

### Module Ordering Information

Style	Series	Type	Lamps	Length	Ballast	Options
LP	1	D	2T8 2T8 = 2-F32T8	4 = 4-Foot 8 = 8-Foot 12 = 12-Foot	U = Universal Voltage E = Emergency Pack D1 = Dimming 120v D2 = Dimming 277v	Blank = No Options DS = A-B Switch X4 = 4 Wire for Dimming & Switched Emergency

Complete ordering instructions below.

### Features

- Housing:** 18 gauge perforated steel with 41% open hole pattern. Holes are 1/16" (0.16cm) diameter on 3/32" (0.24cm) centers. Die-formed steel end cap with concealed access holes for through wiring. No exposed fasteners or hardware.
- Lamping:** Two T8 32 watt fluorescent lamps per 4-foot section. Lamps provided by others.
- Reflector:** Precision die-formed CRS painted high reflectance white.
- Diffuser:** Opal acrylic diffuser.
- Louver:** 3-1/4" (8.26cm) wide by 1" (2.54cm) straight blade louver finished to match housing. Blades on 1-1/2" (3.81cm) centers.

### Electrical

Ballast is universal voltage, <10% THD, .88 ballast factor, instant start. 3 conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting consult factory. Cord is 18/3 SJT. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.  
**Dimming:** 120/277 VAC, 4 wire feed required.  
**Emergency Battery Pack:** 32 watt: 450 lumens @ 90 minutes.

### Mountings

**Cable Suspension (not shown)** - 4-1/2" (11.43cm) diameter flat canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm) without cutting. Overlap connector to provided 46" (116.84cm) of perforated and 2" (5.08cm) solid sections contiguously without the presence of hairline connections (see Bottom View drawing above).

### Options

**Dual Switching:** Order the DS option for separate row switching. DS option automatically ships with the X4 option included.  
**4 Wire:** Order X4 modules for remainder of the run when using dimming and/or switched emergency battery pack modules. Also, order the 4 Wire Cord Power Feed End Sets (LP1EC36X4) when using 4 Wire Modules.  
**Emergency Circuiting:** Special circuiting - consult factory.

### Ordering Information

#### Individual Fixtures:

- Order number of MODULES required.
- Order one POWER FEED END SET per MODULE.

#### Continuous Rows:

- Determine run length.
- Order the appropriate number of MODULES for the complete run.
- Order one POWER FEED END SET per run.
- Order one CABLE ASSEMBLY per MODULE minus one per run.
- For runs that exceed amperage limits, order the appropriate number of SINGLE CABLE & CORD FEEDS.

#### Finish

Powder coated baked white enamel. Custom colors available, consult factory.

#### Labels

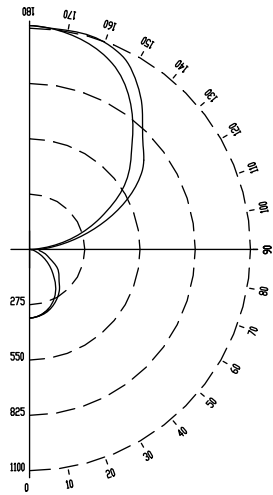
UL, cUL and I.B.E.W.

Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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### Performance

#### CANDLEPOWER CURVE



REPORT NO: LRL 300-1D  
 CAT NO: LP1D2T84U  
 LAMPS: 2 F32T8  
 LUMENS: 2900  
 EFFICIENCY: 78.6%

ZONE DEG.	CANDLEPOWER				
	0	22	45	67	90
	CANDELAS				
180	1018	1018	1018	1018	1018
175	1014	1012	1016	1013	1014
165	983	985	991	988	978
155	916	917	914	920	922
145	803	803	811	829	833
135	657	652	671	709	718
125	535	523	566	641	629
115	366	365	438	514	536
105	200	233	309	336	341
95	40	88	107	121	126
90	6	22	32	41	45
85	16	25	32	41	42
75	54	59	70	84	86
65	96	103	125	199	251
55	173	173	218	314	383
45	248	246	285	361	411
35	343	340	365	420	451
25	424	421	433	461	474
15	484	489	491	492	495
5	521	522	525	526	527
0	525	525	525	525	525

#### COEFFICIENTS OF UTILIZATION % EFFECTIVE CEILING CAVITY REFLECTANCE

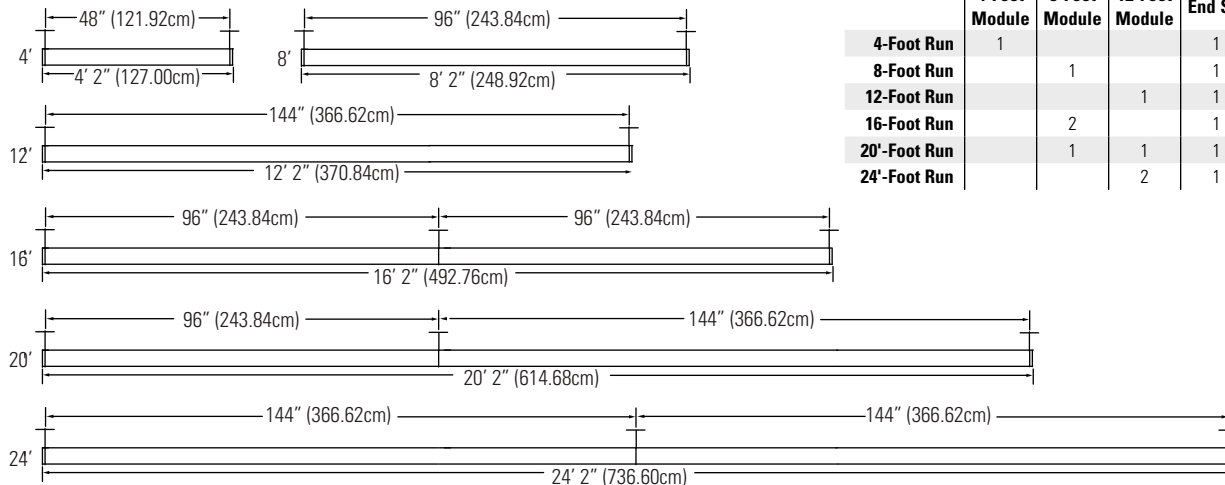
ROOM CAVITY RATIO	WALL REFLECTANCE								
	80			70			50		
	70	50	30	70	50	30	50	30	10
0	80	80	80	72	72	72	57	57	57
1	73	70	67	66	63	61	50	48	46
2	67	62	57	60	56	52	44	41	39
3	61	55	49	55	49	45	39	36	33
4	56	48	42	50	44	39	35	31	28
5	52	43	37	46	39	34	31	27	25
6	47	38	32	42	35	30	28	24	21
7	44	35	29	39	31	26	25	21	19
8	40	31	25	36	28	23	23	19	16
9	38	28	23	34	26	21	21	17	15
10	35	25	20	31	23	18	19	15	13

20% FLOOR CAVITY REFLECTANCE

#### DISTRIBUTION

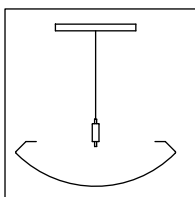
Zone	Lumens	% Lamp	% Luminaire
0-90	1348	23.3	29.6
90-180	3210	55.3	70.4
0-180	4557	78.6	100.0

### Fixture Lengths & Mounting Locations

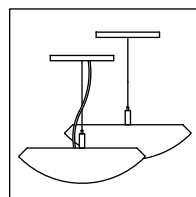


	4-Foot Module	8-Foot Module	12-Foot Module	End Set	Cable/Joiner
4-Foot Run	1			1	
8-Foot Run		1		1	
12-Foot Run			1	1	
16-Foot Run		2		1	1
20-Foot Run		1	1	1	1
24-Foot Run			2	1	1

### Mounting Accessories

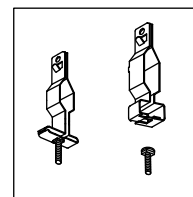


**Cable/Joiner Assembly**  
 Standard Cable Length is 36" (91.44cm)  
 Single Cable: **LP1C36**  
 Single Cable & Cord: **LP1CC36**  
 Single Cable & 4 Wire Cord: **LP1CC36X4**



**Power Feed End Set**  
 Standard Cable Length is 36" (91.44cm)  
 Straight Cord: **LP1EC36** 4 Wire Cord\*: **LP1EC36X4**

\* use for dimming and/or emergency battery packs



**Ceiling Grid Kit CGK**  
 Includes both Standard 1" (2.54cm)  
 Tee Bar Clip & Slot Tee Clip

### Job Information Type:

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