

PAR 38 Eyeball: Ideal for Retail

PAR 30 / PAR 20-35 Watt Available. See Option -43

Features

Lamp

- Designed for: 150 watt PAR 38 metal halide.
- 20° spot standard. As options, 35° flood or 65° wide flood beam spreads available.
- See Option -43 for lower wattage PAR 38, PAR 30, PAR 20.

Socket Assembly

- Adjustable. Medium base. Pulse rated.
- Glazed porcelain.
- Nickel-plated brass screw shell. Silicone leads.

Trim Assembly

- Eyeball shield.
- 358° rotation with 40° maximum tilt.
- Seamless tapered black OptiGroove with white flange. Also see Options -40 and -FT.

Ballast Assembly

- WhisperPack™ fully encapsulated 180°C rated HPI ballast. 3 year warranty.
- Premium Class H high reactance 5:12 regulation.
- Capacitor and ignitor 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

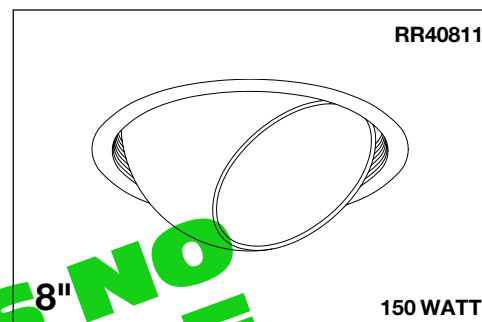
- Fused primary. Renewable. Aids servicing.

Housing

- Acrylic enameled aluminum.
- Cool: Dissipates heat across entire surface area. Ventilated.
- 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.



Virtual Infinite Adjustability

Installation

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

UL, C-UL (Canada) Listings

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

Three Year Limited Warranty

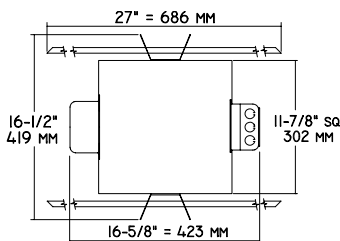
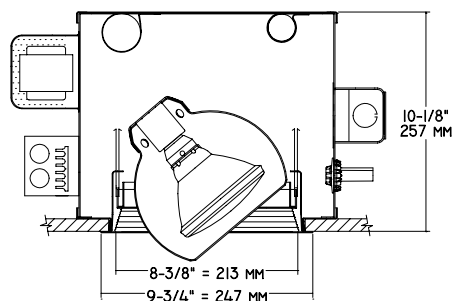
- Complete standard fixture.

Thermal Protection

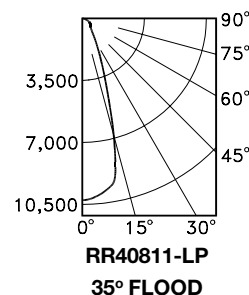
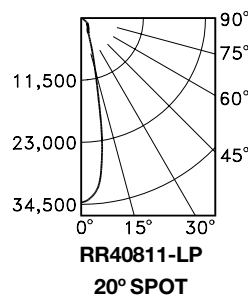
- Per current NEC.

Performance at a Glance

RR40811



CP Distribution
(Assumes use in vertical position)



THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121 • www.light-link.com/kirlin

MAXIMUM WATTAGE

CATALOG NUMBERS

PRECISION LIGHTING
METAL HALIDE

150 PAR 38

RR40811

THE KIRLIN COMPANY RESERVES THE RIGHT TO CHANGE, WITHOUT NOTICE, DETAILS OR SPECIFICATIONS IN PRODUCT DESIGN.

RR40811

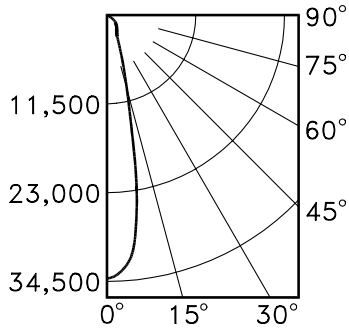
RECESSED ROUND: 150 WATT PAR 38 METAL HALIDE

Detailed Photometry - Installed Fixture (Assumes use in vertical position)

FROM I.T.L. (BOULDER, CO) RR400811-LP(Spot): TEST #43877 RR400811-LP (Flood): TEST #43882

RR40811-LP (20° Spot)

*LER = 45.0 •AEC = \$5.34



EFFICIENCY = 99.5%

CANDLEPOWER DISTRIBUTION

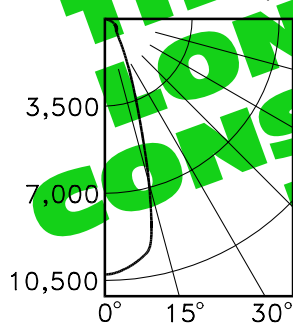
	0.0	22.5	45.0	67.5	90.0
0	34146	34146	34146	34146	34146
5	31606	31606	31606	31606	31606
15	10259	10259	10259	10259	10259
25	3088	3088	3088	3088	3088
35	1726	1726	1726	1726	1726
45	1195	1195	1195	1195	1195
55	581	581	581	581	581
65	133	133	133	133	133
75	83	83	83	83	83
85	50	50	50	50	50
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
1	113	111	108	106	104	103	101
2	108	103	99	96	98	95	93
3	103	97	92	88	93	89	86
4	98	91	86	82	88	84	80
5	94	86	81	77	84	79	76
6	90	82	76	72	80	75	72
7	87	78	72	69	76	71	68
8	83	75	69	65	73	68	65
9	80	72	66	63	70	66	62
10	78	69	64	60	68	63	60

RR40811-LP (35° Flood)

*LER = 44.8 •AEC = \$5.36



EFFICIENCY = 99.1%

CANDLEPOWER DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	16517	16517	16517	16517	16517
5	16119	16119	16119	16119	16119
15	12467	12467	12467	12467	12467
25	4399	4399	4399	4399	4399
35	1544	1544	1544	1544	1544
45	1062	1062	1062	1062	1062
55	647	647	647	647	647
65	249	249	249	249	249
75	116	116	116	116	116
85	66	66	66	66	66
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

20							
RC	80				50		
RW	70	50	30	10	50	30	10
1	113	110	107	105	104	102	100
2	107	102	97	94	97	93	90
3	101	94	89	85	90	86	83
4	96	88	82	78	85	80	77
5	91	83	77	72	80	75	71
6	87	78	72	68	76	71	67
7	83	74	68	63	72	67	63
8	79	70	64	60	68	63	60
9	76	67	61	57	65	60	56
10	73	63	58	54	62	57	54

Options

- 32 Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening.
- 40 White grooveless regressed flare trim instead.
- 43 Lower wattage - specify voltage and wattage: PAR 38: 100, 70 watt; PAR 30 or PAR 20: 35 watt.

- 45 Gasket above trim flange (between trim and ceiling).
- 58 277 volt 60 Hz. ballast instead.
- 79 Extension collar for up to 2" thick ceilings.
- 94 Custom color eyeball or trim. Consult factory.
- 97 Other voltage ballast. Consult factory.
- 99 Special modification. Consult factory.

- FT Flat white trim instead.
- LP With 20° spot PAR 38 lamp. Specify wattage. 3200°K standard or consult factory. 75 CRI and 7500 hour life. For 35° flood or 65° wide flood, consult factory. Or with Option -43, 35 watt 10° spot PAR 30 (85 CRI, 9000 hour life) or PAR 20 (81 CRI, 6000 hour life). For 35 watt 30° flood PAR 30 or PAR 20, consult factory.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION, 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 purchaser 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 void the warranty void.