

Ordering Information

Lytetube Direct Lens One Lamp:

4 Foot Joiner: **RT622442**

8 Foot Joiner: **RT622482**

Ballast & Voltage (add code to end of base catalog number - Example: **RT622482E82**)

E81 = T8 Electronic 120v

HD1 = T8 Electronic PowerSpec Dimming 120v

M71 = T8 Electronic Dimming 120v

E82 = T8 Electronic 277v

HD2 = T8 Electronic PowerSpec Dimming 277v

M72 = T8 Electronic Dimming 277v

Complete ordering instructions on back.

For all fixtures represented in this family please refer to the brochure and/or additional specification sheets.

Features

- Housing:** Extruded aluminum. 1/8" (0.32cm) aluminum end cap attached with no exposed fasteners.
- Lamping:** One T8 32 watt fluorescent lamp. Provided by others.
- Reflector:** Precision die-formed high gloss baked white enamel reflector.
- Lens:** Extruded clear acrylic linear prismatic lens.
- Alignment/Locking Mechanism:** Heavy gauge steel bracket with integral splines for alignment of housing modules, joins modules tightly together without removing any luminaire component at time of installation.

Electrical

Specify 120 volt or 277 volt. 3 conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting, consult factory. Rapid start, HPF, class "P" thermally protected. PowerSpec HDF dimming ballast is available. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Mountings

Cable Suspension (not shown) - 1-1/2" (3.81cm) or 4-1/2" (11.43cm) diameter flat canopy finished enamel white, 3/16" (0.48cm) diameter x 4" (10.16cm) stabilizing tube (polished chrome finish), 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm), adjustable cable gripper. Available with both white jacketed straight or coiled cord. Feed locations require a 4-1/2" (11.43cm) canopy. Coiled cord not available in dual switching or emergency battery backup.

Stem Mounting (not shown) - 4-1/2" (11.43cm) diameter flat canopy, 1/2" (2.08cm) diameter stem. Chrome plate or white finish. Can be cut to length on job. Self-aligning swivel provides adjustability up to 38°. The stem assembly shall meet or exceed the requirements set forth in the State of California Uniform Building Code for suspended lighting fixtures installed in seismic zone four.

Wall Mounting (not shown) - consult factory for availability.

Finish

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

Options and Accessories

L, T, X, Inline joiner blocks, emergency battery packs, dual switching and fusing available.

Labels

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

US Patent No. 4,717,993.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

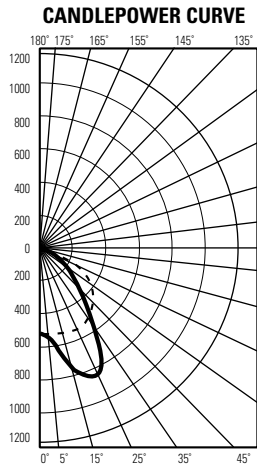
Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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Performance and Quick Calculator



REPORT NO: LRL 489-10A
 LAMPS: 1-32WT8
 LUMENS: 2900
 EFFICIENCY: 64.8%

CANDLEPOWER

ZONE Deg.	0	22	45	67	90
180	0	0	0	0	0
175	0	0	0	0	0
165	0	0	0	0	0
155	0	0	0	0	0
145	0	0	1	2	2
135	0	0	2	3	4
125	0	1	5	8	8
115	0	3	11	20	24
105	0	8	22	34	40
95	0	17	37	45	51
90	0	25	51	56	61
85	2	34	66	66	10
75	53	64	116	96	98
65	189	108	196	154	143
55	368	225	278	293	260
45	467	448	381	374	259
35	515	616	662	601	581
25	531	612	761	844	856
15	535	538	631	727	744
5	532	526	526	524	527
0	529	529	529	529	529

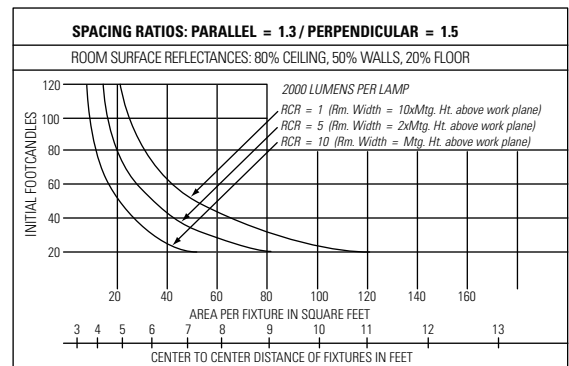
COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

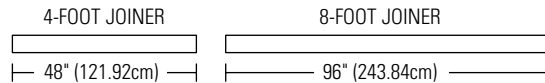
ROOM CAVITY RATIO	% WALL REFLECTANCE								
	80			70			50		
	50	30	10	50	30	10	50	30	10
0	76	76	76	74	74	74	71	71	71
1	68	65	63	66	64	62	63	61	59
2	61	57	54	59	56	53	57	54	51
3	55	50	47	54	50	46	52	48	45
4	49	44	41	48	44	40	47	43	39
5	45	40	36	44	39	36	42	38	35
6	41	36	32	40	35	32	39	34	31
7	37	32	28	36	32	28	35	31	28
8	34	29	25	33	28	25	32	28	25
9	31	26	22	30	25	22	29	25	22
10	27	22	19	26	22	18	26	21	18

ZONAL LUMEN SUMMARY

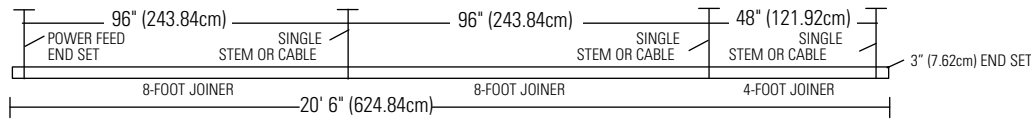
ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0-90	1804	62.2	96.1
90-180	74	2.5	3.9
0-180	1878	64.8	100.00



Fixture Lengths & Mounting Locations



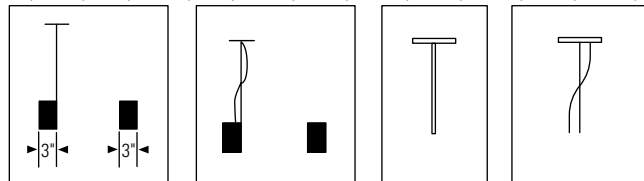
Sample Run



Dimensions given are both fixture lengths and mounting distances.

Mounting & Joiner Block Accessories

3" (7.62cm) 6" (15.24cm) 9" (22.86cm) 12" (30.54cm) 18" (45.72cm) 24" (60.96cm)

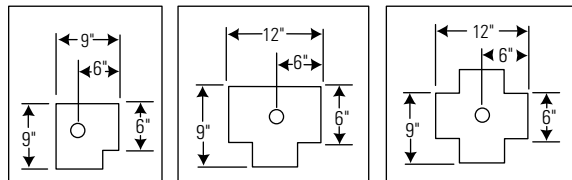


Power Feed End Set Chrome Stem
 RT62 ED12 = 12" OAL
 RT62 ED18 = 18" OAL
 RT62 ED24 = 24" OAL
 Add **WH** for white stem

Power Feed End Set Cable/Cord
 RT62 EDCC36 (straight cord)
 RT62 EDCCC36 (coiled cord)
 Max 10 amps.

Single Stem Chrome
 S12 = 12" OAL
 S18 = 18" OAL
 S24 = 24" OAL
 Add **WH** for white stem

Cable Assemblies
 C36 (cable only)
 CC36 (cable/straight cord feed)
 CCC36 (cable/coiled cord feed)



"L" Joiner Block RT62-LD
"T" Joiner Block RT62-TD
"X" Joiner Block RT62-XD

Inline joiner block available: RT62ILD

Ordering Instructions

Individual Fixtures:

1. Order number of JOINER FIXTURES.
2. Order one POWER FEED END SET per fixture.
3. Order one SINGLE STEM or CABLE ASSEMBLY per JOINER FIXTURE.

Continuous Rows:

1. Determine run length.
2. Order the appropriate number of JOINER FIXTURES for the complete run.
3. Order one POWER FEED END SET per run.
4. Order one SINGLE STEM or CABLE ASSEMBLY per JOINER FIXTURE.
5. For cable mounted runs that exceed amperage limits, order the appropriate number of CABLE/CORD FEEDS.

Square/Rectangle Patterns:

1. Order appropriate number of JOINER FIXTURES to complete the pattern size.
2. Order number and type of JOINER BLOCKS required.
3. Order one SINGLE STEM or CABLE ASSEMBLY per JOINER FIXTURE.
4. For cable mounted patterns that exceed amperage limits, order the appropriate number of CABLE/CORD FEEDS.

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