

Decorative Pendant PAR Downlight with Uplight Effect

Features

Lamp

- Designed for 150 watt PAR 38 metal halide lamps.

Socket

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

Luminaire

- Four perpendicular .125" aluminum blades radially surround pendant.
- Two parallel 3" diameter .125" aluminum discs retain blades at 90°.
- Blades are seated into .08" seamless spun aluminum trim.
- White anodized finish standard. See Options for other colors.
- Laser cut and welded aluminum construction.
- Rustproof. Meets 1000 hour ASTM salt spray test.

salt spray test.

Ballast Assembly

- Remote mount F-can (encapsulated) ballast with snap-on wiring compartment and mounting brackets. (10' maximum distance from lamp)
- Premium Class 1 ballast.
- Automatic short circuit protection.
- Optional overload or see other ballasts.

Use

- Contained within 10' maximum distance from lamp.

Installation

- For remote mount. 1/8" 7/16" hole for custom lens or for canopy mount for sloped ceiling. See Options -87 and -88.

UL and UL-Listed Listings

- For damp or dry locations, covered ceiling.
- See Year Limited Warranty.
- Complete standard fixture.

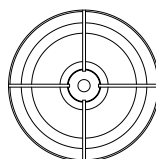
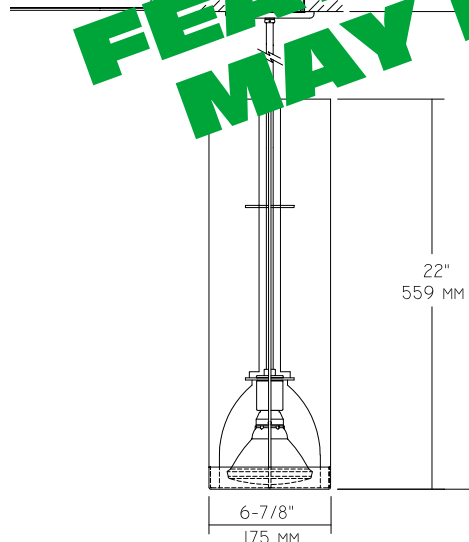
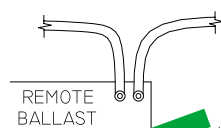


6"

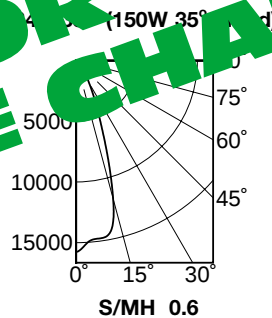
150 Watt

**Designed for
150 Watt PAR 38
35° Medium Flood
20° Spot**

Performance at a Glance



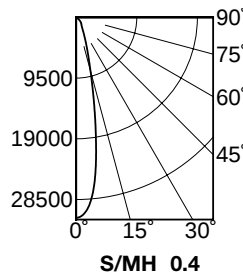
PLAN VIEW



Cone of Light*		
Ft.	FC	Dia.
6	438.0	3.8
8	246.4	5.0
10	157.7	6.3
12	109.5	7.6
14	80.4	8.8
16	61.6	10.1

Luminance Data		
Angle	Average	
45°	72834	
55°	44895	
65°	15786	
75°	14695	
85°	12162	
		(Candela/Sq. M)

PR40633 (150W 20° Spot)



Cone of Light*		
Ft.	FC	Dia.
6	871.4	2.2
8	490.2	3.0
10	313.7	3.7
12	217.9	4.4
14	160.1	5.2
16	122.5	5.9

Luminance Data		
Angle	Average	
45°	74914	
55°	34242	
65°	12688	
75°	7468	
85°	5723	
		(Candela/Sq. M)

Cone of Light Key

- Ft. Distance from fixture
- FC Footcandles (average)
- Dia. Circle of light at 50% of FC

* Dia. (in ft.) shown is where FC value is half the FC at nadir. Distribution curves and S/MH data shown are 90° to lamp axis.

THE KIRLIN COMPANY

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(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121 • www.kirlinlighting.com

LAMP

MAXIMUM WATTAGE

CATALOG NUMBER

**HIGH EFFICIENCY
METAL HALIDE LIGHTING**

PAR 38

150

PR40633

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

PR40633

PENDANT ROUND: 150 WATT PAR 38 METAL HALIDE DOWNLIGHT

Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO)

FLOOD: TEST NUMBER 51246

SPOT: TEST NUMBER 51247

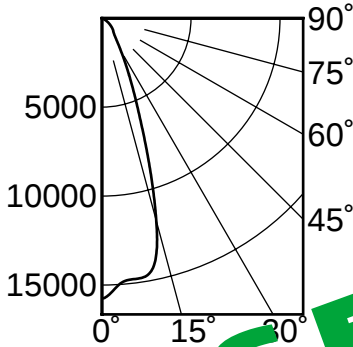
PR40633 150W 35° FLOOD

*LER = 50.2

*AEC = \$4.78

CANDLEPOWER DISTRIBUTION

COEFFICIENTS OF UTILIZATION



	0.0	22.5	45.0	67.5	90.0
0	15767	15767	15767	15767	15767
5	14828	14828	14828	14828	14828
15	11780	11780	11780	11780	11780
25	3724	3724	3724	3724	3724
35	1308	1308	1308	1308	1308
45	826	826	826	826	826
55	510	510	510	510	510
65	315	315	315	315	315
75	177	177	177	177	177
85	86	86	86	86	86
90	0	0	0	0	0

RF	20					
RC	50					
RW	70	80	10	50	30	10
1	108	103	101	99	97	96
2	103	98	91	93	90	88
3	98	87	83	88	84	81
4	93	81	77	83	79	76
5	89	76	72	78	74	71
6	85	71	67	75	70	67
7	81	67	64	71	66	63
8	78	64	60	68	63	60
9	75	61	57	65	60	57
10	72	58	55	62	57	54

EFFICIENCY = 94.5%

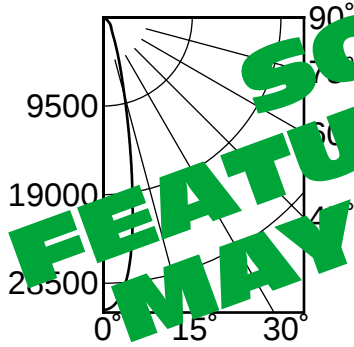
PR40633 150W 20° FLOOD

*LER = 49.9

*AEC = \$4.81

CANDLEPOWER DISTRIBUTION

COEFFICIENTS OF UTILIZATION



	0.0	22.5	45.0	67.5	90.0
0	31371	31371	31371	31371	31371
5	28208	28208	28208	28208	28208
15	8683	8683	8683	8683	8683
25	2840	2840	2840	2840	2840
35	1460	1460	1460	1460	1460
45	963	963	963	963	963
55	315	315	315	315	315
65	86	86	86	86	86
75	31	31	31	31	31
85	8	8	8	8	8
90	0	0	0	0	0

RF	20					
RC	50					
RW	70	80	10	50	30	10
1	108	105	103	101	99	98
2	103	98	95	92	94	91
3	98	93	88	85	89	86
4	94	87	83	79	84	81
5	90	83	78	74	80	76
6	86	79	74	70	77	73
7	83	75	70	67	74	69
8	80	72	67	64	71	66
9	77	69	64	61	68	64
10	75	67	62	59	65	61

S/MH 0.4

EFFICIENCY = 94.5%

* LER = Luminaire Efficacy Rating

LER = $\frac{\text{Luminaire Effic.} \times \text{Total Lamp Lumens} \times \text{Ballast Factor}}{\text{Input Watts}}$

* AEC = Annual Energy Cost per 1000 lumens (based on 3000 hours use @ \$0.08 KWH).

Options

- 35 Silver enameled luminaire finish instead.
- 36 Gold enameled luminaire finish instead.
- 37 Dark Bronze enameled luminaire finish instead.
- 38 Black enameled luminaire finish instead.

- 43 Lower wattage. Specify 100 or 70W PAR 38 and voltage.
- 58 277 volt 60 Hz. ballast instead.
- 87 Custom -PM length. Specify up to 6 feet maximum.
- 88 Swivel canopy for sloped ceilings up to 45°. Earthquake rated.

- 94 Custom color luminaire and pendant. Consult factory.
- 96 Regulating electronic MH ballast instead.
- 99 Special modification. Consult factory.
- LP With lamp. Specify wattage, beam spread, style (PAR 38), brand and color temperature.

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 the option will replace or repair such fixture or refund the purchase price or presentation of proof of purchase and defective fixture 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 from the manufacturer will render the warranty void.