

Ordering Information

Lytetube Direct Lens Two Lamps:

4 Foot Joiner: **RT622342**

8 Foot Joiner: **RT622382**

Ballast & Voltage (add code to end of base catalog number - Example: **RT622382E82**)

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:** Two T8 32 watt fluorescent lamps. 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):

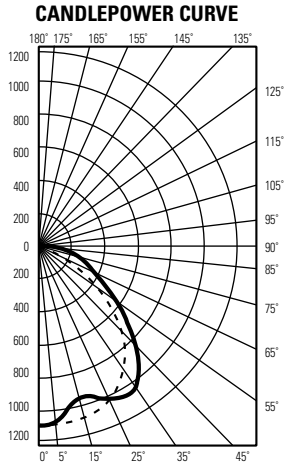
Notes:

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



		CANDLEPOWER				
		0	22	45	67	90
ZONE	Deg.	0	0	0	0	0
180	0	0	0	0	0	0
175	0	0	0	0	0	0
165	0	0	0	0	0	0
155	0	0	0	0	1	1
145	0	0	2	4	7	8
135	0	1	5	7	11	14
125	0	3	10	18	21	25
115	0	6	23	42	55	65
105	0	13	45	68	80	95
95	0	27	76	94	106	125
90	0	40	104	118	125	125
85	10	56	129	148	150	150
75	90	110	208	228	232	232
65	293	236	302	347	339	339
55	517	486	489	555	528	528
45	711	673	744	769	781	781
35	914	797	959	1025	1038	1038
25	1047	968	917	994	1043	1043
15	1105	1140	1027	973	956	956
5	1124	1119	1125	1108	1116	1116
0	1119	1119	1119	1119	1119	1119

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0-90	3072	53.0	95.3
90-180	151	2.6	4.7
0-180	3223	55.6	100.00

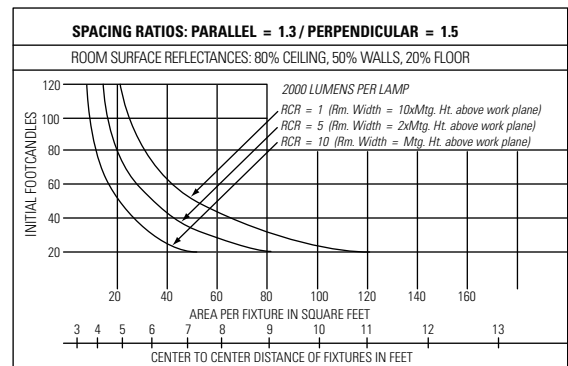
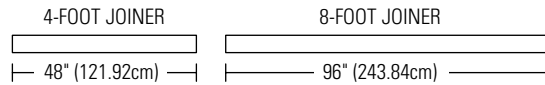
REPORT NO: LRL 489-10C
LAMPS: 2-32WT8
LUMENS: 2900
EFFICIENCY: 55.6%

COEFFICIENTS OF UTILIZATION

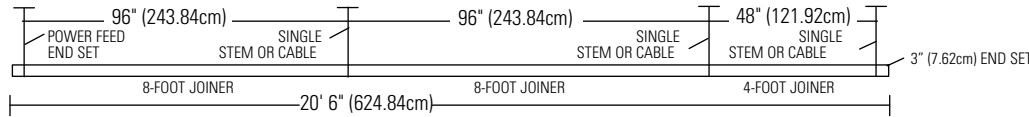
% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	80			70			50		
	% WALL REFLECTANCE								
	50	30	10	50	30	10	50	30	10
0	66	66	66	64	64	64	60	60	60
1	57	55	53	56	54	52	53	51	50
2	51	48	45	50	47	44	48	45	43
3	46	42	39	45	41	38	43	40	37
4	41	37	33	40	36	33	38	35	32
5	37	32	29	36	32	29	35	31	28
6	33	29	25	33	28	25	32	28	25
7	30	26	22	30	25	22	29	25	22
8	27	23	20	27	23	20	26	22	19
9	25	21	18	25	20	17	24	20	17
10	22	17	15	21	17	15	21	17	14

Fixture Lengths & Mounting Locations



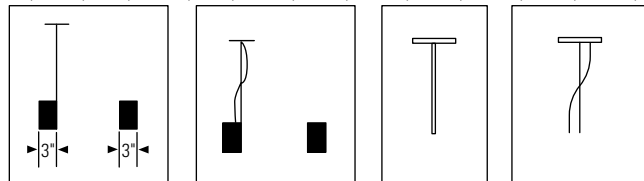
Sample Run



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)

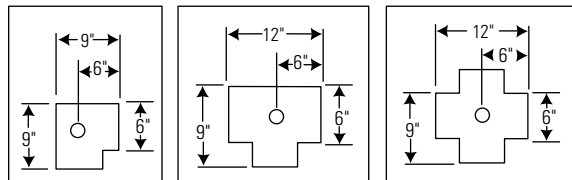


Power Feed End Set Chrome Stem
RT62 ED12 = 12" OAL
RT62 ED18 = 18" OAL
RT62 ED24 = 24" OAL
Add **WH** for white stem

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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