

### NINE CELL PARABOLIC LOUVER: AIRPORT / OFFICE COMPLEX

12"

#### Features

##### Lamp

- 175 watt coated E/ED-17 universal.
- See Option -43 for optional lower wattage.
- Option -23 for Mercury, Option -24 for HPS.

##### Socket

- Horizontal. Medium base.
- Glazed porcelain.
- Nickel-plated brass screw shell. Silicone leads.

##### Reflector

- GlasSurfaced™ multi-faceted specular aluminum.

##### Trim Assembly

- 9 cell semi-specular clear anodized aluminum parabolic louver.
- UV absorbing tempered low brightness prismatic flat glass above louver.
- 3" depth of louver provides superior shielding angle and low brightness.
- Self-flanged trim.
- Springs retain snug fit to ceiling.
- 4 cell semi-specular clear parabolic louver (6" nominal quadrants) available (Option -95).

##### Ballast Assembly

- WhisperPack™ fully encapsulated 180°C rated HPF ballast.
- Premium Class H; CWA with 10:10 regulation.
- Capacitor (and ignitor for 150 watt or lower) supplied.
- 120 volt standard or see optional voltages.
- Cool, quiet, long-life. Silicone leads.
- Visible and easily serviced in all ceilings including dry wall.

##### Fuse

- Fused primary. Renewable. Aids servicing.

##### Housing

- Acrylic-enameled aluminum.
- Cool: Dissipates heat across entire surface area.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire serviced through removable trim assembly.
- Built-in plaster frame.

##### Outlet Box

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

##### Installation

- 27" galvanized channel bar hangers supplied (2).
- Fully adjustable universal mounting brackets supplied (2).
- Recesses indoor or outdoor in covered locations.

##### UL Listing

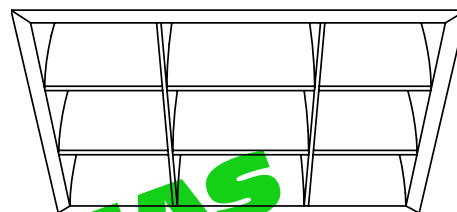
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12).

##### Three Year Limited Warranty

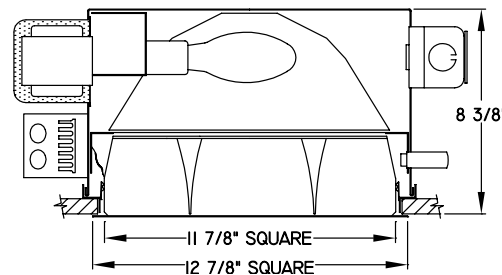
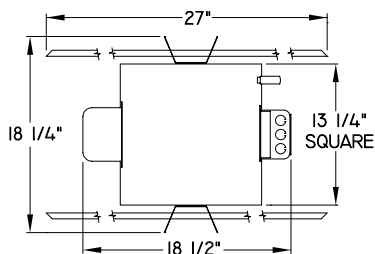
- Complete standard fixture.

##### Thermal Protection

- Per current NEC.



#### APPROVAL STAMP



## THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE ■ DETROIT, MICHIGAN 48207-4232  
(313) 259-6400 ■ FAX: (313) 259-9409 OR (313) 259-3121

**HIGH EFFICIENCY  
METAL HALIDE LIGHTING**

LAMP  
E/ED-17

WATTAGE  
175

**RS51269**

# RS51269 RECESSED SQUARE: 175 WATT MEDIUM BASE METAL HALIDE

**KIRLIN**

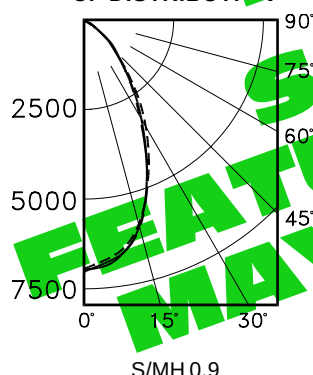
## Performance at a Glance - Installed Fixture

Cone of Light

| Ft. | FC    | Dia. |
|-----|-------|------|
| 6   | 195.4 | 5.1  |
| 8   | 109.9 | 6.7  |
| 10  | 70.4  | 8.4  |
| 12  | 48.9  | 10.1 |
| 14  | 35.9  | 11.8 |
| 16  | 27.5  | 13.5 |

## Photometrics

CP DISTRIBUTION



EFFICIENCY = 54.7%

ALL POWER DISTRIBUTION

|    | 0.0  | 45.0 | 90.0 | 135.0 | 180.0 |
|----|------|------|------|-------|-------|
| 0  | 7036 | 7036 | 7036 | 7036  | 7036  |
| 5  | 7062 | 6951 | 6904 | 6912  | 6955  |
| 15 | 6150 | 6071 | 6020 | 6059  | 6087  |
| 25 | 4114 | 4284 | 4353 | 4402  | 4091  |
| 35 | 2468 | 2437 | 2632 | 2440  | 2351  |
| 45 | 1288 | 1154 | 1247 | 1118  | 1195  |
| 55 | 581  | 471  | 470  | 426   | 461   |
| 65 | 142  | 108  | 111  | 96    | 119   |
| 75 | 42   | 33   | 35   | 31    | 34    |
| 85 | 6    | 8    | 15   | 6     | 4     |
| 90 | 0    | 0    | 0    | 0     | 0     |

COEFFICIENT OF UTILIZATION

|    | 20 |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
|    | 80 |    |    |    | 50 |    |    |    |
|    | RW | 70 | 50 | 30 | 10 | 50 | 30 | 10 |
| 1  | 62 | 60 | 59 | 57 | 57 | 56 | 54 |    |
| 2  | 58 | 55 | 53 | 51 | 52 | 51 | 49 |    |
| 3  | 55 | 51 | 48 | 45 | 49 | 46 | 44 |    |
| 4  | 52 | 47 | 43 | 41 | 45 | 42 | 40 |    |
| 5  | 49 | 43 | 40 | 37 | 42 | 39 | 37 |    |
| 6  | 46 | 40 | 37 | 34 | 39 | 36 | 34 |    |
| 7  | 43 | 38 | 34 | 31 | 36 | 33 | 31 |    |
| 8  | 41 | 35 | 32 | 29 | 34 | 31 | 29 |    |
| 9  | 39 | 33 | 29 | 28 | 32 | 29 | 27 |    |
| 10 | 37 | 31 | 28 | 25 | 30 | 27 | 25 |    |

Distribution curve and S/MH data shown are 90° to lamp axis.

## Options

- 23 Mercury ballast instead. 100ME standard or see Option -43. Specify voltage.
- 24 HPS ballast instead. 150ME standard or see Option -43. Specify voltage.
- 29 White Son ballast instead. For ED-17 medium base lamp. 100 watt standard in 120 volt only. Consult factory for 277 volt.
- 43 Lower wattage medium base - specify voltage and wattage for:

- Metal Halide: 150; Mercury: 75, 50; HPS: 100, 50; White Son: 50.
- 45 Gasket above trim flange (between trim and ceiling).
- 49 Extra circuit DCB socket. (100 watt max.) Must not be energized simultaneously with main source.
- 58 277 volt 60 Hz. ballast instead.
- 65 Relay and DCB socket. (100 watt max.) With fixture energized, provides immediate light during HID outage. Also see Option -66.
- 66 Time delay relay and DCB socket. (100 watt max.) When energized,

provides light until HID reaches 70% output.

- 94 Custom color trim assembly. Consult factory.
- 95 4 cell semi-specular clear parabolic louver (6" nominal quadrants) instead.
- 97 Other voltage ballasts. Consult factory.
- 99 Special modification. Consult factory.
- LP With lamp. Specify source, wattage, color temperature, and clear or coated (3700°K standard for MH). Consult factory for other color temperatures.
- LS With tungsten halogen standby lamp. (100 watt max.) Use only with Options -49, -65 or -66.

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**RS51269**

WATTAGE

175

LAMP

E/ED-17

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METAL HALIDE LIGHTING**

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION TO N.E.C. IN NORMAL USE. Manufacturer at this 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, or repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.