

Surface Lensed with High Output

Features

Lamp

- Designed for:
2 horizontal Triple Tube 42 watt.
- 4-pin GX24q-4 base.
- See Option -43 for lower wattage.

Ballast

- Regulating electronic high power factor, thermally protected, encased.
- Cold weather. -18°C to -20°C (0°F to -5°F)
- Built-in RIF filter. THD is less than 10%
- Single circuit wiring. See Option -58 for two-circuit wiring.
- 120 volt standard or optional voltage.
- Dimming optional. See Option -39 for availability and restrictions.

Fuse

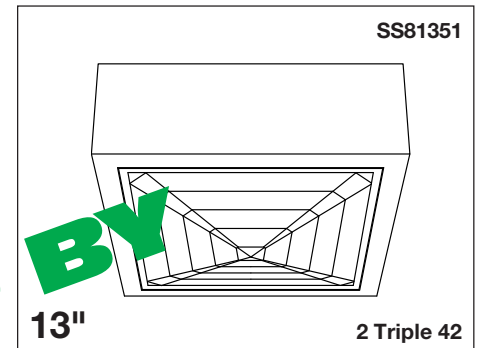
- Available. See Option -57 also see -58.

Reflector

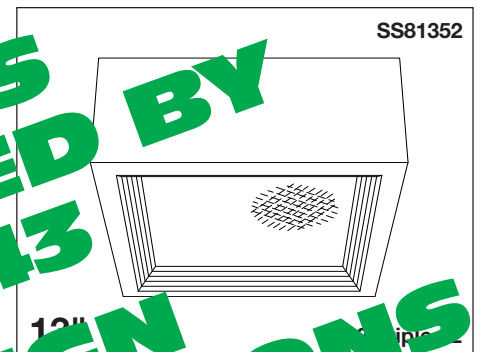
- Polished™ multi-faceted specular aluminum.

Trim Assembly (SS81351)

- Tempered prismatic shock-resisting spread Kirlin lens. Optional Clear or drop Holophane lens; flat or anopal, poly, eggcrate or drop guard.
- Rust-free polished nickel stainless (304-L) and captive thumb screws with concealed hinge for lamping.
- Attractively beveled cast aluminum frame tooled to ensure close fit. White finish available.
- Trim Assembly (SS81352)
 - Tapered black OptiClear™ lens with flange. Self-flange design.
 - Recessed, prismatic, tempered spread #73 spread with eggcrate or grooveless surface for eggcrate or grooveless surface.
 - Anopal, poly, eggcrate or drop guard available. See Options -58, -59, -60, -61, -62, -63, -64, -65, -66, -67, -68, -69, -70, -71, -72, -73, -74, -75, -76, -77, -78, -79, -80, -81, -82, -83, -84, -85, -86, -87, -88, -89, -90, -91, -92, -93, -94, -95, -96, -97, -98, -99, -100.
- Trim Assembly (SS81351)
 - Tempered prismatic shock-resisting spread Kirlin lens. Optional Clear or drop Holophane lens; flat or anopal, poly, eggcrate or drop guard.
 - Rust-free polished nickel stainless (304-L) and captive thumb screws with concealed hinge for lamping.



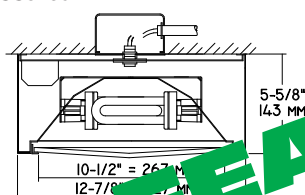
52% Efficiency



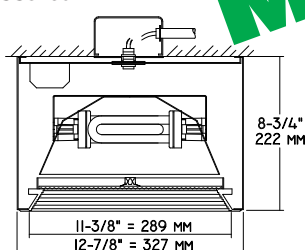
51% Efficiency

Performance at a Glance

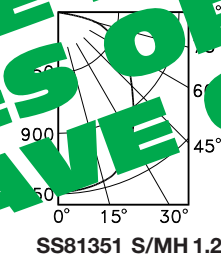
SS81351



SS81352



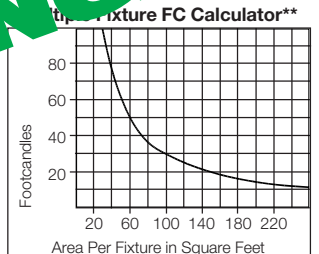
Note: Plan View shown with optional wall bracket (Option -WB)



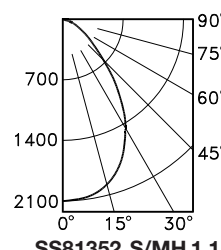
SS81351 S/MH 1.2

FC	Dia.
6	36.9
8	20.7
10	13.3
12	9.2
14	6.8
16	5.2

SS81351



SS81351 & SS81352



SS81352 S/MH 1.1

FC	Dia.
6	58.6
8	32.9
10	21.1
12	14.6
14	10.8
16	8.2

SS81352

Cone of Light*

Ft.	FC	Dia.
6	58.6	6.0
8	32.9	7.9
10	21.1	9.9
12	14.6	11.9
14	10.8	13.9
16	8.2	15.9

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.
** Based on RCR2; ceiling 70%; wall 50%; floor 20%. Use S/MH shown for each fixture. Distribution curves and S/MH data shown are 90° to lamp axis.

THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121

SECOND CENTURY SERIES
TRIPLE TUBE
COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

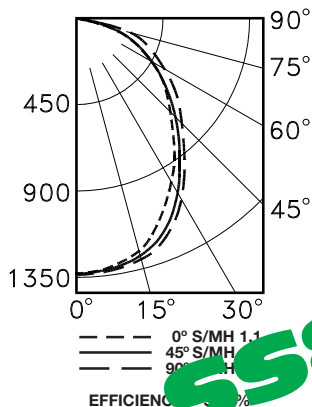
2 Triple 42
2 Triple 42

CATALOG NUMBERS

SS81351
SS81352

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

*LER = 35.3
•AEC = \$6.81



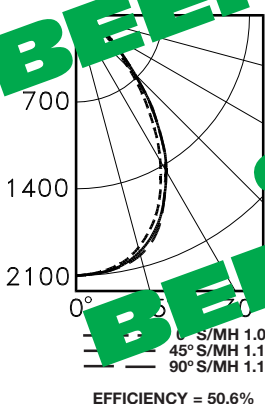
	0.0	22.5	45.0	67.5	90.0
0	1327	1327	1327	1327	1327
5	1318	1320	1326	1330	1333
15	1239	1257	1282	1303	1312
25	1096	1123	1159	1187	1198
35	908	940	957	988	1000
45	711	726	736	762	772
55	529	528	528	568	568
65	342	343	347	388	424
75	177	182	189	221	240
85	85	92	103	124	142
95	43	51	59	74	87
100	21	21	19	24	28

LER = Lateral Entry Ratio
LER = Lateral Entry Ratio = $\frac{\text{Lateral Entrants}}{\text{Total Entrants}} \times 100$

RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
1	57	54	52	50	51	49	48
2	52	48	44	41	45	42	40
3	47	42	38	35	40	36	34
4	44	37	33	32	35	32	29
5	40	34	29	27	32	28	25
6	37	30	26	22	29	25	22
7	34	28	23	20	26	23	20
8	32	25	21	18	24	20	18
9	30	23	19	16	22	19	16
10	28	22	17	15	21	17	15

- **AEC = Annual Energy Cost per 1000 lumens (based on 3000 lumens use @ \$0.08 KWH)**

*LER



	0.0	22.5	45.0	67.5	90.0
0	2108	1708	1408	1108	2108
5	2108	1708	2093	2093	2093
15	1936	1936	1936	1936	1936
25	1579	1579	1579	1659	1652
35	1579	1579	1579	1185	1579
45	622	664	664	664	664
55	250	316	316	316	292
65	145	145	145	164	152
75	145	145	68	72	74
85	1	1	1	2	2
90	0	0	0	0	0

COME ON

	20				50			
WV	40	50	30	10	50	30	10	
1	56	57	53	52	51	50	49	
2	53	49	47	45	47	45	43	
3	49	45	42	39	43	40	38	
4	46	41	37	33	39	36	34	
5	43	37	34	30	36	33	30	
6	40	34	28	25	33	30	28	
7	37	32	28	25	30	28	25	
8	34	29	26	23	28	25	23	
9	33	27	24	21	26	23	21	
10	30	24	21	20	25	22	20	

PLAN

Options

- 13 Clear 1/8" flat polycarbonate below, with prismatic flat C#73 lens above.

-14 Dropped Anopal glass, 1-1/4" deep. Not enameled. (SS81351 only)

-15 Prismatic flat C#73 lens. (SS81351 only)

-17 Prismatic 3/16" high. Diffusing instead.

-18 Anopal flat glass. Not enameled. Diffusing instead.

-20 White 1/2" cube. Integrate fouver instead.

-21 White translucent flat polycarbonate instead.

-26 Tamper-proof recessed hexagonal button door screw with key. One key per fixture. (SS81351 only)

-35 Silver enameled luminaire (and frame) finish.

-36 Gold enameled luminaire (and frame) finish.

-37 Dark Bronze luminaire housing (and frame) finish.

-38 Black enameled luminaire (and frame) finish.

-39 Installed electronic dimming ballast. Consult factory for 18 or 26 watt or for quantity and type

-40 White opaque enamel trim (SS81351 only)

-42 Gasket between trim and housing.

-58 26 volt 60 Hz ballast instead.

-65 Internal emergency "Ni-Cad" battery pack concealed in housing. Controls one lamp. Switch and light above lens. For indoor use.

-74 Two lamp internal emergency "Ni-Cad" battery pack concealed in housing for 18, 26 or 32 watt. Consult factory for 42 watt. Switch and visible light located above lens. Indoor use.

-80 2" extension collar for mounting beneath surface outlet box. Finish matches housing.

-84 Fixture wired for two circuits. See Option -FD.

-87 Custom -PM length. Specify up to 5 feet or consult factory. Use with Option -PM.

-88 Swivel canopy for sloped ceilings up to 45°.

-94 Custom color housing / frame. Consult factory.

-97 Other voltage ballast. Consult factory.

-98 347 volt 60 Hz. ballast instead. Consult for dimming.

-99 Special modification. Consult factory.

-DG Drop Guard with prismatic glass. (SS81351 only)

-DH Drop Holophane tempered lens. (SS81351 only)

-FD Double Fused primary. One per ballast. Use with Option -84.

-FR Fresnel tempered lens instead. (SS81352 only)

-FS Fused primary. One per fixture. Replaceable.

-LE With 4-pin electronic amalgam Triple Tube lamp. 82 CRI / 10,000 hour life. 3500°K or consult factory for 2700°K, 3000°K or 4100°K. Specify wattage and °K.

-PM Pendant mount instead. 8". Also see -87 and -88.

-WB Wall bracket mount instead. Also see -89.

-WD Wall Dimmer for use with Option -39. Consult factory for use with 18 or 26 watt.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME

TYPE

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER

LIMITED WARRANTY: CAVALOGE KLINIK UND DIE FÜR DIESE IN WERKZEUGEN, ORGANE, MATERIALIEN FÜR LÄNGEREN ZEITRAUM VON KAUF. (Manufacturer at his option will replace or repair such article or replace the purchased part or presentation in proof of purchase and defective article within three years of original purchase. Liability of manufacturer is limited to the foregoing, and manufacturer shall not be liable for any other damages, direct or indirect, sustained or suffered by purchaser of any person. This warranty is extended to all purchasers of the product, whether or not they are the original purchaser. Seller does not warrant as to merchantability or fitness for a particular use, nor will any oral agreement constitute a warranty or amend this specific warranty. Abnormal use, abuse of the article, improper installation, or repair, or modification of the article without prior written authorization from manufacturer will void the warranty.)