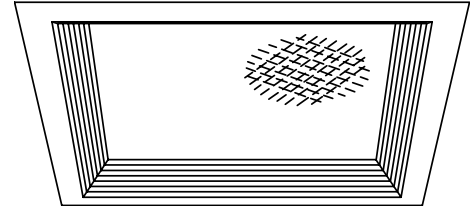


12"

REGRESSED LENS: OFFSET DISTRIBUTION



Features

Lamp

- 175 watt coated ED/BT-28 horizontal or universal.
- See Option -43 for optional lower wattage.
- Option -23 for Mercury, Option -24 for HPS.

Socket

- Offset horizontal. Mogul base.
- Glazed porcelain.
- Nickel-plated brass screw shell. Silicone leads.

Reflector

- GlasSurfaced™ multi-faceted specular aluminum.

Trim Assembly

- Tapered black OptiGroove with white flange.
- Self-flanged trim.
- UV absorbing tempered low brightness prismatic flat glass.
- Torsion springs retain snug fit to ceiling.

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).

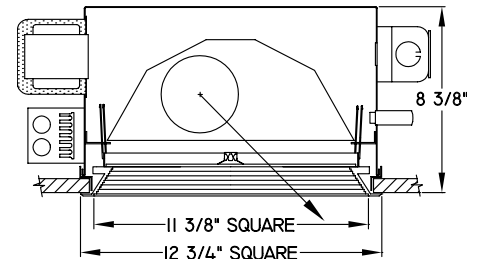
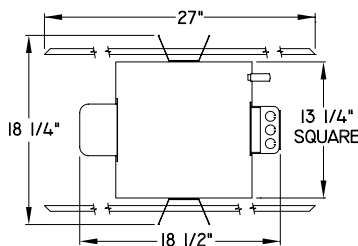
Three Year Limited Warranty

- 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
ED/BT-28

WATTAGE
175

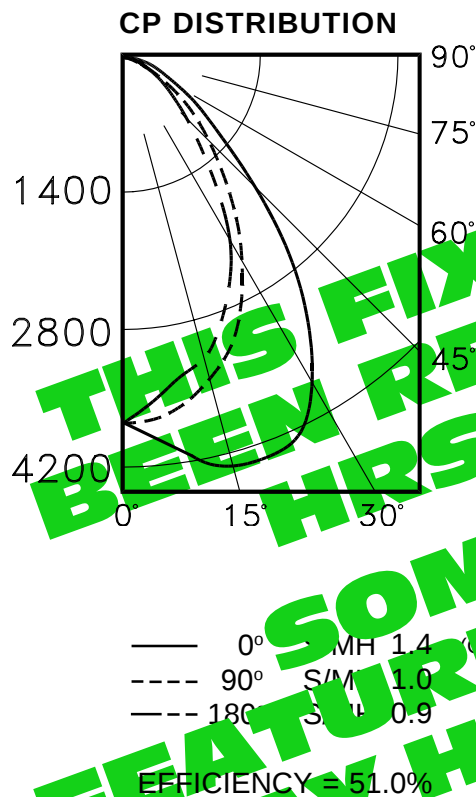
RS51267

RS51267 RECESSED SQUARE: 175 WATT MOGUL BASE METAL HALIDE

KIRLIN

Performance at a Glance - Installed Fixture

Photometrics



CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	3685	3685	3685	3685	3685
5	3885	3827	3654	3536	3485
15	4300	3984	3335	3124	3078
25	4199	3714	2692	2533	2495
35	3214	2938	1873	1766	1617
45	1812	1774	1061	975	845
55	831	492	500	453	410
65	372	355	238	220	194
75	155	142	102	84	87
85	5	6	2	5	5
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RC	30	30	1	30	30	10	10
1	57	55	53	52	52	51	50
2	53	50	47	45	47	45	43
3	49	45	42	39	43	40	38
4	46	41	37	35	39	36	34
5	43	37	34	31	36	33	30
6	41	34	31	28	33	30	27
7	38	32	28	25	31	27	25
8	35	29	26	23	28	25	23
9	33	28	23	21	26	23	21
10	31	25	22	19	25	21	19

Options

- 23 Mercury ballast instead. 175MO standard or see Option -43. Specify voltage.
- 24 HPS ballast instead. 150MO standard or see Option -43. Specify voltage.
- 27 Clear 1/4" tempered glass beneath prismatic flat lens, for vandal resistance.
- 40 White grooveless flare trim assembly instead.
- 43 Lower wattage - specify voltage and wattage for: Mercury: 100; HPS: 100, 70, 50.
- 45 Gasket above trim flange (between trim and ceiling).
- 46 Gasket between trim and lens.
- 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.
- 97 Other voltage ballasts. Consult factory.
- 99 Special modification. Consult factory.
- LP With lamp. Specify source, wattage, color temperature, and clear or coated (3200°K standard for horizontal 175MH; 3400°K for universal). 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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RS51267

WATTAGE

175

LAMP

ED/BT-28

**HIGH EFFICIENCY
METAL HALIDE LIGHTING**

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE, INSTALLED 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.