

3 Quad 26 Kirlin Lens Downlight

Features

Lamp

- Designed for:
 - 3 horizontal Quad 26 watt.
 - 2 pin G24d-3 base.

Ballast

- Thermally protected, encased and potted standard.
- High power factor standard.
- Single circuit wiring. Optional two-circuit. (See Options -48 and -84). Consult factory for three-circuit.
- 120 volt standard or see optional voltages.
- Dimming optional. (See Option -39)
- Electronic optional. (See Option -96)
- Visible and easily serviced in all ceilings.

Fuse

- Available as Option -FS (single) or -FD (double). Consult factory for triple.

Reflector

- GlasSurfaced™ multi-faceted specular aluminum.

Trim Assembly

- Tempered prismatic shock-resisting spread Kirlin lens. Also see Options.
- Rustfree polished nickel stainless door (304-L) and captive thumb screw. Slender with concealed hinges for fast relamping.

- Attractively beveled cast aluminum frame tooled to ensure close fit with door. White acrylic finish.
- Tamper-proof vandal resistant door screw available. (Option -26)

Housing

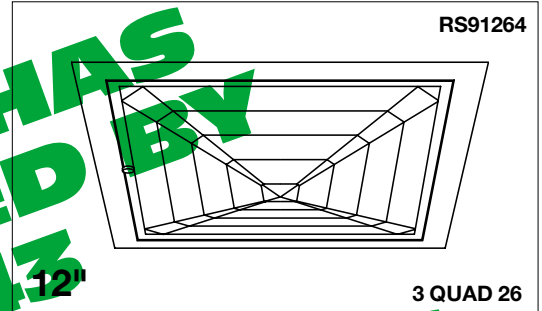
- Acrylic enameled aluminum.
- Cool: Dissipates heat across entire surface area. Ventilated.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire serviced through removable trim assembly.
- Prewired outlet box; 14GA (NEC) galvanized steel, UL listed. Accessible through fixture opening.

Installation

- 27" universal hanger bars supplied (2).
- Fully adjustable universal mounting brackets supplied (2).
- 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

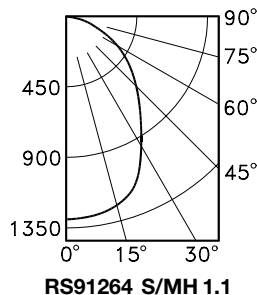
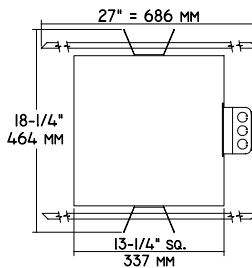
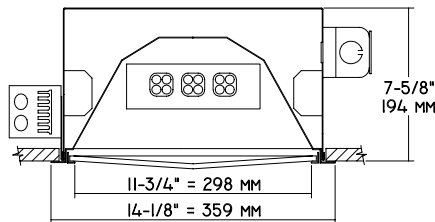
- Complete standard fixture.



1, 2 or 3 Circuit Available
Optional Tamper-Proof Feature

Performance at a Glance

RS91264

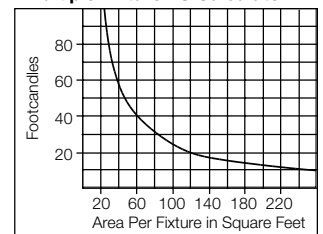


Cone of Light*

Ft.	FC	Dia.
6	35.7	6.2
8	20.1	8.2
10	12.9	10.3
12	8.9	12.3
14	6.6	14.4
16	5.0	16.4

RS91264

Multiple Fixture FC Calculator **



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

CENTURY SERIES
ARCHITECTURAL
COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

CATALOG NUMBER

3 Quad 26

RS91264

THE KIRLIN COMPANY RESERVES THE RIGHT TO CHANGE, WITHOUT NOTICE, DETAILS OR SPECIFICATIONS IN PRODUCT DESIGN.

RS91264

RECESSED SQUARE: QUAD 26 WATT COMPACT FLUORESCENT

Detailed Photometry - Installed Fixture

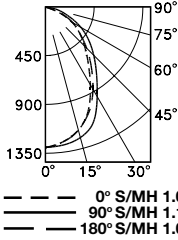
FROM I.T.L. (BOULDER, CO)

RS91264: TEST NUMBER 41190

RS91264-15: TEST NUMBER 41189

RS91264-42: TEST NUMBER 41191

RS91264



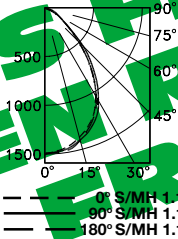
*LER = 25.3
•AEC = \$9.47

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1286	1286	1286	1286	1286
5	1272	1275	1283	1283	1278
15	1169	1188	1230	1219	1167
25	918	1036	1061	1073	953
35	695	805	835	825	734
45	511	567	613	586	520
55	358	373	444	399	354
65	221	218	293	229	319
75	104	106	148	110	107
	33	33	48	32	35
	13	13	17	11	13

COEFFICIENTS OF UTILIZATION						
RF	20					
RC	80	50	30	10	5	
RW	70	50	30	10	5	
1	54	50	48	46	47	46
2	49	46	42	40	43	41
3	45	41	37	34	38	35
4	42	36	32	29	34	31
5	39	33	28	26	31	28
6	36	30	26	23	28	25
7	33	27	23	20	26	23
8	31	25	21	18	24	21
9	29	23	19	17	22	19
10	28	21	18	15	21	17

EFFICIENCY = 48.9%

RS91264-15



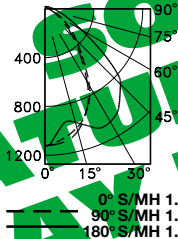
*LER = 24.5
•AEC = \$9.79

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1495	1495	1495	1495	1495
5	1477	1476	1489	1483	1488
15	1372	1381	1489	1401	1394
25	1067	1202	1227	1229	1169
35	833	924	916	944	887
45	487	530	535	585	494
55	256	280	250	284	263
65	122	136	143	135	131
75	79	83	82	85	83
85	28	27	30	27	31
95	0	0	0	0	0

COEFFICIENTS OF UTILIZATION						
RF	20					
RC	80	50	30	10	5	
RW	70	50	30	10	5	
1	52	51	49	47	48	46
2	49	45	43	41	43	41
3	45	41	38	35	39	36
4	42	37	34	31	36	33
5	39	34	30	28	33	29
6	37	31	27	25	30	27
7	34	29	25	22	28	24
8	32	26	23	20	25	22
9	30	24	21	19	24	21
10	28	23	19	17	22	19

EFFICIENCY = 47.3%

RS91264-42



*LER = 23.9
•AEC = \$10.05

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1095	1095	1095	1095	1095
10	1047	989	954	932	1073
30	695	821	1029	838	660
50	243	528	722	543	229
70	72	139	156	138	72
90	20	35	30	34	17
110	20	23	16	24	17
130	13	8	11	9	13
150	0	0	0	0	0
170	0	0	0	0	0
180	0	0	0	0	0

COEFFICIENTS OF UTILIZATION						
RF	20					
RC	80	50	30	10	5	
RW	70	50	30	10	5	
1	50	48	47	45	45	44
2	46	43	40	38	40	38
3	42	38	35	32	36	33
4	39	34	30	27	32	29
5	36	31	27	24	29	26
6	33	28	24	21	26	23
7	31	25	21	19	24	21
8	29	23	19	17	22	19
9	27	21	18	15	20	17
10	25	20	16	14	19	16

EFFICIENCY = 46.1%

Options

- 13 Clear 1/8" flat polycarbonate below, with tempered prismatic flat C#73 lens above.
- 14 Dropped Anopal glass. 1-1/4" deep. Not enameled.
- 15 Tempered prismatic flat C#73 lens instead.
- 17 Prismatic 3/16" high strength acrylic instead.
- 18 Anopal flat glass. Not enameled. Diffusing.
- 20 White 1/2" cube eggcrate louver instead.
- 21 White translucent flat polycarbonate instead.
- 26 Tamper-proof recessed hex, center pin, button door screw with key. One key per ten fixtures.
- 35 Silver enameled frame finish instead.
- 36 Gold enameled frame finish instead.
- 37 Dark Bronze enameled frame finish instead.
- 38 Black enameled frame finish instead.
- 39 Installed Quad electronic dimming ballast. Also see Options -LE and -WD.
- 42 Drop polycarbonate bisymmetric prismatic instead.
- 43 Lower wattage: Specify 3Q18 or 3TT13 watt.
- 45 Gasket between trim and ceiling.
- 46 Gasket between trim and lens.
- 47 Galvanized steel plaster frame for wet plaster ceiling.
- 48 Center lamp converted to nightlight. TT13 standard or specify TT9 or TT7. For use with Option -84.
- 58 277 volt 60 Hz. ballast instead.
- 73 Internal emergency "Ni-Cad" battery pack concealed in housing. Controls one lamp. Switch and visible light located above lens. For indoor use.
- 74 Internal 2 lamp emergency "Ni-Cad" battery pack for use with 4-pin electronic lamps only. Use with Option -96.
- 84 Fixture wired for two circuits (1-1 lamp plus 1-2 lamp). Consult factory for three circuits. See Options -48, -FD and -RD. Consult factory for triple.
- 96 Regulating electronic high power factor 0°F single circuit Quad ballast instead. (1-1 lamp plus 1-2 lamp.) Consult factory for triple. See Options -74, -84 and -LE.
- 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. For use with Option -84. Consult factory for triple.
- FS Fused primary. One per fixture. Replaceable. Aids servicing.
- LE With 4-pin electronic lamps for use with Options -39, -74 or -96. 2700°K or consult factory. Specify wattage and color temperature.
- LP With lamps. 2700°K or consult factory. Specify wattage and color temperature. Also see -LE.
- RD Double radio interference filter. For use with Option -84. Consult factory for triple.
- RF Radio interference filter. Eliminates feedback.
- WD Wall Dimmer for use with Option -39.

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
1000 lumens (based on 3000
hours use @ \$0.08 KWH).

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION, MAINTENANCE, AND REPAIRS ARE THE RESPONSIBILITY OF THE USER. THE PURCHASER SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THE FIXTURES. THE MANUFACTURER SHALL NOT BE LIABLE FOR ANY DAMAGE TO THE FIXTURES OR TO THE USER'S PROPERTY OR PERSON. THIS WARRANTY IS SUPPLIED FOR THE BUYER'S PROTECTION AND DOES NOT CONSTITUTE AN ENDORSEMENT OR RECOMMENDATION OF THE FIXTURES. THE MANUFACTURER SHALL NOT BE LIABLE FOR ANY DAMAGE TO THE FIXTURES OR TO THE USER'S PROPERTY OR PERSON. THIS WARRANTY IS SUPPLIED FOR THE BUYER'S PROTECTION AND DOES NOT CONSTITUTE AN ENDORSEMENT OR RECOMMENDATION OF THE FIXTURES.