

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

11" QL 85 WATT MAXIMUM

QRR-11082

Regressed Lens QL Induction Downlight

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

- Specular Alzak® aluminum.

Trim Assembly

- Black seamless tapered aluminum one piece OptiGroove with white flange or all white smooth self-flanged trim (Option -40) as shown

in section view. See Opts for -40 colors available.

- Regressed tempered prismatic C#73 lens.

Aluminum Housing

- Acrylic enameled. Rustproof. Exceeds 1000 hour ASTM 5% salt spray test.
- Lightweight. Minimizes ceiling load.
- Cool operation. Extends component life.
- Entire luminaire serviced through aperture.
- Built-in plaster frame.

Outlet Box

- Prewired 14 GA (NEC) galvanized steel, UL listed, 1/2" and 3/4" knockouts.

Installation

- 27" galvanized hanger bars with adjustable mounting brackets (2) supplied.
- Recesses indoor or outdoor in covered locations.

UL, C-UL (Canada) Listings

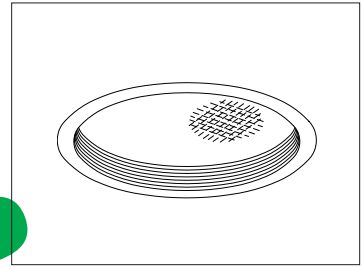
- Wet, damp or dry locations, covered ceilings.
- Through-branch conductors (6 #12).

Three Year Limited Warranty

- Complete standard fixture and ballast.

Thermal Protection (Per Current NEC)

- Thermal protector included.



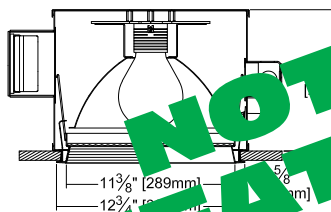
Recessed Round
Regressed Lens
QL Induction

Selected Optional Trims:

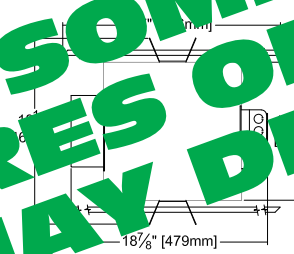
- White Grooveless Flare Option -40
- Fresnel Lens Option -FR

Performance at a Glance

QRR-11082

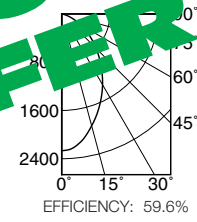


Option -40 Also Shown



Ceiling Cut-out
1 1/4" Dia.

QRR-11082 (QL 85W)



Cone of Light*

Dist.	FC	Dia.
6	63.0	5.7
8	35.4	7.6
10	22.7	9.5
12	15.8	11.4
14	11.6	13.2
16	8.9	15.1

SC 0.9

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.

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

QRR-11082

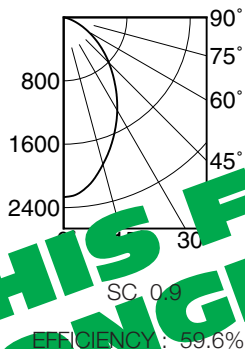
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

QRR-11082 (1 QL 85)



	CANDLEPOWER DISTRIBUTION					COEFFICIENT OF UTILIZATION							
	0.0	22.5	45.0	67.5	90.0	20							
0	2268	2268	2268	2268	2268	1	66	50	30	10	50	30	10
5	2226	2226	2226	2226	2226	2	66	64	62	60	60	59	58
10	1919	1919	1919	1919	1919	3	62	58	54	51	54	49	50
15	1547	1547	1547	1547	1547	4	57	52	48	44	49	46	43
20	1163	1163	1163	1163	1163	5	53	47	42	39	45	41	38
25	809	809	809	809	809	6	49	42	38	34	41	37	34
30	499	499	499	499	499	7	46	39	34	31	37	33	30
35	242	242	242	242	242	8	43	36	31	28	34	30	27
40	67	67	67	67	67	9	40	33	28	25	32	28	25
45	0	0	0	0	0	10	38	30	26	25	29	26	23
50	0	0	0	0	0	11	35	28	24	21	27	24	21

ITL TEST #50722 *LER=44.8 •AEC=\$5.35

THIS FIXTURE IS NO LONGER AVAILABLE FOR AN ALTERNATIVE PLEASE SEE FIXTURE ZRR-11082

NOTE: SOME DESIGN FEATURES OR OPTIONS MAY DIFFER

Options

Generator, Wattage and Voltage

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

Lenses and Trims

- 13 Vandal resistant tempered prismatic C#73 spread lens above 1/8" flat polycarbonate.
- 17 1/8" prismatic high strength acrylic lens.
- 20 White aluminum 1/2" cube egg-crate louver.
- 26 Vandal resistant version; see VRR-12044.
- 32 White oversize trim ring. Specify O.D.
- 40 White grooveless flare trim. (CP x 1.10)
- 45 Gasket between ceiling and trim flange.
- 46 Gasket between trim and lens.
- 94 Custom color/finish. Specify. Consult factory.
- FR Fresnel tempered glass lens.
- ML Microprismatic tempered lens.

Other

- 79 Extension collar for ceilings up to 2" thick.
- 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 office 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.