

Direct-Indirect: Stunning Accent Lighting for Atrium, Church, Mall

Features

Lamps / Sockets

- Designed for:
WR30649: 250 watt (max.) PAR 38 (direct), 120 watt (max.) PAR 38 (indirect) tungsten halogen lamps (by others).
WR30950: 250 watt (max.) PAR 38 (direct and indirect) tungsten halogen lamps (by others).
- Rated 4200 hour life; 100 CRI.
- Dimmable (controls by others).
- Glazed porcelain medium base sockets.

Reflectors

- Self-flanged parabolic specular Alzak® aluminum.
- Ten optional self-flanged colors and finishes available for direct position. See Options.

Housing

- White acrylic enameled rigid aluminum

with wall bracket. No visible hardware.

See Options for other colors.

- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Cool: Dissipates heat across entire surface area.

Installation

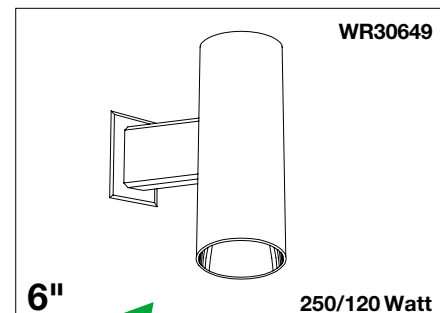
- Wall bracket extrusion (WR30649: 3" WR30950: 6") assembled to housing. Wall plate included, for recessed outlet box.
- Indoor or outdoor for covered ceiling use. (See Option -86)
- Pendant mount available for indoor installation (WR30950 only). (Option -PM)

UL, C-UL (Canada) Listings

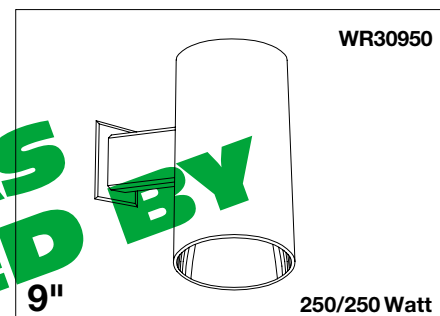
- Wet, damp or dry locations, covered ceilings. (See Option -86)

Three Year Limited Warranty

- Complete standard fixture.

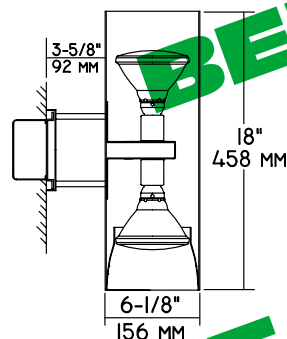


Airport, School, Lobby
10 Optional Reflector Finishes

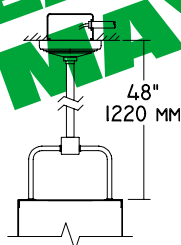
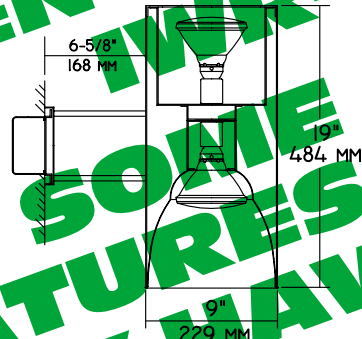


Performance at a Glance

WR30649



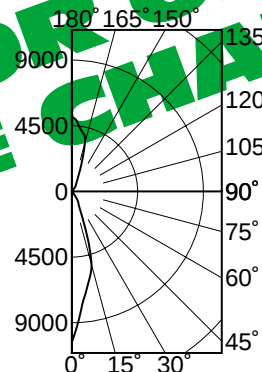
WR30950



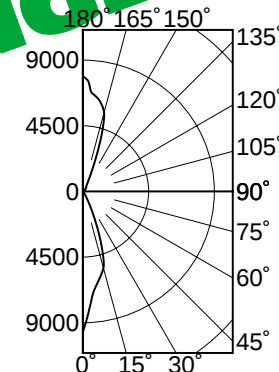
Representative View:

(Left) Optional pendant mount for WR30950 only (Option -PM)

WR30649
(250W Flood / 120W Flood)



WR30950
(250W Flood / 250W Flood)



THE KIRLIN COMPANY

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NEW MILLENNIUM

TUNGSTEN HALOGEN and
INCANDESCENT LIGHTING

LAMP

PAR 38
PAR 38

MAXIMUM WATTAGE

250/120
250/250

CATALOG NUMBERS

WR30649
WR30950

WR30649

WR30950

WALL BRACKET ROUND: 250/120 and 250/250 WATT (MAX.) PAR 38 TUNGSTEN HALOGEN

KIRLIN

Detailed Photometry - Installed Fixture

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

WR30649 (250/120W FL): ITL TEST NUMBER 47064

WR30649 (120/120W FL): ITL TEST NUMBER 47065

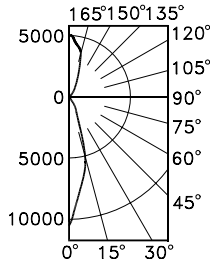
WR30950 (250/250W FL): ITL TEST NUMBER 47719

WR30649

250/120
WATT
FLOOD

S/MH 0.5

EFFICIENCY = 92.5%



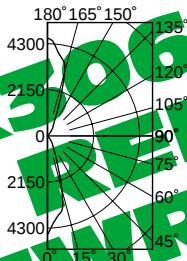
CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	10327	10327	10327	10327	10327
10	6410	6410	6410	6410	6410
30	875	875	875	875	875
50	38	38	38	38	38
70	0	0	0	0	0
90	0	0	0	0	0
110	0	0	0	0	0
130	29	29	29	29	29
150	586	586	586	586	586
170	4135	4135	4135	4135	4135
180	5086	5086	5086	5086	5086

COEFFICIENTS OF UTILIZATION					
RF	20				
RC	80				
RW	70	50	30	10	50
1	96	93	90	88	77
2	91	86	82	78	72
3	85	79	75	71	68
4	81	74	69	65	64
5	77	69	64	60	57
6	73	65	60	56	53
7	69	61	56	52	51
8	66	58	53	49	48
9	63	55	50	46	45
10	61	52	47	44	41

WR30649

120/120
WATT
FLOOD

EFFICIENCY = 92.0%



CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	4612	4612	4612	4612	4612
10	3610	3610	3610	3610	3610
30	482	482	482	482	482
50	22	22	22	22	22
70	0	0	0	0	0
90	0	0	0	0	0
110	0	0	0	0	0
130	26	26	26	26	26
150	527	527	527	527	527
170	3718	3718	3718	3718	3718
180	4572	4572	4572	4572	4572

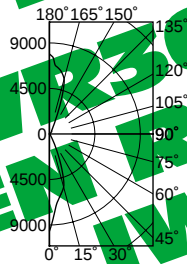
COEFFICIENTS OF UTILIZATION					
RF	20				
RC	80				
RW	70	50	30	10	50
1	92	89	86	84	70
2	86	81	77	73	65
3	81	74	69	65	60
4	76	68	63	59	56
5	72	63	58	53	53
6	67	59	53	49	46
7	63	55	49	45	43
8	61	52	46	42	40
9	58	49	43	40	38
10	55	46	41	37	36

WR30950

250/250
WATT
FLOOD

S/MH 0.5

EFFICIENCY = 88.6%



CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	9628	9628	9628	9628	9628
10	6194	6194	6194	6194	6194
30	825	825	825	825	825
50	27	27	27	27	27
70	9	9	9	9	9
90	0	0	0	0	0
110	0	0	0	0	0
130	159	159	159	159	159
150	562	562	562	562	562
170	6372	6372	6372	6372	6372
180	7910	7910	7910	7910	7910

COEFFICIENTS OF UTILIZATION					
RF	20				
RC	80				
RW	70	50	30	10	50
1	89	86	83	81	67
2	83	78	74	71	63
3	78	72	67	63	56
4	74	67	61	57	52
5	69	62	56	51	48
6	66	58	52	48	45
7	62	54	49	45	42
8	59	51	46	42	40
9	56	48	43	39	38
10	54	45	41	37	36

Estimated Multipliers

-16 Champagne Gold Alzak®: CP x .98
-30 White: CP x .98
-63 Dune Alzak®: CP x .97

-69 Wheat Alzak®: CP x .97
-70 SoFTex Clear: CP x .98
-71 SoFTex Dune: CP x .95
-72 Black Alzak®: CP x .80

-90 SoFTex Champagne Gold: CP x .96
-91 SoFTex Wheat: CP x .95
-93 Pewter Alzak®: CP x .95
-OG Black OptiGroove: CP x .82

Options *

- 16 Champagne Gold specular Alzak self-flanged reflector for direct position. (CP x .98)
- 30 All white reflector, self-flanged. (CP x .98)
- 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.
- 63 Dune specular Alzak self-flanged reflector for direct position. (CP x .97)
- 69 Wheat specular Alzak self-flanged reflector for direct position. (CP x .97)
- 70 SoFTex Clear softly etched self-flanged reflector for direct position. (CP x .98)
- 71 SoFTex Dune softly etched self-flanged reflector for direct position. (CP x .95)
- 72 Black specular Alzak self-flanged reflector for direct position. (CP x .80)
- 86 Prismatic glass WeatherCap for indirect position of luminaire; for installation in areas exposed to weather. Gasketed. Required for "Wet" label. Not available with Option -PM.
- 87 Custom -PM length. Specify up to 8 feet (coupled entire assembly length) or consult factory. Use with Option -PM. (WR30950 only)
- 88 Swivel canopy for sloped ceilings up to 45°. Earthquake rated. Use with Option -PM. (WR30950 only)
- 90 SoFTex Champagne Gold softly etched self-flanged reflector for direct position. (CP x .96)

- 91 SoFTex Wheat softly etched self-flanged reflector for direct position. (CP x .95)
- 93 Pewter specular Alzak self-flanged reflector for direct position. (CP x .95)
- 94 Specular or SoFTex custom color / finish self-flanged reflector or luminaire. Specify parts. Consult factory.
- 99 Special modification. Consult factory.
- LP With PAR 38 lamps. Specify wattages, beam spreads and color temperatures.
- OG OptiGroove black seamless tapered aluminum reflector. White trim, self-flanged. (CP x .82)
- PM Pendant mount instead for indoor installation (WR30950 only). 3/8" T.S. x 48" (entire assembly length) or see Option -87. Also see Option -88.

*All reflector finish Options are for direct position only or see Options -94 and -99.

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. INSTALLED TO N.E.C. 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 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, repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.