

PXP LED

Explosionproof Linear LED Lighting

FEATURES

- Two permanent safety cable attachment points
- Field replaceable LED circuit boards and drivers with quick disconnects
- Convenient wiring access through screw-cap covers
- 55°C Ambient Temperature
- Self-contained emergency battery back-up (optional)
- Oversized, finned driver housing for greater heat dissipation
- Factory Sealed
- Paint Spray Booth
- Emergency Battery Backup
- Three mounting positions 45°/90°/45°, mounting bracket included
- Shock mount and beam clamp mounting options
- Dimming and outboard options



STANDARD MATERIALS

- Body: A361 aluminum (less than .4% copper content)
- Reflector: 6063T5 aluminum (less than .4% copper content) with baked-on white epoxy finish
- Lens: Borosilicate glass
- Hardware: Stainless Steel

WARRANTY & LISTINGS


- Class I, Division 1, Groups C & D
- Class I, Division 2, Groups C & D
- Class II, Division 1 & 2, Groups E, F & G
- Class III
- Class I, Zone 1, Groups IIA and IIB
- Class I, Zone 2, Groups IIA, IIB and IIC
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- NEMA 4X, 7CD & 9EFG
- CUL
- IP66
- UL 8750 LED Safety
- Tested to LM 79 & LM 80
- 2.5 kV Surge protection
- 5-year warranty

ORDERING INFORMATION: EXAMPLE: PXP 75L - 4 - 3L - U -XX

MODEL	LAMP(S) WATTAGE	FIXTURE LENGTH	# OF LAMPS	VOLTAGE/FREQUENCY	MOUNTING STYLE	FOOTNOTES
PXP	30L = 30 Watt LED (2 ft. 2 tube) ³ 40L = 40 Watt LED (2 ft. 3 tube) ⁴ 50L = 46 Watt LED (4 ft. 2 tube) 75L = 73 Watt LED (4 ft. 3 tube) 100L = 93 Watt LED (4 ft. 4 tube)	2 = 2 Foot 4 = 4 Foot	2L = 2 Tubes 3L = 3 Tubes 4L = 4 Tubes	U = 120 thru 277V 50/60 HZ	EM= Emergency Battery Backup EMO= Emergency Operation Only ⁵ D= Dimmable (0-10 Volt) F= Inline Fuse (External) ² OB= Out Board Option 35= 3500K (CCT) 50= 5000K (CCT)	¹ Consult factory for pricing. ² Fuse option not available for marine listed fixtures. ³ 2 ft. two tube fixtures available with EMO option only. ⁴ EM or EMO option not available with 2 ft. 3 tube fixture ⁵ EMO option available for 2 ft. 2 tube fixture only.

TWO TUBE EXP

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 1, Group C & D	Class II, Div. 1, Group E, F & G Class II	Simultaneous Presence	Supply Wire Suitable Temperature, °C	Hub Size	Shipping Weight (lbs)
XP30L22LU	2 ft	30W	120V - 277V 50/60 Hz	2783	105	84	3965	-20°C < Tamb < 55°C	T6	T4A	T4A	75°C	1/2 in. NPT	40
XP50L42LU	4 ft	48W	120V - 277V 50/60 Hz	5450	116	84	4087	-20°C < Tamb < 55°C	T6	T4A	T4A	75°C	1/2 in. NPT	65

	Two Tube Fixture	Description	Hub Size (inches)	Voltage	Catalog Number
	Four Foot	46 Watt LED- 48"	1/2	120-277V 50/60 HZ	XP50L-4-2L-U
	Two Foot	30 Watt LED- 24"	1/2	120-277V 50/60 HZ	XP30L-2-2L-U

2 Tube Fixture Dimensions (inches)



XP SERIES TWO TUBE FIXTURE	Dimensions (inches)					Boxed Weight	Shipping Volume
	A	B	C	D	E		
4 ft. models	53	48.5	6.5	7	11.5	65 lbs.	4.7 cu. ft.
2 ft. models	29	24.5	6.5	7	11.5	40 lbs.	3.1 cu. ft.

Add 5/8 inch to fixture height and 1/4 inch to width when wire guard is used.

Coefficients of Utilization

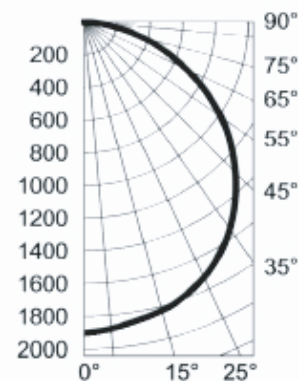
XP50L-4-2L

% Effective Ceiling Cavity Reflectance rcc	80				70				50				30				10			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																			
0	119	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	102
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	86	86	86
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	72	72	72	72
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61	61	61	61
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53	53	53	53
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	46	46	46
6	70	57	48	41	68	56	47	41	54	46	41	52	46	40	51	45	40	40	40	40
7	65	51	43	37	63	51	42	36	49	42	36	48	41	36	46	40	36	36	36	36
8	60	47	38	33	59	46	38	32	45	37	32	44	37	32	42	36	32	32	32	32
9	56	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29	29	29	29
10	53	40	32	26	52	39	32	26	38	31	26	37	31	26	36	30	26	26	26	26

Candlepower Distribution


Deg.	Parl.	22.5	45	67.5	Norm
0	1900	1900	1900	1900	1900
5	1900	1893	1883	1878	1882
15	1839	1832	1818	1815	1826
25	1720	1711	1727	1716	1722
35	1547	1541	1552	1554	1544
45	1296	1308	1317	1304	1301
55	988	1018	1023	1022	1018
65	612	657	687	689	686
75	244	318	343	355	364
85	13	52	40	46	46
90	0	3	3	5	4

LED Photometrics

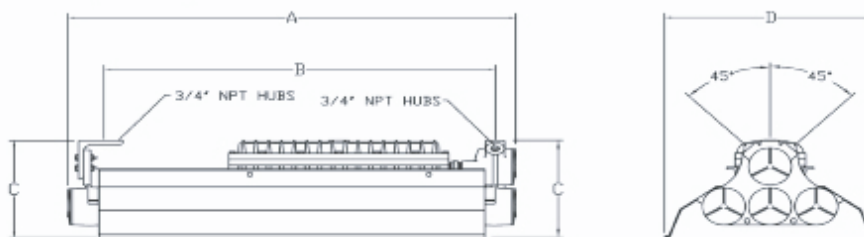


THREE TUBE EXP

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	OCT	Ambient Temperature	Class I, Div. 1, Group C & D	Class II, Div. 1, Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C	Hub Size	Shipping Weight (lbs)
XP40L23LU	2 ft	40W	120V - 277V 50/60 Hz	4110	103	84	4100	-20°C < Tamb < 55°C	T6	T5	T5	75°C	3/4 in. NPT	47
XP75L43LU	4 ft	73W	120V - 277V 50/60 Hz	8220	112	84	4122	-20°C < Tamb < 55°C	T6	T5	T5	75°C	3/4 in. NPT	78

	Three Tube Fixture	Description	Hub Size (inches)	Voltage	Catalog Number
	Four Foot	73 Watt LED- 48"	3/4	120-277V 50/60 HZ	XP75L-4-3L-U
	Two Foot	40 Watt LED- 24"	3/4	120-277V 50/60 HZ	XP40L-2-3L-U

3 Tube Fixture Dimensions (inches)



XP SERIES THREE TUB FIXTURE	Dimensions (inches)				Boxed Weight	Shipping Volume
	A	B	C	D		
4 ft. models	53	48.5	8.94	16.63	78 lbs.	10.5 cu. ft.
2 ft. models	29	24.5	8.94	16.63	47 lbs.	5.5 cu. ft.

Add 5/8 inch to fixture height and 1/4 inch to width when wire guard is used.

Coefficients of Utilization

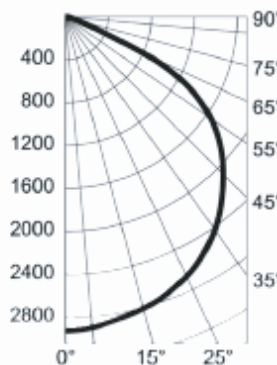
XP75L-4-3L

% Effective Ceiling Cavity Reflectance rcc	80				70				50				30				10			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR																				
Effective Floor Cavity Reflectance 20%																				
0	119	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	102
1	110	105	101	98	107	103	99	96	99	96	93	96	92	90	91	89	88	88	88	88
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	74	74	74
3	91	81	73	67	89	80	72	66	77	70	65	74	69	64	71	67	63	63	63	63
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	54	54	54
5	77	64	55	49	75	63	55	49	61	54	48	59	53	48	57	52	47	47	47	47
6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41	41	41	41
7	66	52	44	38	64	52	43	37	50	43	37	49	42	37	47	41	37	37	37	37
8	61	48	39	33	60	47	39	33	46	38	33	44	38	33	43	37	33	33	33	33
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	29	29	29
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	27	27	27

Candlepower Distribution


Deg.	Parl.	22.5	45	67.5	Norm
0	2925	2925	2925	2925	2925
5	2926	2926	2914	2903	2904
15	2833	2839	2821	2810	2812
25	2657	2660	2656	2670	2667
35	2391	2399	2423	2421	2423
45	2014	2053	2076	2077	2077
55	1550	1613	1647	1655	1651
65	988	1081	1128	800	801
75	414	531	406	189	84
85	31	29	33	33	31
90	0	10	7	3	0

LED Photometrics



FOUR TUBE EXP

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	OCT	Ambient Temperature	Class I, Div. 1, Group C & D	Class II, Div. 1, Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C	Hub Size	Shipping Weight (lbs)
XP100L44LU	4 ft	93W	120V - 277V 50/60 Hz	10918	117	84	4153	-20°C < Tamb < 55°C	T8	T4A	T4A	75°C	3/4 in. NPT	138

	Four Tube Fixture	Description	Hub Size (inches)	Voltage	Catalog Number
	Four Foot	93 Watt LED- 48"	3/4	120-277V 50/60 HZ	XP100L-4-4L-U

4 Tube Fixture Dimensions (inches)



XP SERIES FOUR TUBE FIXTURE	Dimensions (inches)					Boxed Weight	Shipping Volume
	A	B	C	D	E		
4 ft. models	53	49.4	6.8	11.3	23.2	138 lbs.	10.8 cu. ft.

Coefficients of Utilization

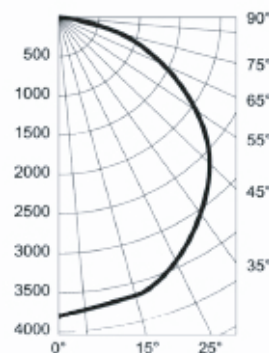
XP100L-4-4L

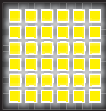
% Effective Ceiling Cavity Reflectance (cc)	80				70				50				30				10			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
Room Cavity Ratio (RCR)	Effective Floor Cavity Reflectance 20%																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102
1	109	104	100	97	106	102	98	95	98	95	92	94	92	89	90	88	87	88	87	87
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	72	76	72	72
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61	66	61	61
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53	58	53	53
5	76	63	54	47	74	62	54	47	60	52	47	58	51	46	56	50	46	51	46	46
6	70	57	48	41	68	56	47	41	54	46	41	52	46	40	51	45	40	46	40	40
7	65	51	43	36	63	51	42	36	49	41	36	48	41	36	46	40	36	41	36	36
8	60	47	38	32	59	46	38	32	45	37	32	44	37	32	42	36	32	37	32	32
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	29	34	29	29
10	53	40	32	26	52	39	31	26	38	31	26	37	31	26	36	30	26	31	26	26

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	3804	3804	3804	3804	3804
5	3797	3766	3744	3742	3734
15	3678	3626	3643	3663	3660
25	3448	3422	3451	3446	3421
35	3103	3101	3077	3056	3048
45	2599	2618	2600	2629	2633
55	1984	2003	2097	2072	2066
65	1251	1329	1401	1417	1416
75	510	651	725	754	771
85	31	104	49	55	58
90	0	6	5	7	5

LED Photometrics





PROlite LED Lighting™

A Division of Emergence® Lighting, Inc.



TYPE: _____ DATE: _____

JOB NAME: _____

CONTRACTOR: _____

CATALOG NO: _____

NOTES: _____

ACCESSORIES



STAINLESS STEEL GUARDS

DESCRIPTION	CATALOG NUMBER
2-Lamp 2-Ft. Fixtures	88321
2-Lamp 4-Ft. Fixtures	88320
3-Lamp 4-Ft. Fixtures	88345

Four Lamp Fixtures Require Two Cat. #88320 Guards



POLYCARBONATE SHIELDS

DESCRIPTION	CATALOG NUMBER
3-Lamp 2-Ft. Fixtures	88000
2-Lamp 2-Ft. Fixtures	88001
2-Lamp 4-Ft. Fixtures	88002
3-Lamp 4-Ft. Fixtures	88003*

Four Lamp Fixtures Require Two Cat. #88002 Shields.

*One 88345 guard required.



Wall/Ceiling Mounting Kit

Catalog Number: 58041 (For 2-lamp fixtures only)
Shipping Weight: 5 lbs.



Shock Mounting Kit

Catalog Number: 58066 (For 2-lamp fixtures only)
Shipping Weight: 5 lbs.



Drop Mounting Kit

Catalog Number: 58067 (For 2-lamp fixtures only)
Shipping Weight: 5 lbs.



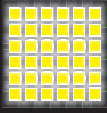
Beam Mounting Kit

Catalog Number: 58065 (For 2-lamp fixtures only)
Shipping Weight: 5 lbs.



Unistrut Mounting Kit

Catalog Number: 58047 (For 4-lamp fixtures only)
Shipping Weight: 5 lbs.



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TYPE: _____ DATE: _____

JOB NAME: _____

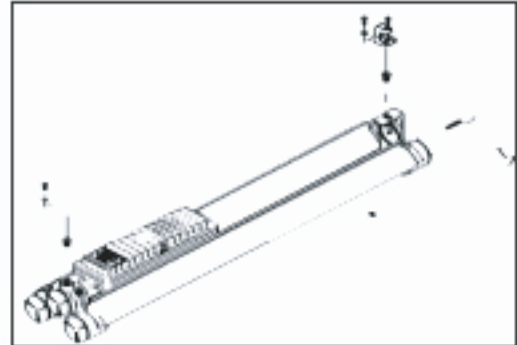
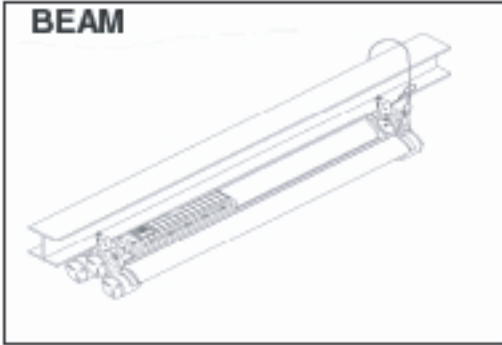
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CATALOG NO: _____

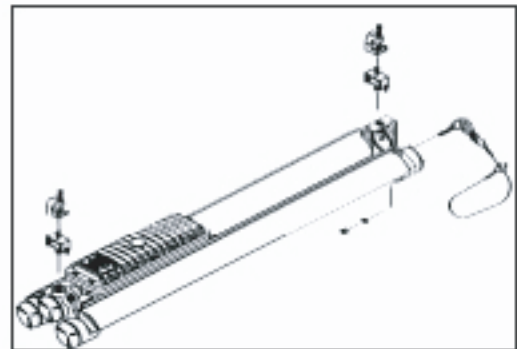
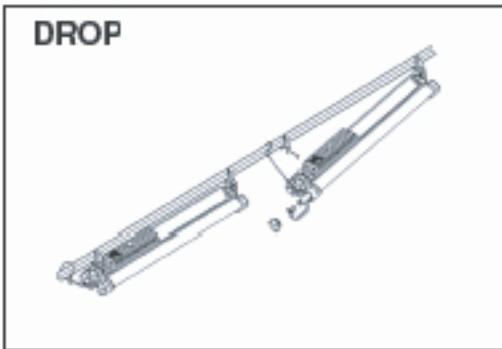
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TYPICAL INSTALLATIONS

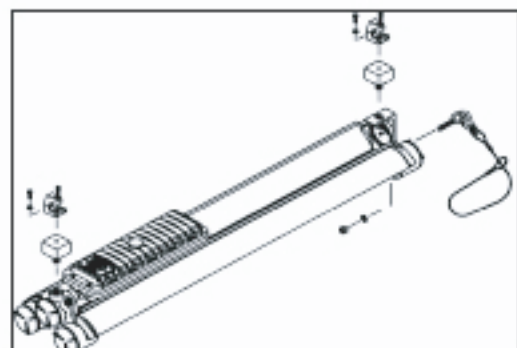
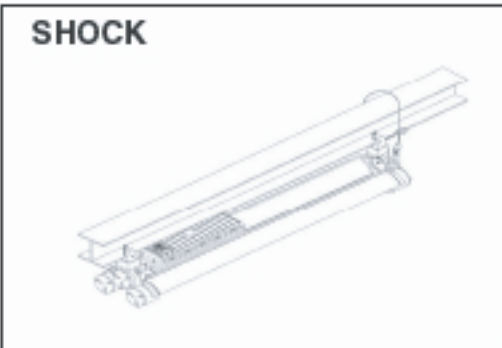
BEAM



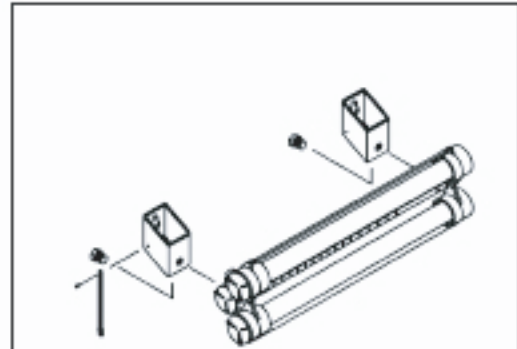
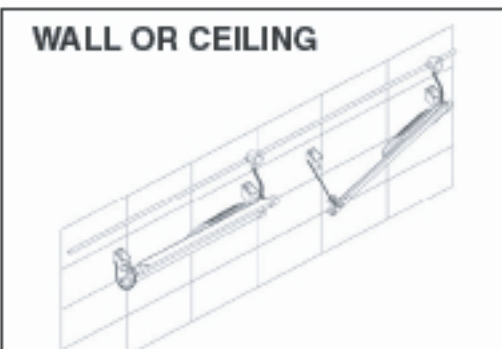
DROP

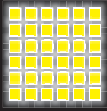


SHOCK



WALL OR CEILING





PROlite LED Lighting™

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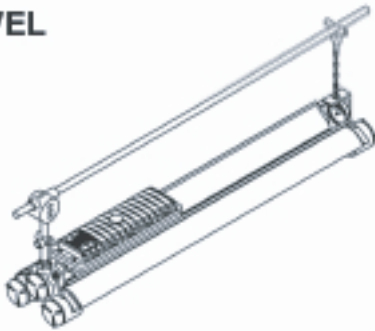
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CONTRACTOR: _____

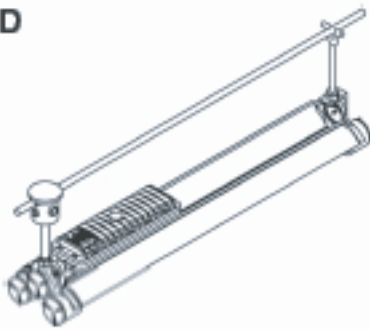
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SWIVEL



RIGID



FLEXIBLE

