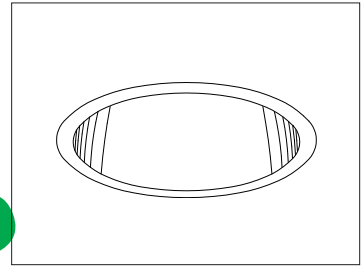


|           |         |         |
|-----------|---------|---------|
| CATALOG # | TYPE    |         |
| JOB NAME  | WATTAGE | VOLTAGE |

11" QL 165 WATT MAXIMUM

**QRR-11080**

## Open QL Induction Downlight: 55-165 Watt



### Features

#### Lamp Vessel (Included)

- One vertical QL lamp vessel: 165W (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.
- Extruded heat sink surrounds lamp base.
- 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 (LL) Alzak® aluminum, one piece, self-flanged.

#### 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

- Rewired 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 (Ø #12).

#### Three Year Limited Warranty

- Complete standard fixture and ballast.
- **Thermal Protection (Per Current NEC)**
- Thermal protector included.

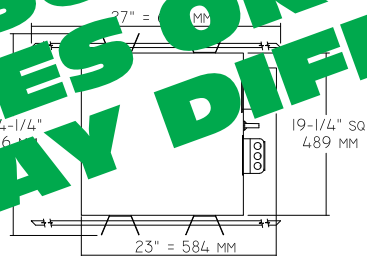
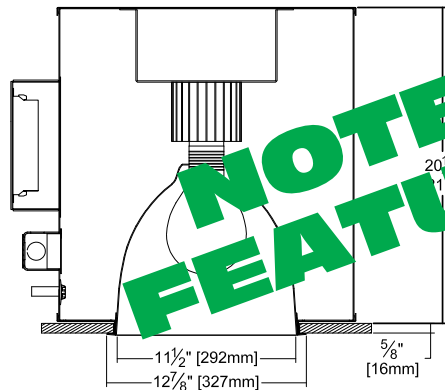
Recessed Round  
Open  
QL Induction

100,000 Hour Life

Ideal for  
Inaccessible Areas:  
Stairwells  
Freezers  
Mass Transit

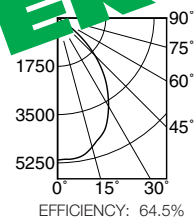
### Performance at a Glance

QRR-11080



Ceiling Cut-out  
12 3/4" Dia.

QRR-11080 (QL 165W)



| Cone of Light* |       |      |
|----------------|-------|------|
| Dist.          | FC    | Dia. |
| 6              | 142.9 | 6.6  |
| 8              | 80.4  | 8.8  |
| 10             | 51.5  | 11.0 |
| 12             | 35.7  | 13.2 |
| 14             | 26.3  | 15.4 |
| 16             | 20.1  | 17.6 |

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 165

CATALOG NUMBER

**QRR-11080**

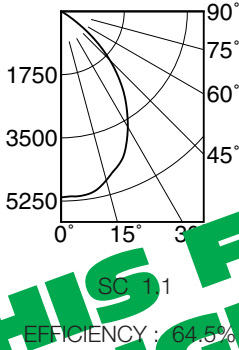
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

**Detailed Photometry - Installed Fixture**

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

**QRR-11080 (1 QL 165)**



| CANDLEPOWER DISTRIBUTION |      |      |      |      |      |
|--------------------------|------|------|------|------|------|
|                          | 0.0  | 22.5 | 45.0 | 67.5 | 90.0 |
| 0                        | 5146 | 5146 | 5146 | 5146 | 5146 |
| 5                        | 5138 | 5138 | 5138 | 5138 | 5138 |
| 15                       | 4839 | 4839 | 4839 | 4839 | 4839 |
| 25                       | 4214 | 4214 | 4214 | 4214 | 4214 |
| 35                       | 3145 | 3145 | 3145 | 3145 | 3145 |
| 45                       | 1914 | 1914 | 1914 | 1914 | 1914 |
| 55                       | 533  | 533  | 533  | 533  | 533  |
| 65                       | 13   | 13   | 13   | 13   | 13   |
| 75                       | 4    | 4    | 4    | 4    | 4    |
| 85                       | 0    | 0    | 0    | 0    | 0    |
| 90                       | 0    | 0    | 0    | 0    | 0    |

| COEFFICIENTS OF UTILIZATION |    |    |    |    |    |
|-----------------------------|----|----|----|----|----|
| RF                          | 20 |    | 50 |    | 10 |
| RC                          | 80 | 10 | 50 | 30 | 10 |
| RM                          | 10 | 50 | 30 | 10 | 10 |
| 1                           | 73 | 71 | 69 | 67 | 65 |
| 2                           | 68 | 65 | 61 | 59 | 57 |
| 3                           | 64 | 59 | 55 | 52 | 51 |
| 4                           | 60 | 54 | 50 | 47 | 46 |
| 5                           | 56 | 50 | 45 | 42 | 41 |
| 6                           | 52 | 46 | 41 | 38 | 37 |
| 7                           | 49 | 42 | 38 | 34 | 34 |
| 8                           | 46 | 39 | 35 | 31 | 31 |
| 9                           | 44 | 36 | 32 | 29 | 29 |
| 10                          | 41 | 34 | 29 | 27 | 26 |

HTL TEST #54799 • LER=47.4 • AEC=\$5.07

**THIS FIXTURE IS NO LONGER AVAILABLE FOR AN ALTERNATIVE PLEASE SEE FIXTURE ZRR-11080**

**NOTE: SOME DESIGN FEATURES OR OPTIONS MAY DIFFER**

**Options**

**Generator, Wattage and Voltage**

- 43 Lower wattage. QL 85 or 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.
- 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. INSTALLED 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 only 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.