

Lensed Wall Wash: For Medium Base or Par Lamp

Features

Lamp

- Designed for:
 - 100 watt coated E/ED-17 universal burn metal halide: RR50792.
 - 150 watt Par 38 universal burn metal halide 35° flood: RR50793.
- See Option -43 for optional lower wattage medium base or Par 38, Par 30, Par 20; Option -23 for Mercury, Option -24 for HPS (RR50792 only).
- For RR50793: as Options, 20° spot or 65° wide flood beam spreads available.

Socket

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

Reflectors

- RR50792 Upper: Specular Alzak® aluminum.
- Lower: Self-flanged specular Alzak. Torsion spring retention ensures snug fit to ceiling. Optional colors available.

Lens

- UV absorbing tempered prismatic glass mounted to lower reflector.

Ballast Assembly

- Whisper Pack™ fully encapsulated 180°C rated HPF ballast. Capacitor (and ignitor for RR50792) supplied.
- Premium Class H; high reactance with 5:12 regulation.
- 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 reflector 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 bar hangers supplied (2).
- Fully adjustable universal mounting brackets supplied (2).
- Recesses indoor or outdoor in covered locations.

UL, C-UL (Canada) Listings

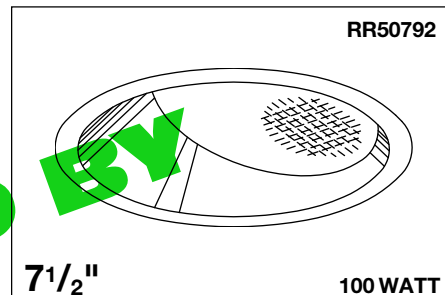
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6#12).

Three Year Limited Warranty

- Complete standard fixture.

Thermal Protection

- Per current NEC.

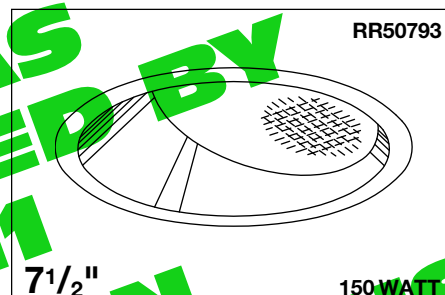


7 1/2"

RR50792

100 WATT

Shallow 6-1/4" Overall Depth



7 1/2"

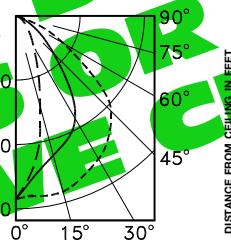
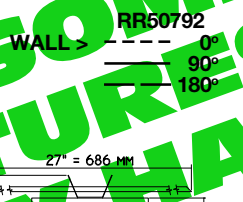
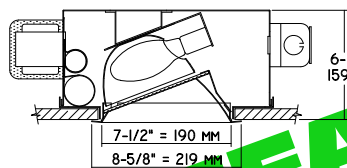
RR50793

150 WATT

Designed for Par 38 Lamp
Also Available for Par 30 or Par 20

Performance at a Glance

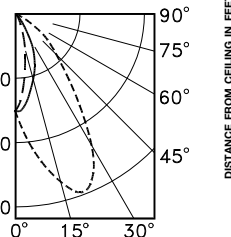
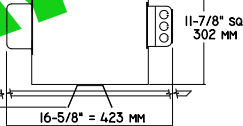
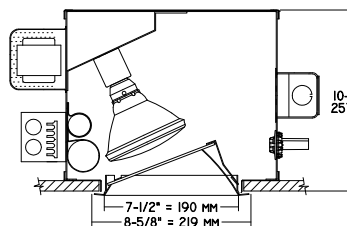
RR50792



DISTANCE FROM CEILING IN FEET	SINGLE FIXTURE				MULTIPLE FIXTURES			
	1'	2'	3'	4'	3' CENTERS	4' CENTERS	4' CENTERS	
1	15.2	11.3	6.5	4.4	3.7	30.2	27.7	30.2
2	60.0	48.0	23.7	10.2	5.1	86.8	82.5	86.8
3	62.7	57.5	39.1	19.9	9.0	110.0	116.0	110.0
4	44.2	42.0	35.0	24.1	12.9	102.0	101.0	102.0
5	30.4	29.3	25.8	21.3	13.9	84.8	82.9	84.8
6	21.4	20.8	18.9	16.4	12.6	67.9	67.7	67.9
7	15.8	15.5	14.3	12.7	10.6	55.5	56.1	55.5
8	12.3	12.0	11.3	10.2	8.9	47.0	47.4	47.0
9	10.1	9.9	9.4	8.7	7.8	41.3	41.7	41.3

RR50792

RR50793



DISTANCE FROM CEILING IN FEET	SINGLE FIXTURE				MULTIPLE FIXTURES			
	1'	2'	3'	4'	3' CENTERS	4' CENTERS	4' CENTERS	
1	10.2	8.2	6.0	5.2	4.6	23.8	27.0	28.8
2	51.6	33.9	14.9	6.9	4.7	73.4	59.6	73.4
3	98.3	68.6	30.2	11.8	6.2	130.0	111.0	130.0
4	109.0	82.1	42.5	17.9	8.5	154.0	141.0	154.0
5	93.2	74.2	44.0	21.7	10.8	147.0	140.0	147.0
6	72.0	60.3	39.7	22.3	12.4	128.0	125.0	128.0
7	53.8	46.6	33.5	21.0	12.9	108.0	108.0	108.0
8	40.1	35.8	27.6	19.1	12.8	91.5	91.4	91.5
9	30.8	28.2	23.2	17.4	12.6	79.1	79.6	79.1

RR50793

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

E/ED-17
Par 38

100
150

RR50792
RR50793

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

Alzak® is a registered trademark of ALCOA.

RR50792

RR50793 RECESSED ROUND: 100 WATT or 150 WATT PAR 38 MEDIUM BASE METAL HALIDE

KIRLIN

Detailed Photometry - Installed Fixture

RR50792

CANDLEPOWER DISTRIBUTION

COEFFICIENTS OF UTILIZATION

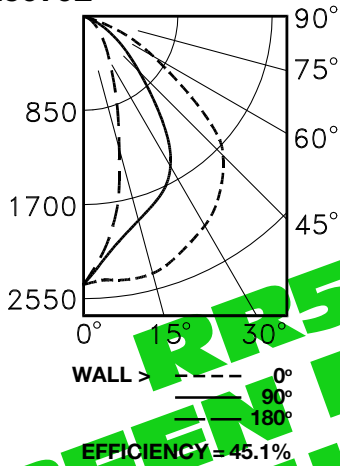


Table with 5 columns (0.0, 45.0, 90.0, 135.0, 180.0) and 11 rows of candlepower data.

Table with 3 columns (80, 50) and 11 rows of coefficients of utilization data.

RR50793

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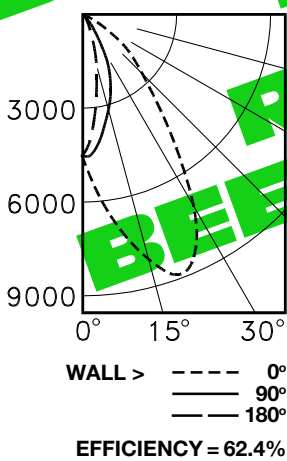


Table with 5 columns (0.0, 45.0, 90.0, 135.0, 180.0) and 11 rows of candlepower data.

Table with 3 columns (80, 50) and 11 rows of coefficients of utilization data.

Estimated Multipliers: -70 Clear SofTex: CP x .93, -91 SofTex Wheat: CP x .87, -16 Champagne Gold Alzak: CP x .95, -71 SofTex Dune: CP x .87, -80 White finish: CP x .90, -92 Umber Alzak: CP x .75, -93 Pewter Alzak: CP x .90

Options

- 16 Champagne Gold anodized Alzak self-flanged lower reflector.
-23 Mercury ballast instead (RR50792). 100ME standard or see Option -43. Specify voltage.
-24 HPS ballast instead (RR50792). 100ME standard or see Option -43. Specify voltage.
-30 All white self-flanged reflector. (CP x .90)
-31 White reflector flange on Alzak lower reflector.
-32 Trim extender. Broadens trim flange to cover larger ceiling opening.
-43 Lower wattage medium base-specify voltage and wattage for: RR50792: Metal Halide: 70, 50; Mercury: 75, 50; HPS: 70, 50, 35; or RR50793: Metal Halide: 100, 70W Par 38, 35W Par 30 or Par 20.
-45 Gasket above reflector flange. Stops dust streaks on ceiling.
-49 Extra DCB socket (RR50792 only - 100 watt max.). Must not be energized simultaneously with main source.
-58 277 volt 60 Hz. ballast instead.
-65 Relay and DCB socket (RR50792 only - 100 watt max.). With fixture energized, provides immediate light during HID outage. See -66.
-66 Time delay relay and DCB socket (RR50792 only - 100 watt max.). When energized, provides light until HID reaches 70% output.
-70 SofTex clear self-flanged lower reflector.
-71 SofTex Dune self-flanged lower reflector.
-82 Sloped ceiling adapter with mounting hardware. Specify 5° increments up to 30°.
-90 SofTex Champagne Gold softly etched lower reflector.
-91 SofTex Wheat self-flanged lower reflector.
-92 Umber anodized Alzak self-flanged lower reflector.
-93 Pewter anodized Alzak self-flanged lower reflector.
-94 Custom color self-flanged lower reflector. Consult factory.
-97 Other voltage ballasts. Consult factory.
-98 347 volt 60 Hz. ballast instead.
-99 Special modification. Consult factory.
-LP With lamp. 3200°K standard for MH; consult factory for others. RR50792: Specify source, wattage, color temperature, and clear or coated. RR50793: 20° spot Par 38. Specify wattage. 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 (85 CRI, 6000 hour life). For 35 watt 30° flood Par 30 or Par 20, consult factory.
-LS With tungsten halogen standby lamp. (100 watt max.) Use only with Options -49, -65 or -66.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____
TYPE _____
WATTAGE _____ VOLTAGE _____
CATALOG NUMBER _____

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE... METAL HALIDE APRIL 1997

RR50792 HAS BEEN REPLACED BY HRR-07205
RR50793 HAS BEEN REPLACED BY HRR-07201
SOME DESIGNS OR OPTIONS MAY HAVE CHANGED