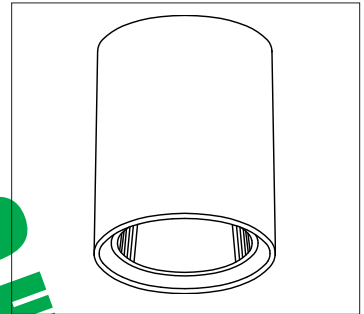


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

12" QL 85 WATT MAXIMUM

QSR-12083

Surface Mount QL Induction Excellent for High Ceilings



Surface Round
Open Flare Trim
QL Induction

Features

Lamp Vessel (Included)

- One vertical QL lamp vessel: 85W maximum.
- See Option -43 for lower wattages.
- High efficiency with low operating costs.
- Electrode-less induction lamp vessel with power coupler. Extra long 100,000 hour system life.
- Flicker-free instant-on, high light output, excellent color rendering (>80 CRI). Constant color.
- Indoor or outdoor use. -30°F rated.
- 3000°K standard. Add Option -LT for 4000°K.
- Resistant to voltage fluctuation and vibration.

Generator

- Electronic high frequency generator.
- 120 volt standard. For 277 volt, see Option -58.
- For other input voltages, see Option -97.

Reflector

- Low iridescence (L.I.) Alzak® aluminum, one piece, self-flanged.

Aluminum Housing

- Seamless white acrylic enameled. Rustproof. Exceeds 1000 hour ASTM 5% salt spray test.
- Interlocking flare trim.
- No visible cylinder hardware.
- Lightweight. Minimizes ceiling load.
- Cool operation. Extends component life.

Installation

- Center point mounting for snug fit to ceiling. Mounting hardware included.
- QuickConnect mounting available. (Option -QM)
- 2" collar for surface J-box mount. (Option -80)
- Pendant or wall bracket mount available. (See Options -PM, -WB)
- Indoor or outdoor for covered ceiling use. (See Option -89)

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings. (See Option -89)

Three Year Limited Warranty

- Complete standard fixture.

Selected Optional Trim:

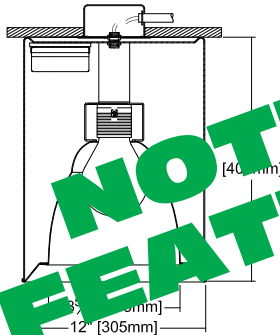
- White Flange Option -31

Selected Optional Mounts:

- Pendant Option -PM
- Wall Bracket Option -WB

Performance at a Glance

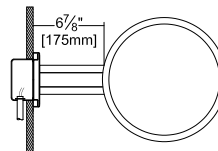
QSR-12083



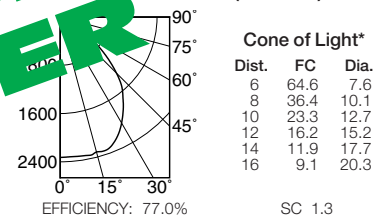
Representative Views:

(Left) With optional pendant mount (Option -PM)

(Right) With optional wall bracket (Option -WB)



QSR-12083 (QL 85W)



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.

THE KIRLIN COMPANY

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

RENAISSANCE SERIES
COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

1 QL 85

CATALOG NUMBER

QSR-12083

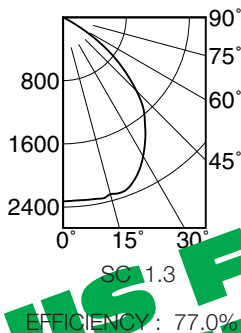
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

Photometry from I.T.L., Boulder, CO

QSR-12083 (1 QL 85)



CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	2327	2327	2327	2327	2327
5	2323	2323	2323	2323	2323
15	2316	2316	2316	2316	2316
25	2209	2209	2209	2209	2209
45	1819	1819	1819	1819	1819
55	599	599	599	599	599
65	17	17	17	17	17
75	3	3	3	3	3
85	1	1	1	1	1
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION									
RF	20				50				
RC	8	10	15	20	30	40	50	60	70
RW	30	40	50	60	70	80	90	100	110
0	86	84	81	79	79	77	76		
5	81	76	72	69	72	69	66		
15	75	69	64	60	65	62	59		
25	70	62	57	53	60	55	52		
45	65	57	51	47	54	50	46		
55	60	52	46	42	50	45	41		
65	56	47	42	38	46	41	37		
75	53	44	38	34	42	37	34		
85	49	40	35	31	39	34	31		
90	46	37	32	28	36	31	28		

ITL TEST #55051 *LER=48.2 •AEC=\$4.98

* LER = Luminaire Efficiency Rating AEC = Annual Energy Cost per 1000 lumens
 LEF = Luminaire Efficiency Factor based on 3000 hours use @ \$0.08 KWH).

THIS FIXTURE IS NO LONGER AVAILABLE FOR AN ALTERNATIVE PLEASE SEE FIXTURE ZSR-12083

NOTE: SOME DESIGN FEATURES OR OPTIONS MAY DIFFER

Options

Generator, Wattage and Voltage

- 43 Lower wattage: QL 55W. Specify wattage and voltage.
- 58 277 volt 60 Hz. generator.
- 97 Other input voltage. Consult factory.

Trims

- 31 White acrylic enameled reflector flange.
- 94 Custom color/finish. Specify. Consult factory.

Luminaire (Housing) Finishes

- 35 Natural aluminum acrylic enamel.
- 36 Gold acrylic enamel.
- 37 Dark Bronze acrylic enamel.

- 38 Black acrylic enamel.
- 94 Custom color/finish. Specify. Consult factory.

Mounting

- 54 Safety cable through pendant stem. 12" longer than specified stem length. Anchored to fixture. Use with -PM.
- 80 2" collar for mounting beneath surface outlet box. 1/2" T.S. KO's. Must add Option -89 for wet label listing.
- 87 Custom pendant / wall bracket length. Specify length. Use with -PM or -WB.
- 88 Swivel canopy for sloped ceilings up to 40°. Consult factory for higher angles. With -PM.

- 89 Sealed top WeatherCap. Required for wet label. Use with Options -80, -PM or -WB.
- PM Pendant mount. 8" stem or see Option -87. Must add Option -89 for wet label listing.
- QM QuickConnect mount for indoor (damp or dry) use only.
- WB Wall bracket mount. Must add Option -89 for wet label listing.

Other

- 99 Special modification. Consult factory.
- LT With 4000°K lamp vessel instead of standard 3000°K lamp.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____
 TYPE _____
 WATTAGE _____ VOLTAGE _____
 CATALOG NUMBER _____

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTIED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLLED TO N.E.C., IN NORMAL USE. Manufacturer at his option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices of manufacturer within three years of original shipment. 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 or any person. This warranty is supplied to the buyer in place of all other warranties, expressed or implied. Seller does not warrant as to merchantability or fitness for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abnormal use, abuse of the fixture, improper installation, repair, or modification of the fixture without prior written authorization from the manufacturer or I.T.L. render the warranty void.