

Ordering Information

Lytetube Direct Louver Two Lamps:

4 Foot Joiner: **RT622542**

8 Foot Joiner: **RT622582**

Ballast & Voltage (add code to end of base catalog number - Example: **RT622582E82**)

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.
- Louver:** Extruded, precision die-formed aluminum louver, provides 38° cut-off. Attached by two pressurized retaining clips. Semi-gloss white finish only.
- 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:

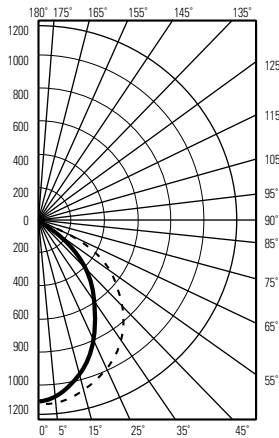
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Performance and Quick Calculator

CANDLEPOWER CURVE



REPORT NO: LRL 689-7C
LAMPS: 2-32WT8
LUMENS: 2900
EFFICIENCY: 42.0%

CANDLEPOWER

ZONE	0	22	45	67	90
Deg.	180	175	165	155	145
125	0	0	0	0	0
115	0	0	0	0	0
105	0	0	0	0	0
95	2	4	14	17	5
90	5	13	30	34	7
85	6	22	42	46	9
80	18	32	55	62	27
75	61	74	103	108	93
70	114	138	235	240	240
65	199	262	387	503	528
60	384	442	530	645	710
55	621	664	742	831	883
50	826	854	914	955	1018
45	1011	1029	1064	1101	1106
40	1117	1117	1127	1127	1131
35	1131	1131	1131	1131	1131

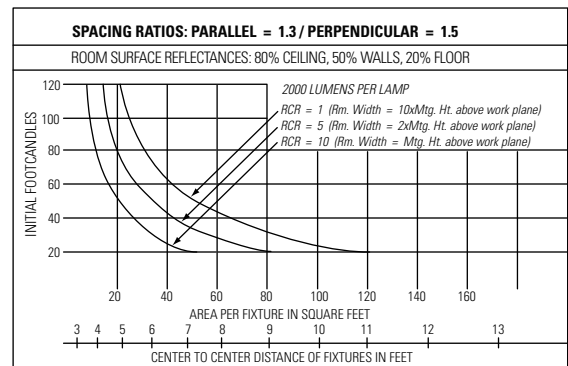
ZONAL LUMEN SUMMARY

ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0-90	2401	41.4	98.7
90-180	33	0.6	1.3
0-180	2434	42.0	100.0

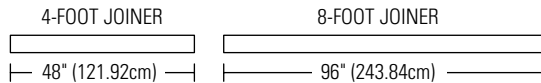
COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

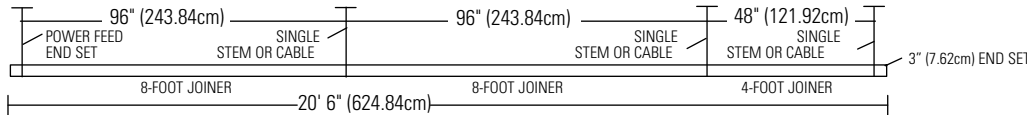
ROOM CAVITY RATIO	% WALL REFLECTANCE								
	80			70			50		
	50	30	10	50	30	10	50	30	10
0	50	50	50	49	49	49	46	46	46
1	45	43	42	44	42	41	42	41	40
2	40	38	36	39	37	36	38	36	35
3	37	34	32	36	33	31	35	32	31
4	33	30	28	33	30	27	31	29	27
5	30	27	25	30	27	24	29	26	24
6	28	24	22	27	24	22	26	24	22
7	25	22	20	25	22	20	24	21	19
8	23	20	18	23	20	18	22	19	17
9	21	18	16	21	18	16	20	18	16
10	19	16	14	19	16	14	18	15	13



Fixture Lengths & Mounting Locations



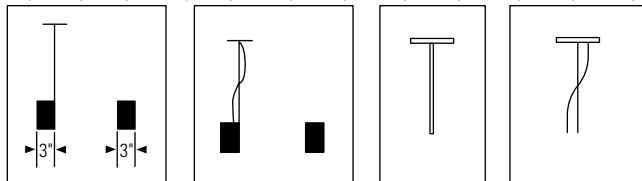
Sample Run



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)

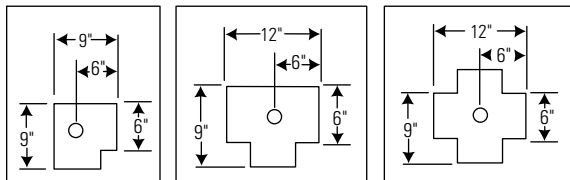


Power Feed End Set Chrome Stem
 RT62 ED12 = 12" OAL
 RT62 ED18 = 18" OAL
 RT62 ED24 = 24" OAL
 Add **WH** for white stem

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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