

SofTex Softly Etched Reflector 2-42 Triple Tube in 7 1/2" Aperture

Features

Lamp

- Designed for:
 - 2 horizontal Triple Tube 42 watt.
- 4 pin GX24q-4 base. Consult factory for compatibility with G.E. 42 watt lamps.
- 90% lumen output maintained at ballast minimum operating temperature.
- Flicker-free starting, high light output, excellent color rendering (82 CRI).
- Long 10,000 hour life.
- High efficiency with low operating costs.
- See Option -43 for lower wattage: 2-32, 2-26, or 2-18 Triple Tube. Also see Photometric Performance.

Ballast

- Regulating electronic high power factor, thermally protected, encased.
- Minimum starting temperature 0°F (-18°C).
- Standard with built-in end of lamp life (EOL) protection circuit.
- Integral fuse. Also see Options -FS and -FD for separate in-line fuse.
- Built-in RFI filter.
- 120 volt standard or see optional voltages.
- Single circuit wiring. See Option -84 for two-circuit wiring.

- Dimming optional. See Option -39. (Consult factory for 18 watt version)
- Visible and easily serviced in all ceilings.

Reflector

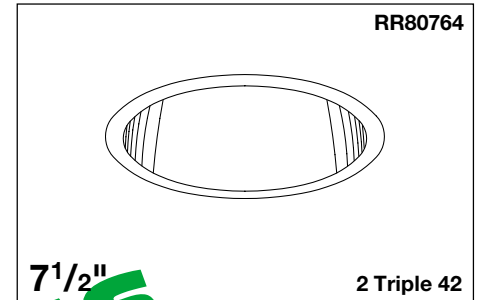
- SofTex Clear softly etched aluminum reflector. Non-iridescent. Resists fingerprints, smudges, dust.
- One-piece, self-flanged.
- Optional SofTex softly etched Dune, Champagne Gold or Wheat available.
- Optional OptiGroove assembly available.
- See RR80763 for specular finishes.

Housing

- Acrylic enameled aluminum.
- Cool. Dissipates heat across entire surface area. Ventilated.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire serviced through removable reflector.
- Prewired outlet box; 14GA (NEC) galvanized steel. UL listed. Accessible through fixture opening.
- Built-in plaster frame.

Installation

- 27" hanger bars supplied (2).



SofTex Dune, Gold or Wheat
Optional
Dimming Available

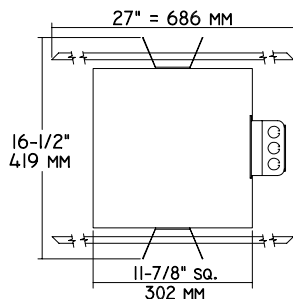
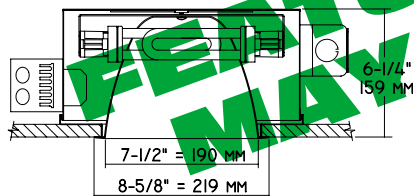
- Fully adjustable universal mounting brackets supplied (2).
- May be installed in ceilings up to 1-1/4" thick, or see Option -79.
- Ceiling cut-out: 8" (203mm) diameter.
- Reflector and socket bracket adjust as unit for ease of installation.
- Recesses indoor or outdoor in covered locations.

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12).
- Three Year Limited Warranty**
- Complete standard fixture.

Performance at a Glance

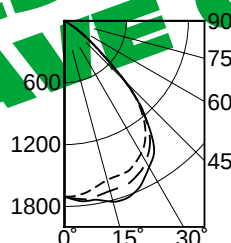
RR80764



Cone of Light Key

Ft. Distance from fixture
FC Footcandles (average)
Dia. Circle of light at 50% of FC

* Dia. (in ft.) shown is where FC value is half the FC at nadir.

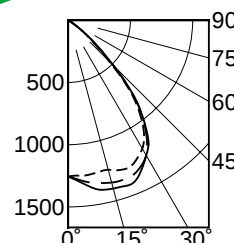


RR80764 (2-42W)

---	0° S/MH	1.3
---	45° S/MH	1.4
---	90° S/MH	1.4

Cone of Light*

Ft.	FC	Dia.
6	47.4	8.0
8	26.6	10.7
10	17.0	13.4
12	11.8	16.0
14	8.7	18.7
16	6.7	21.4

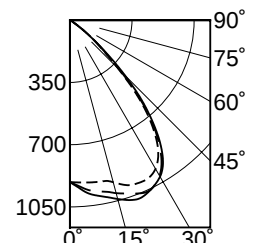


RR80764-43 (2-32W)

---	0° S/MH	1.3
---	45° S/MH	1.4
---	90° S/MH	1.4

Cone of Light*

Ft.	FC	Dia.
6	34.9	8.2
8	19.6	10.9
10	12.6	13.7
12	8.7	16.4
14	6.4	19.1
16	4.9	21.8



RR80764-43 (2-26W)

---	0° S/MH	1.4
---	45° S/MH	1.5
---	90° S/MH	1.5

Cone of Light*

Ft.	FC	Dia.
6	25.3	8.7
8	14.2	11.6
10	9.1	14.5
12	6.3	17.4
14	4.6	20.3
16	3.6	23.2

THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121 • www.light-link.com/kirlin

SECOND CENTURY SERIES
TRIPLE TUBE
COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

CATALOG NUMBER

2 Triple 42

RR80764

DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

RR80764

RECESSED ROUND: TRIPLE TUBE 42 WATT COMPACT FLUORESCENT

Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO)

RR80764 (2-42W): ITL TEST NUMBER 48588

RR80764-43 (2-32W): ITL TEST NUMBER 48586

RR80764-43 (2-26W): ITL TEST NUMBER 48672

RR80764

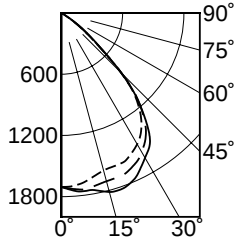
(2-42 WATT)

*LER = 29.5

•AEC = \$8.14

--- 0° S/MH 1.3
 --- 45° S/MH 1.4
 --- 90° S/MH 1.4

EFFICIENCY = 48.6%



CANDLEPOWER DISTRIBUTION						
	0.0	22.5	45.0	67.5	90.0	
0	1705	1705	1705	1705	1705	
5	1692	1711	1734	1749	1754	
15	1598	1672	1707	1760	1816	
25	1558	1617	1657	1701	1755	
35	1367	1421	1444	1481	1513	
45	822	838	839	832	831	
55	151	154	168	177	184	
65	20	19	15	14	14	
75	8	8	6	6	16	
85	2	2	1	1	1	
90	0	0	0	0	0	

COEFFICIENTS OF UTILIZATION						
RF	20					
RC	80			50		
RW	70	50	30	10	50	30
1	55	53	52	50	50	49
2	51	48	46	44	46	44
3	48	44	41	39	42	40
4	45	40	37	35	39	36
5	42	37	34	31	36	33
6	39	34	31	28	33	30
7	37	31	28	25	30	27
8	34	29	25	23	28	25
9	32	27	23	21	26	23
10	30	25	22	20	24	21

RR80764-43

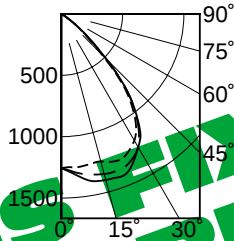
(2-32 WATT)

*LER = 32.2

•AEC = \$7.45

--- 0° S/MH 1.3
 --- 45° S/MH 1.4
 --- 90° S/MH 1.4

EFFICIENCY = 47.7%



CANDLEPOWER DISTRIBUTION						
	0.0	22.5	45.0	67.5	90.0	
0	1255	1255	1255	1255	1255	
5	1245	1276	1295	1308	1314	
15	1224	1292	1350	1386	1400	
25	1200	1301	1328	1361	1361	
35	1052	1079	1059	1106	1105	
45	465	484	510	515	516	
55	151	154	168	177	184	
65	20	19	15	14	14	
75	8	8	6	6	16	
85	2	2	1	1	1	
90	0	0	0	0	0	

COEFFICIENTS OF UTILIZATION						
RF	20					
RC	80			50		
RW	70	50	30	10	50	30
1	54	52	51	50	49	48
2	50	48	46	44	45	44
3	47	44	41	39	42	40
4	44	40	37	35	39	36
5	41	37	34	31	36	33
6	39	34	31	28	33	30
7	36	31	28	26	30	27
8	34	29	26	23	28	25
9	32	27	24	21	26	23
10	30	25	22	20	24	21

RR80764-43

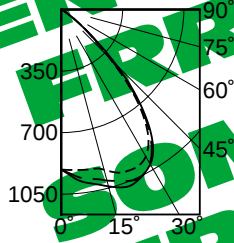
(2-26 WATT)

*LER = 29.3

•AEC = \$8.19

--- 0° S/MH 1.4
 --- 45° S/MH 1.5
 --- 90° S/MH 1.5

EFFICIENCY = 50.4%



CANDLEPOWER DISTRIBUTION						
	0.0	22.5	45.0	67.5	90.0	
0	910	910	910	910	910	
5	916	929	951	963	968	
15	908	973	1007	1031	1041	
25	898	1040	1058	1085	1060	
35	862	886	888	893	906	
45	384	394	404	419	433	
55	88	65	65	69	57	
65	18	14	14	12	12	
75	6	6	5	4	4	
85	0	0	0	0	0	
90	0	0	0	0	0	

COEFFICIENTS OF UTILIZATION						
RF	20					
RC	80			50		
RW	70	50	30	10	50	30
1	57	55	54	52	52	50
2	53	50	48	46	48	44
3	50	46	43	41	44	40
4	47	42	39	36	40	36
5	44	39	36	33	37	32
6	41	36	32	29	34	29
7	38	33	29	27	32	26
8	36	30	27	24	29	24
9	34	28	25	22	27	22
10	32	26	23	20	25	22

Estimated Multipliers

-71 SoftTex Dune: CP x .87
 -90 SoftTex Champagne Gold: CP x .90

-91 SoftTex Wheat: CP x .87
 -OG OptiGroove: CP x .75

Options

- 31 White reflector trim, self-flanged.
- 32 Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening.
- 39 Installed electronic dimming ballast(s). Consult factory for 18 watt availability. Also see -84, -LE and -WD. Indoor use.
- 43 Lower wattage triple tube. Specify: 2-32, 2-26 or 2-18 watt. See photometry above.
- 45 Gasket above reflector flange. Stops dust streaks on ceiling.
- 58 277 volt 60 Hz. ballast instead.
- 71 SoftTex Dune softly etched self-flanged reflector. Resists smudges. (CP x .87)
- 73 Internal emergency "Ni-Cad" battery pack concealed in housing. One lamp operation.

- Switch and light unobtrusively located inside reflector. For indoor use.
- 74 Internal emergency "Ni-Cad" battery pack concealed in housing for 32, 26 or 18 watt. Consult factory for 42 watt. Two lamp operation. Switch and light unobtrusively located inside reflector. For indoor use.
- 79 Extension collar for up to 2" thick ceilings.
- 82 Sloped ceiling adapter. Specify slope in 5° increments up to 30°.
- 84 Fixture wired for two circuits. See Option -FD.
- 90 SoftTex Champagne Gold softly etched self-flanged reflector. Resists smudges. (CP x 90)
- 91 SoftTex Wheat softly etched self-flanged reflector. Resists smudge. (CP x .87)
- 94 SoftTex custom color self-flanged reflector. Consult factory. See RR80763 for specular Alzak® reflector.

- 97 Other voltage ballast. Consult factory.
- 98 347 volt 60 Hz. ballast instead. Consult factory for dimming.
- 99 Special modification. Consult factory.
- FD Double fused primary. One per ballast. Replaceable. Aids servicing. For use with Option -84.
- FS Single fused primary. Replaceable. Aids servicing.
- LE With 4-pin electronic Triple Tube amalgam lamps. 82 CRI and 10,000 hour life. Consult factory for compatibility with GE 42 watt lamps. 3500°K or consult factory for 2700°K, 3000°K or 4100°K. Specify wattage and color temperature.
- OG OptiGroove black seamless tapered aluminum assembly. White trim, self-flanged. (CP x .75)
- WD Wall Dimmer for use with Option -39. Consult factory for type and quantity required.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____

* LER = Luminaire Efficiency Rating

LER = Luminaire Effic. x Total Lamp Lumens x Ballast Factor
Input Watts

• AEC = Annual Energy Cost per
 lamp based on 3000
 hours use
 (08 KWH).