

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

10" QL 85 WATT MAXIMUM

QRR-10079

Open QL Induction Downlight: 55-85 Watt

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.

Reflectors

- Upper: Specular Alzak® aluminum.
- Lower: Low iridescence (L.I.) Alzak® aluminum - one piece, self-hinged.

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

- Pre-wired 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

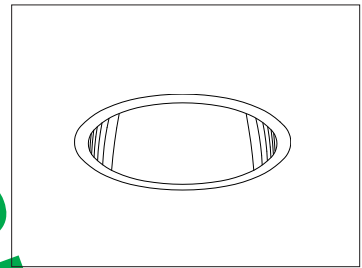
- Wet, damp or dry locations, covered ceilings.
- Through-branch conductors (6 #12).

Three Year Limited Warranty

- Complete standard fixture and ballast.

Thermal Protection (Per Current NEC)

- Thermal protector included.



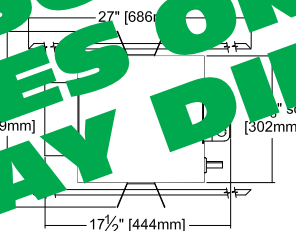
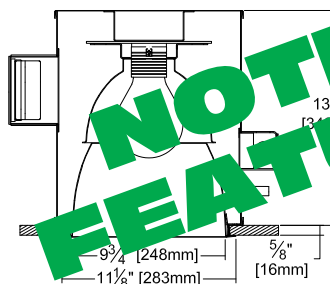
Recessed Round
Open
Dual Reflector
QL Induction

100,000 Hour Life

Ideal for
Inaccessible Areas:
Stairwells
Freezers
Mass Transit

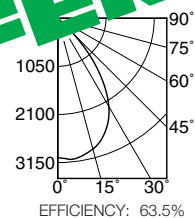
Performance at a Glance

QRR-10079



Ceiling Cut-out
10 1/4" Dia.

QRR-10079 (QL 85W)



Cone of Light*

Dist.	FC	Dia.
6	84.5	6.7
8	47.5	8.9
10	30.4	11.2
12	21.1	13.4
14	15.5	15.6
16	11.9	17.9

SC 1.1

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-10079

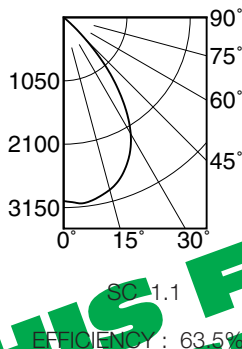
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Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

QRR-10079 (1 QL 85)



	CANDLEPOWER DISTRIBUTION				
	0.0	22.5	45.0	67.5	90.0
0	3042	3042	3042	3042	3042
5	3092	3092	3092	3092	3092
15	2956	2956	2956	2956	2956
25	2561	2561	2561	2561	2561
35	1744	1744	1744	1744	1744
45	523	523	523	523	523
55	7	7	7	7	7
65	4	4	4	4	4
75	2	2	2	2	2
85	0	0	0	0	0
90	0	0	0	0	0

	COEFFICIENT OF UTILIZATION				
	70	80	50	30	10
1	72	70	68	67	66
2	65	65	62	60	62
3	64	60	57	54	57
4	61	56	52	49	53
5	57	52	48	45	50
6	54	48	44	41	47
7	51	45	41	38	44
8	48	42	38	35	41
9	46	39	35	32	38
10	43	37	33	30	36

ITL TEST #51090 *LER=48.0 *AEC=\$5.00

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

THIS FIXTURE IS NO LONGER AVAILABLE FOR AN ALTERNATIVE PLEASE SEE FIXTURE ZRR-10079

NOTE: SOME DESIGN FEATURES OR OPTIONS MAY DIFFER

Options

Generator, Wattage and Voltage

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

Trims

- 31 White acrylic enameled lower cone/reflector flange.
- 32 White oversize trim ring. Specify O.D.
- 45 Gasket between ceiling and cone/reflector flange.
- 79 Extension collar for ceilings up to 2" thick.
- 82 Sloped ceiling adapter. Specify slope in 5° increments up to 30°.
- 94 Custom color/finish. Specify. Consult factory.

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 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.