ HUB 3/4 for Pendant Mounting

¹⁰ Must use w/ FMB/EDV

¹¹ One Needed Per ProjectL

¹² Must be used with ES/PCD

¹³ Sensor Mounted off end cap of fixture

¹⁴ Operation down to 14°F

¹⁵ Sensor Mounted on center drive channel

¹⁶ Must be used w/ ES/PCD and ES/IR options for commissioning

¹⁷ Operation down to -30°F

¹⁸ Operation down to -40°F

¹⁹ Operation down to 32°F

²⁰ Requires Site Layout, Consult Factory



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 ^{1,3,4}	3000K CCT			3500K CCT			4000K CCT			5000K CCT			Watts ²	Ambient Temp. Range	Replaces
	Part #	Lumens	LPW	DLC	Lumens	LPW	DLC	Lumens	LPW	DLC	Lumens	LPW			
EDV2-8L-U-xx	8142	154	PRM	8276	156	PRM	8410	159	PRM	8679	164	PRM	53	-40F to 131F	100W MH, 4T8
EDV2-8L-U-xx-ND	7981	151	N/A	8113	153	N/A	8245	156	N/A	8508	161	N/A	53	-40F to 131F	100W MH, 4T8
EDV2-8L-U-xx-FRL	7701	146	PRM	7828	148	PRM	7955	150	PRM	8210	155	PRM	53	-40F to 131F	100W MH, 4T8
EDV2-8L-U-xx-FRL-ND	7247	137	N/A	7367	139	PRM	7486	141	PRM	7723	146	PRM	53	-40F to 131F	100W MH, 4T8
EDV2-8L-U-xx-PFL	7343	139	N/A	7464	141	PRM	7586	144	PRM	7828	148	PRM	53	-40F to 131F	100W MH, 4T8
EDV2-8L-U-xx-PFL-ND	6791	128	N/A	6903	130	N/A	7011	133	PRM	7240	137	PRM	53	-40F to 131F	100W MH, 4T8
EDV2-12L-U-xx	11830	141	PRM	12025	144	PRM	12220	146	PRM	12611	151	PRM	84	-40F to 131F	175W MH, 2T5HO
EDV2-12L-U-xx-ND	11597	139	N/A	11789	141	N/A	11980	143	N/A	12363	148	N/A	84	-40F to 131F	175W MH, 2T5HO
EDV2-12L-U-xx-FRL	11190	134	PRM	11375	136	PRM	11560	138	PRM	11929	143	PRM	84	-40F to 131F	175W MH, 2T5HO
EDV2-12L-U-xx-FRL-ND	10970	131	PRM	11151	133	PRM	11332	135	PRM	11694	140	PRM	84	-40F to 131F	175W MH, 2T5HO
EDV2-12L-U-xx-PFL	11396	137	PRM	11584	139	PRM	11772	141	PRM	12148	146	PRM	83	-40F to 131F	175W MH, 2T5HO
EDV2-12L-U-xx-PFL-ND	11172	134	N/A	11356	136	N/A	11540	138	PRM	11909	143	PRM	83	-40F to 131F	175W MH, 2T5HO
EDV2-15L-U-xx	15272	147	PRM	15524	149	PRM	15776	152	PRM	16280	156	PRM	104	-40F to 131F	200W MH, 6T8
EDV2-15L-U-xx-ND	14971	144	N/A	15218	146	N/A	15465	149	PRM	15960	153	PRM	104	-40F to 131F	200W MH, 6T8
EDV2-15L-U-xx-FRL	14446	139	PRM	14684	141	PRM	14923	143	PRM	15400	148	PRM	104	-40F to 131F	200W MH, 6T8
EDV2-15L-U-xx-FRL-ND	14162	136	N/A	14395	138	PRM	14629	141	PRM	15097	145	PRM	104	-40F to 131F	200W MH, 6T8
EDV2-15L-U-xx-PFL	13490	131	STD	13713	133	PRM	13935	135	PRM	14381	140	PRM	103	-40F to 131F	200W MH, 6T8
EDV2-15L-U-xx-PFL-ND	13225	128	N/A	13443	131	N/A	13661	133	PRM	14098	137	PRM	103	-40F to 131F	200W MH, 6T8
EDV2-18L-U-xx	19587	147	STD	19910	150	STD	20233	152	STD	20880	157	STD	133	-40F to 131F	250W MH, 4T5HO
EDV2-18L-U-xx-ND	19201	144	N/A	19518	147	N/A	19835	149	PRM	20460	154	PRM	133	-40F to 131F	250W MH, 4T5HO
EDV2-18L-U-xx-FRL	18392	138	PRM	18696	140	PRM	19000	143	PRM	19607	147	PRM	133	-40F to 131F	250W MH, 4T5HO
EDV2-18L-U-xx-FRL-ND	18030	135	N/A	18328	138	PRM	18626	140	PRM	19221	144	PRM	133	-40F to 131F	250W MH, 4T5HO
EDV2-18L-U-xx-PFL	17679	133	PRM	17971	135	PRM	18263	137	PRM	18847	142	PRM	133	-40F to 131F	250W MH, 4T5HO
EDV2-18L-U-xx-PFL-ND	17331	130	N/A	17618	132	PRM	17904	135	PRM	18476	139	PRM	133	-40F to 131F	250W MH, 4T5HO
EDV2-24L-U-xx	23696	146	STD	24087	148	STD	24478	150	STD	25260	155	STD	163	-40F to 131F	400W MH, 6T5HO
EDV2-24L-U-xx-ND	23444	143	N/A	23830	145	STD	24217	147	STD	24980	152	STD	164	-40F to 131F	400W MH, 6T5HO
EDV2-24L-U-xx-FRL	22373	138	PRM	22742	140	PRM	23111	142	PRM	23850	147	PRM	162	-40F to 131F	400W MH, 6T5HO
EDV2-24L-U-xx-FRL-ND	20798	125	STD	21141	127	PRM	21485	129	PRM	22170	133	PRM	167	-40F to 131F	400W MH, 6T5HO
EDV2-24L-U-xx-PFL	20807	128	PRM	21150	130	PRM	21494	132	PRM	22180	137	PRM	162	-40F to 131F	400W MH, 6T5HO
EDV2-24L-U-xx-PFL-ND	19629	118	N/A	19953	120	STD	20277	122	STD	20920	126	PRM	167	-40F to 131F	400W MH, 6T5HO
EDV2-30L-U-xx	30708	144	STD	31215	146	STD	31722	149	STD	32730	153	STD	213	-40F to 122F	575W MH, 10T8
EDV2-30L-U-xx-ND	29495	138	N/A	29982	140	STD	30468	143	STD	31430	147	STD	214	-40F to 122F	575W MH, 10T8
EDV2-30L-U-xx-FRL	29048	136	PRM	29527	138	PRM	30007	141	PRM	30965	145	PRM	213	-40F to 122F	575W MH, 10T8
EDV2-30L-U-xx-FRL-ND	28476	133	PRM	28946	136	PRM	29416	138	PRM	30356	142	PRM	213	-40F to 122F	575W MH, 10T8
EDV2-30L-U-xx-PFL	27441	129	PRM	27894	131	PRM	28347	133	PRM	29253	137	PRM	213	-40F to 122F	575W MH, 10T8
EDV2-30L-U-xx-PFL-ND	26901	126	N/A	27345	128	PRM	27789	130	PRM	28677	134	PRM	213	-40F to 122F	575W MH, 10T8
EDV2-36L-U-xx	34298	138	STD	34864	141	STD	35430	143	STD	36562	147	STD	248	-40F to 122F	750W MH, 8T5HO
EDV2-36L-U-xx-ND	33623	136	N/A	34178	138	STD	34733	140	STD	35843	144	STD	248	-40F to 122F	750W MH, 8T5HO
EDV2-36L-U-xx-FRL	32443	131	PRM	32979	133	PRM	33514	135	PRM	34570	139	PRM	248	-40F to 122F	750W MH, 8T5HO
EDV2-36L-U-xx-FRL-ND	30464	123	N/A	30967	125	STD	31469	127	PRM	32490	131	STD	248	-40F to 122F	750W MH, 8T5HO
EDV2-36L-U-xx-PFL	30368	123	STD	30869	125	STD	31371	127	PRM	32380	131	PRM	248	-40F to 122F	750W MH, 8T5HO
EDV2-36L-U-xx-PFL-ND	28267	114	N/A	28734	116	N/A	29200	118	STD	30140	122	STD	247	-40F to 122F	750W MH, 8T5HO

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%.

⁴Preliminary test data

SYSTEMS INFO 1,3,4	3000K CCT			3500K CCT			4000K CCT			5000K CCT			Watts ²	Ambient Temp. Range	Replaces
Part #	Lumens	LPW	DLC	Lumens	LPW	DLC	Lumens	LPW	DLC	Lumens	LPW	DLC			
EDV4-12L-U-xx	12537	154	PRM	12744	157	PRM	12951	160	PRM	13365	165	PRM	81	-40F to 131F	175W MH, 2T5HO
EDV4-12L-U-xx-ND	12290	151	N/A	12493	154	N/A	12696	156	N/A	13102	161	N/A	81	-40F to 131F	175W MH, 2T5HO
EDV4-12L-U-xx-FRL	11859	146	PRM	12055	149	PRM	12251	151	PRM	12642	156	PRM	81	-40F to 131F	175W MH, 2T5HO
EDV4-12L-U-xx-FRL-ND	11626	143	N/A	11818	146	PRM	12010	148	PRM	12393	153	PRM	81	-40F to 131F	175W MH, 2T5HO
EDV4-12L-U-xx-PFL	11316	139	PRM	11503	142	PRM	11690	144	PRM	12063	149	PRM	81	-40F to 131F	175W MH, 2T5HO
EDV4-12L-U-xx-PFL-ND	11094	137	N/A	11277	139	N/A	11460	141	PRM	11826	146	PRM	81	-40F to 131F	175W MH, 2T5HO
EDV4-15L-U-xx	15921	156	PRM	16184	158	PRM	16446	161	PRM	16972	166	PRM	102	-40F to 131F	200W MH, 6T8
EDV4-15L-U-xx-ND	15608	153	N/A	15865	155	N/A	16123	158	N/A	16638	163	N/A	102	-40F to 131F	200W MH, 6T8
EDV4-15L-U-xx-FRL	15060	147	PRM	15308	150	PRM	15557	152	PRM	16054	157	PRM	102	-40F to 131F	200W MH, 6T8
EDV4-15L-U-xx-FRL-ND	14764	144	N/A	15007	147	PRM	15251	149	PRM	15738	154	PRM	102	-40F to 131F	200W MH, 6T8
EDV4-15L-U-xx-PFL	14371	141	PRM	14608	143	PRM	14845	145	PRM	15319	150	PRM	102	-40F to 131F	200W MH, 6T8
EDV4-15L-U-xx-PFL-ND	14088	138	N/A	14320	140	N/A	14553	142	PRM	15018	147	PRM	102	-40F to 131F	200W MH, 6T8
EDV4-18L-U-xx	20079	151	PRM	20410	153	PRM	20742	156	PRM	21404	161	PRM	133	-40F to 131F	250W MH, 4T5HO
EDV4-18L-U-xx-ND	19684	148	N/A	20009	150	PRM	20333	153	PRM	20983	158	PRM	133	-40F to 131F	250W MH, 4T5HO
EDV4-18L-U-xx-FRL	18993	143	PRM	19306	145	PRM	19620	147	PRM	20247	152	PRM	133	-40F to 131F	250W MH, 4T5HO
EDV4-18L-U-xx-FRL-ND	18619	140	N/A	18927	142	PRM	19234	145	PRM	19848	149	PRM	133	-40F to 131F	250W MH, 4T5HO
EDV4-18L-U-xx-PFL	18124	136	PRM	18423	138	PRM	18722	141	PRM	19320	145	PRM	133	-40F to 131F	250W MH, 4T5HO
EDV4-18L-U-xx-PFL-ND	17767	133	N/A	18060	136	PRM	18354	138	PRM	18940	142	PRM	133	-40F to 131F	250W MH, 4T5HO
EDV4-24L-U-xx	23871	150	PRM	24265	153	PRM	24659	155	PRM	25447	160	PRM	159	-40F to 131F	400W MH, 6T5HO
EDV4-24L-U-xx-ND	23401	147	N/A	23787	150	PRM	24173	152	PRM	24946	157	PRM	159	-40F to 131F	400W MH, 6T5HO
EDV4-24L-U-xx-FRL	22580	142	PRM	22953	145	PRM	23325	147	PRM	24071	152	PRM	159	-40F to 131F	400W MH, 6T5HO
EDV4-24L-U-xx-FRL-ND	22136	139	N/A	22501	142	PRM	22866	144	PRM	23597	149	PRM	159	-40F to 131F	400W MH, 6T5HO
EDV4-24L-U-xx-PFL	21244	134	PRM	21595	136	PRM	21946	138	PRM	22647	143	PRM	159	-40F to 131F	400W MH, 6T5HO
EDV4-24L-U-xx-PFL-ND	20826	131	N/A	21170	133	PRM	21514	136	PRM	22201	140	PRM	159	-40F to 131F	400W MH, 6T5HO
EDV4-30L-U-xx	30684	144	PRM	31190	147	PRM	31697	149	PRM	32700	154	PRM	212	-40F to 131F	575W MH, 10T8
EDV4-30L-U-xx-ND	30080	142	N/A	30577	144	N/A	31073	146	STD	32066	151	STD	212	-40F to 131F	575W MH, 10T8
EDV4-30L-U-xx-FRL	29802	137	PRM	30294	139	PRM	30786	141	PRM	31769	146	PRM	218	-40F to 131F	575W MH, 10T8
EDV4-30L-U-xx-FRL-ND	27478	130	N/A	27931	132	PRM	28385	134	PRM	29300	138	PRM	212	-40F to 131F	575W MH, 10T8
EDV4-30L-U-xx-PFL	26875	127	PRM	27318	129	PRM	27762	131	STD	28650	135	PRM	212	-40F to 131F	575W MH, 10T8
EDV4-30L-U-xx-PFL-ND	25777	122	N/A	26202	124	N/A	26628	126	PRM	27480	130	PRM	212	-40F to 131F	575W MH, 10T8
EDV4-36L-U-xx	36334	147	PRM	36933	149	PRM	37533	152	PRM	38732	156	PRM	248	-40F to 131F	750W MH, 8T5HO
EDV4-36L-U-xx-ND	35619	144	N/A	36207	146	N/A	36795	149	PRM	37970	153	PRM	248	-40F to 131F	750W MH, 8T5HO
EDV4-36L-U-xx-FRL	34369	139	PRM	34936	141	PRM	35504	143	PRM	36638	148	PRM	248	-40F to 131F	750W MH, 8T5HO
EDV4-36L-U-xx-FRL-ND	33693	136	N/A	34249	138	PRM	34805	141	PRM	35917	145	PRM	248	-40F to 131F	750W MH, 8T5HO
EDV4-36L-U-xx-PFL	32261	130	PRM	32794	132	PRM	33326	134	PRM	34391	139	PRM	248	-40F to 131F	750W MH, 8T5HO
EDV4-36L-U-xx-PFL-ND	31626	127	N/A	32148	130	N/A	32670	132	STD	33714	136	PRM	248	-40F to 131F	750W MH, 8T5HO
EDV4-48L-U-xx	47834	146	PRM	48623	148	PRM	49413	151	PRM	50990	156	PRM	328	-40F to 131F	1000W MH, 10T5HO
EDV4-48L-U-xx-ND	46893	143	N/A	47667	146	STD	48440	148	STD	49988	153	STD	328	-40F to 131F	1000W MH, 10T5HO
EDV4-48L-U-xx-FRL	44148	135	PRM	44877	137	PRM	45606	140	PRM	47050	144	PRM	327	-40F to 131F	1000W MH, 10T5HO
EDV4-48L-U-xx-FRL-ND	43280	133	N/A	43994	135	PRM	44708	137	PRM	46137	141	PRM	327	-40F to 131F	1000W MH, 10T5HO
EDV4-48L-U-xx-PFL	43058	132	STD	43768	134	PRM	44479	136	PRM	45900	141	PRM	327	-40F to 131F	1000W MH, 10T5HO
EDV4-48L-U-xx-PFL-ND	42210	129	N/A	42907	131	STD	43604	134	PRM	44997	138	PRM	327	-40F to 131F	1000W MH, 10T5HO
EDV4-60L-U-xx	61368	144	STD	62381	147	STD	63394	149	STD	65419	154	STD	425	-40F to 122F	1000W MH, 12T5HO
EDV4-60L-U-xx-ND	60160	142	N/A	61153	144	STD	62146	146	STD	64132	151	STD	425	-40F to 122F	1000W MH, 12T5HO
EDV4-60L-U-xx-FRL	58049	137	STD	59007	139	STD	59965	141	STD	61882	146	STD	425	-40F to 122F	1000W MH, 12T5HO
EDV4-60L-U-xx-FRL-ND	56907	134	N/A	57846	136	PRM	58786	138	PRM	60664	143	PRM	425	-40F to 122F	1000W MH, 12T5HO
EDV4-60L-U-xx-PFL	55392	130	PRM	56307	133	PRM	57221	135	PRM	59049	139	PRM	425	-40F to 122F	1000W MH, 12T5HO
EDV4-60L-U-xx-PFL-ND	54302	128	N/A	55199	130	PRM	56095	132	PRM	57887	136	PRM	425	-40F to 122F	1000W MH, 12T5HO
EDV4-75L-U-xx	70067	145	STD	71223	148	STD	72380	150	STD	74693	155	STD	482	-40F to 122F	1000W MH, 12T5HO
EDV4-75L-U-xx-ND	68688	143	N/A	69822	145	N/A	70956	147	STD	73223	152	STD	482	-40F to 122F	1000W MH, 12T5HO
EDV4-75L-U-xx-FRL	66278	138	STD	67372	140	STD	68466	142	STD	70654	147	STD	482	-40F to 122F	1000W MH, 12T5HO
EDV4-75L-U-xx-FRL-ND	64974	135	N/A	66046	137	PRM	67119	139	PRM	69250	144	PRM	482	-40F to 122F	1000W MH, 12T5HO
EDV4-75L-U-xx-PFL	64675	134	PRM	65743	136	PRM	66810	139	PRM	68945	143	PRM	482	-40F to 122F	1000W MH, 12T5HO
EDV4-75L-U-xx-PFL-ND	60281	125	N/A	61276	127	N/A	62271	129	PRM	64280	133	PRM	483	-40F to 122F	1000W MH, 12T5HO
EDV4-100L-U-xx	93665	146	STD	95211	148	STD	96756	150	STD	99848	155	STD	644	-40F to 122F	1000W MH, 12T5HO
EDV4-100L-U-xx-ND	91822	143	N/A	93337	145	N/A	94853	147	STD	97883	152	STD	644	-40F to 122F	1000W MH, 12T5HO
EDV4-100L-U-xx-FRL	88600	138	STD	90062	140	STD	91524	142	STD	94449	147	STD	644	-40F to 122F	1000W MH, 12T5HO
EDV4-100L-U-xx-FRL-ND	86856	135	N/A	88290	137	STD	89723	139	STD	92590	144	STD	644	-40F to 122F	1000W MH, 12T5HO
EDV4-100L-U-xx-PFL	84545	131	STD	85940	134	STD	87335	136	STD	90126	140	STD	644	-40F to 122F	1000W MH, 12T5HO
EDV4-100L-U-xx-PFL-ND	82881	129	N/A	84249	131	N/A	85617	133	STD	88340	137	STD	644	-40F to 122F	1000W MH, 12T5HO

¹ LED Chips are frequently updated therefore values are nominal

³ BLK fixture finish reduces stated performance by 16%.

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

⁴ Preliminary test data

LINEAR HIGH BAY**AMBIENT TEMPERATURE RANGE**

PART NUMBERS	Suspended (18 in)	
	Standard	High Temp
EDV2-8L	131	149
EDV2-12L	131	149
EDV2-15L	131	149
EDV2-18L	131	149
EDV2-24L	131	N/A
EDV2-30L	122	N/A
EDV2-36L	122	N/A
EDV4-12L	131	N/A
EDV4-15L	131	N/A
EDV4-18L	131	N/A
EDV4-24L	131	149
EDV4-30L	131	149
EDV4-36L	131	149
EDV4-48L	131	149
EDV4-60L	122	149
EDV4-75L	122	131
EDV4-100L	122	131

LINEAR HIGH BAY

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 $L_{80} > 100,000$ 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.

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. Optional uplight wired to sensor if ordered together.

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

Standard ambient temperature range -40°F up to 131°F (-40°C to 55°C), Optional high ambient temperature range -40°F up to 149°F (-40°C to 65°C). Fixture to be mounted at a minimum plenum height of 18" to maintain maximum ambient temperature. Reduced maximum ambient for surface mounting, emergency battery backup, and step down transformers; see ambient temperature table on page 4 for more details

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.

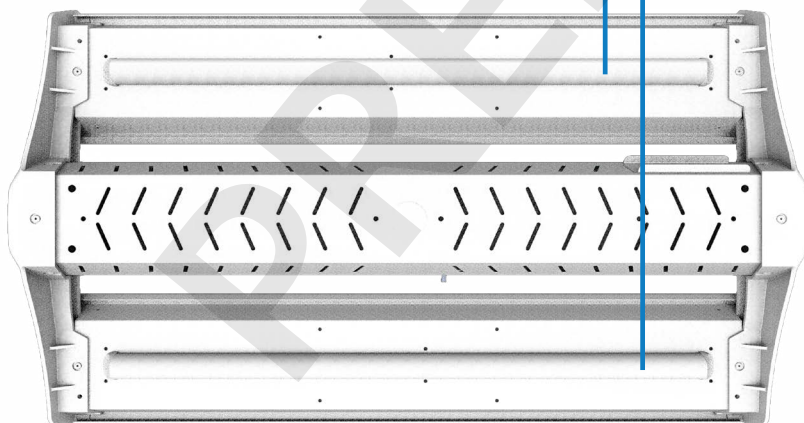
CERTIFICATIONS

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](#)).

Uplight Option Modules



LINEAR HIGH BAY

CONTROLS OPTIONS

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 ES/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. Requires use of EasySense Pre-Programmed Control Device (ES/PCD) & Commissioning IR Blaster (ES/IR); one of each needed per project. (Sold separately). Sensor mounted off end cap of fixture.

Synapse (SYN or SYNS)

Utilizing a robust 2.4 GHz Self-Healing Mesh Network, Synapse provides flexibility and scalability making it a perfect 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 luminaire for maximum connectivity.

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.

Default Settings:

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

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.

USB

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.

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/IL

Bundled System with Enlighted 5E sensor (SU-5S-H-IL), Control Unit (CU-4E-FM) and Cable (CBL-5E-CU4-30N). Fixtures are controlled based on occupancy and ambient light. Includes ability to group fixtures together and connect to a switch to zone fixtures for group operation. Provided factory installed components only. Enlighted system provided by others. Contact factory for more information. Sensor mounted on center driver channel.

Enlighted 5S/CU/CL

Bundled System with Enlighted 5E sensor (SU-5S-H-CL), Control Unit (CU-4E-FM) & Cable (CBL-5E-CU4-30N). 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 5E sensor (SU-5S-H-IOT), Control Unit (CU-4E-FM) and Cable (CBL-5E-CU4-30N). 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.

LINEAR HIGH BAY

OPTIONS



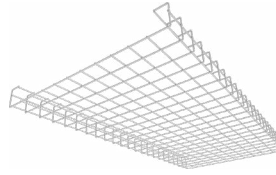
CORDx

Cords available in 6ft, 10ft, 12ft & 20ft
(Inquire for additional options) Plug options available



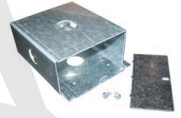
QDCx

Quick Disconnect Cords available in 6ft, 10ft, 12ft & 20ft (Inquire for additional options) Plug options available.



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



HB-XX-18Y-PAD

Includes 2 adjustable cable hangers. Available in 60", 120", 180" & 240"

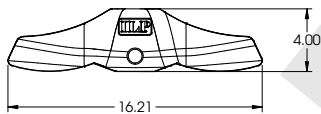
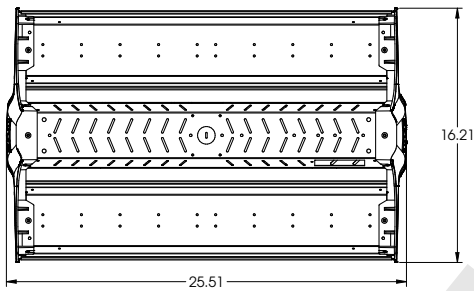


SMBZKIT

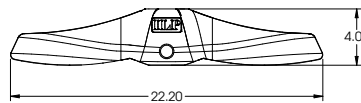
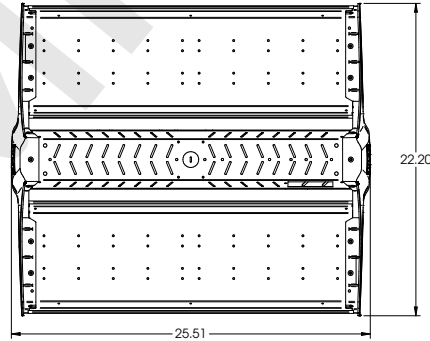
Surface Mount Bracket Kit provides a 2" space above the fixture

LINE DRAWINGS

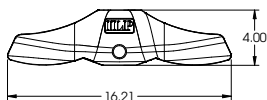
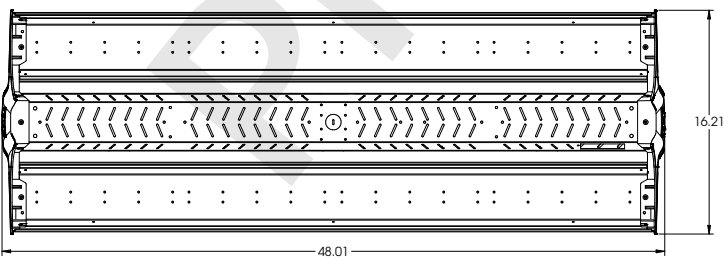
2 FT SMALL 8L - 24L



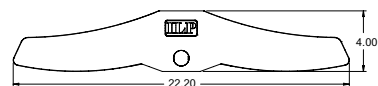
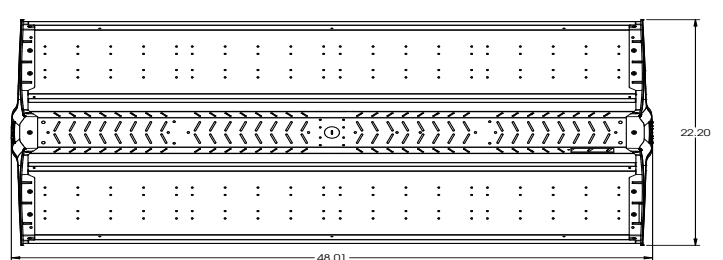
2 FT LARGE 30L - 36L



4 FT SMALL 12L - 30L



4 FT LARGE 36L - 100L

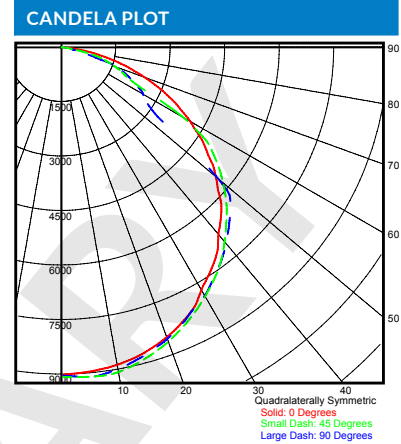


LINEAR HIGH BAY

PHOTOMETRIC DATA

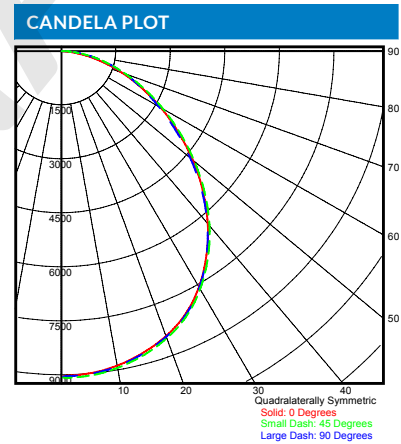
LUMINAIRE DATA	
Part Number	EDV2-24L-U-50
Description	Endeavor 2ft High Bay, 24000lm, without lens
Fixture Lumens (lm)	25,255 lm
Wattage (W)	163 W
Efficacy (lm/W)	155 lm/W
Mounting	Pendant
Spacing Criteria	0° = 1.28, 90° = 1.29

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	12,031	48%
0° - 60°	21,187	84%
0° - 90°	25,255	100%
90° - 180°	0	0%
0° - 180°	25,255	100%



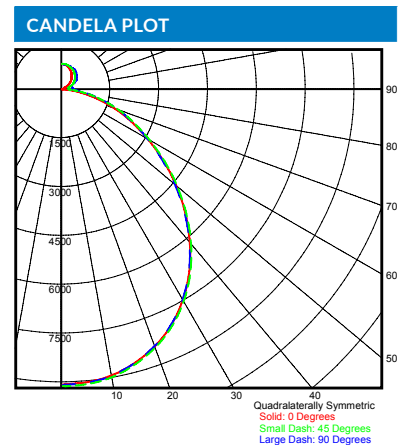
LUMINAIRE DATA	
Part Number	EDV2-24L-U-50-FRL
Description	Endeavor 2ft High Bay, 24000lm, with frosted acrylic lens
Fixture Lumens (lm)	23,849 lm
Wattage (W)	162 W
Efficacy (lm/W)	147 lm/W
Mounting	Pendant
Spacing Criteria	0° = 1.24, 90° = 1.24

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	11,424	48%
0° - 60°	19,177	80%
0° - 90°	23,309	98%
90° - 180°	540	2%
0° - 180°	23,849	100%



LUMINAIRE DATA	
Part Number	EDV2-24L-U-50-FRL-UP/2L
Description	Endeavor 2ft High Bay, 24000lm, with frosted acrylic lens & 2000lm upright
Fixture Lumens (lm)	
Wattage (W)	
Efficacy (lm/W)	
Mounting	
Spacing Criteria	

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	EDV2-24L-U-50-FRL-ND
Description	Endeavor 2ft High Bay, 24000lm, with narrow distribution through a frosted acrylic lens
Fixture Lumens (lm)	22,166 lm
Wattage (W)	167 W
Efficacy (lm/W)	133 lm/W
Mounting	Pendant
Spacing Criteria	0° = 1.16, 90° = 0.80

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	13,640	62%
0° - 60°	19,488	88%
0° - 90°	21,987	99%
90° - 180°	179	1%
0° - 180°	22,166	100%

