

12"

REGRESSED LENS: LOBBY / MALL

Features

Lamp

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

Socket

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

Reflector

- Specular Alzak® aluminum.

Trim Assembly

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

Ballast Assembly

- WhisperPack™ fully encapsulated 180°C rated HPF ballast.
- Premium Class H; CWA 10:10 regulation.
- Capacitor 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 spraytest.
- 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 hanger supplied (2).
- Fully adjustable universal mounting brackets supplied (2).
- Recesses indoor or outdoor in covered locations.

UL Listing

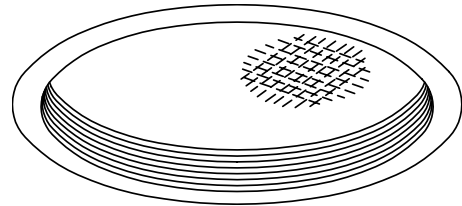
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12).

Three Year Limited Warranty

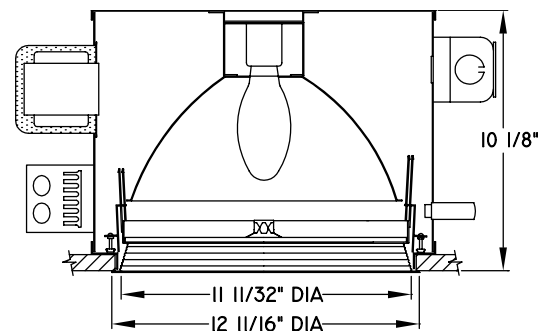
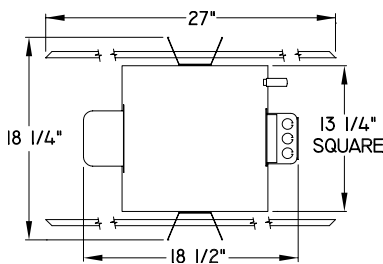
- Complete standard fixture.

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

RR51222

RR51222 RECESSED ROUND: 175 WATT MEDIUM BASE METAL HALIDE

KIRLIN

Performance at a Glance - Installed Fixture

RR51222

Ft.	FC	DIA.
6	457.5	3.7
8	257.3	5.0
10	164.7	6.2
12	114.4	7.5
14	84.0	8.7
16	64.3	10.0

RR51222-FR

Ft.	FC	DIA.
6	221.4	6.3
8	124.5	8.5
10	79.7	10.6
12	55.3	12.7
14	40.7	14.8
16	31.1	16.9

RR51222-HO

Ft.	FC	DIA.
6	314.6	5.3
8	177.0	7.1
10	113.3	8.8
12	78.7	10.6
14	57.8	12.4
16	44.2	14.1

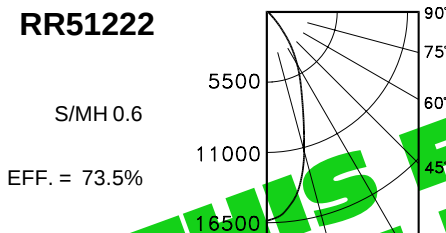
Cone of Light Key

- Ft. Distance to surface from fixture (mounting height)
FC. Footcandles
DIA. Diameter (in feet) of the circle of light when FC value is half the FC at nadir.

SINGLE FIGURE

Photometric Data - Installed Fixture

RR51222



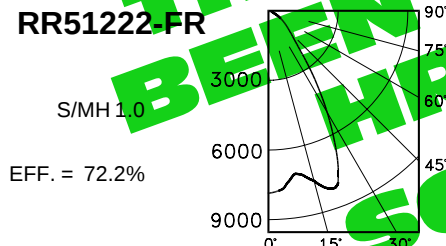
CANDLEPOWER DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	16469	16469	16469	16469	16469
5	15743	15743	15743	15743	15743
10	11167	11167	11167	11167	11167
15	5989	5989	5989	5989	5989
20	2788	2788	2788	2788	2788
25	1229	1229	1229	1229	1229
30	547	547	547	547	547
35	285	285	285	285	285
40	162	162	162	162	162
45	50	50	50	50	50
50	0	0	0	0	0

COEFFICIENT OF UTILIZATION

RC	80	50	30	10	50	30	10
1	83	81	79	77	76	74	73
2	78	74	71	68	71	68	66
3	74	69	65	62	66	63	60
4	70	64	60	56	62	58	55
5	66	60	55	52	58	54	51
6	63	56	52	48	54	51	48
7	60	53	48	45	51	47	45
8	57	50	45	42	49	45	42
9	54	47	43	40	46	42	39
10	52	45	40	38	44	40	37

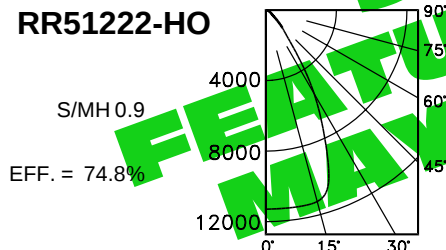
RR51222-FR



	0.0	22.5	45.0	67.5	90.0
0	7970	7970	7970	7970	7970
5	7809	7809	7809	7809	7809
10	7714	7714	7714	7714	7714
15	7224	7224	7224	7224	7224
20	3331	3331	3331	3331	3331
25	1377	1377	1377	1377	1377
30	759	759	759	759	759
35	448	448	448	448	448
40	230	230	230	230	230
45	49	49	49	49	49
50	0	0	0	0	0

RC	80	50	30	10	50	30	10
1	81	78	76	74	74	72	71
2	76	71	68	65	68	65	63
3	71	65	61	57	62	59	56
4	67	60	55	52	57	54	51
5	62	55	50	47	53	49	46
6	59	51	46	43	49	45	42
7	55	48	43	39	46	42	39
8	52	44	39	36	43	39	36
9	49	42	37	33	40	36	33
10	47	39	34	31	38	34	31

RR51222-HO



	0.0	22.5	45.0	67.5	90.0
0	11327	11327	11327	11327	11327
5	11231	11231	11231	11231	11231
10	10910	10910	10910	10910	10910
15	7296	7296	7296	7296	7296
20	3416	3416	3416	3416	3416
25	1115	1115	1115	1115	1115
30	406	406	406	406	406
35	230	230	230	230	230
40	117	117	117	117	117
45	30	30	30	30	30
50	0	0	0	0	0

RC	80	50	30	10	50	30	10
1	84	82	80	78	77	76	75
2	80	76	73	70	72	70	67
3	75	70	66	63	67	64	61
4	71	65	61	57	63	59	56
5	68	61	56	53	59	55	52
6	64	57	52	49	55	51	48
7	61	53	49	45	52	48	45
8	58	50	45	42	49	45	42
9	55	48	43	39	46	42	39
10	52	45	40	37	44	40	37

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.
- 26 Tamper-proof trim. Flush recessed hex screws with center pin secure trim to housing. continuous ring and four screws secure lens. One key provided/ten fixtures. Also see Option -27.
- 27 Clear 1/4" tempered glass beneath prismatic flat lens, for vandal resistance. Also see Option -26.
- 29 White Son ballast instead. For ED-17 medium base lamp. 100 watt standard in 120 volt only. Consult factory for 277 volt.

- 40 White grooveless flare trim assembly instead.
- 43 Lower wattage medium base - specify voltage and wattage for: Metal Halide: 150, 100; Mercury: 75; HPS: 100, 70; White Son: 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.
- FR Fresnel tempered lens instead. Concentric prisms.
- FT Flat white trim instead. Standard with UV absorbing tempered prismatic glass or add Option -FR or -HO.
- HO Holophane tempered concave prismatic lens instead.
- LP With lamp. Specify source, wattage, color temperature, and clear or coated (3200°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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RR51222

WATTAGE

175

LAMP

E/ED-17

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. 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 the 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.