

Ideal for 35° Maximum Sloped Ceilings: Auditoriums

Features

Lamp

- Designed for:
 - RR30718: 1-Q250 (max.) tungsten halogen T-4.
 - RR30719: 1-Q500 (max.) tungsten halogen T-4.
- Clear lamp for RR30719 and RR30719-15.
- Frosted lamp for RR30718, RR30718-15, RR30718-28 and RR30719-28.
- RR30718: Double contact bayonet (DCB) base.
- RR30719: Mini-candelabra screw base.
- Rated 2000 hour life; 100 CRI.
- Dimmable (controls by others).

Lampholder

- RR30718: Double contact bayonet, heat resistant.
- RR30719: Mini-candelabra heat resistant screw base mounted in exclusive proprietary extruded aluminum heat sink to maximize dissipation of lamp base heat.

Reflectors

- Upper: Specular Alzak® aluminum reflector for precise control of source. Locking yoke for slope adjustment up to 35° maximum tilt.
- Lower: Low brightness clear specular parabolic Alzak aluminum cone, self-flanged.
- Ten optional self-flanged cone colors and finishes available. See Options.
- Convection and radiation cooling by design.

Lens

- Tempered MicroLux (microprismatic) lens mounted to upper reflector (0.4* S/MH). Optional tempered C#73 prismatic glass (Option -15 with 0.7* S/MH) or tempered clear glass (Option -28 with 0.2* S/MH) available.

Housing

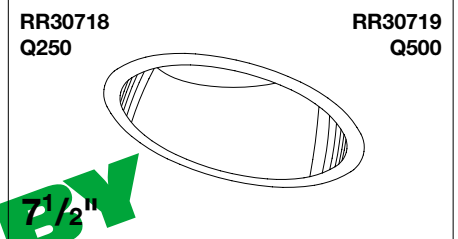
- Acrylic enameled 100% aluminum. Vented.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Cool: Dissipates heat across entire surface area. Maximizes component life.
- Entire luminaire visible and serviceable from below through removable lower cone.
- 2" mounting collar permits thicker ceiling installations. Built-in plaster frame.
- Top access standard - simple procedure.

Outlet Box

- Prewired 14GA (NEC) galvanized steel, UL listed. With removable insulated cover.
- 1/2" and 3/4" knockouts.

Installation

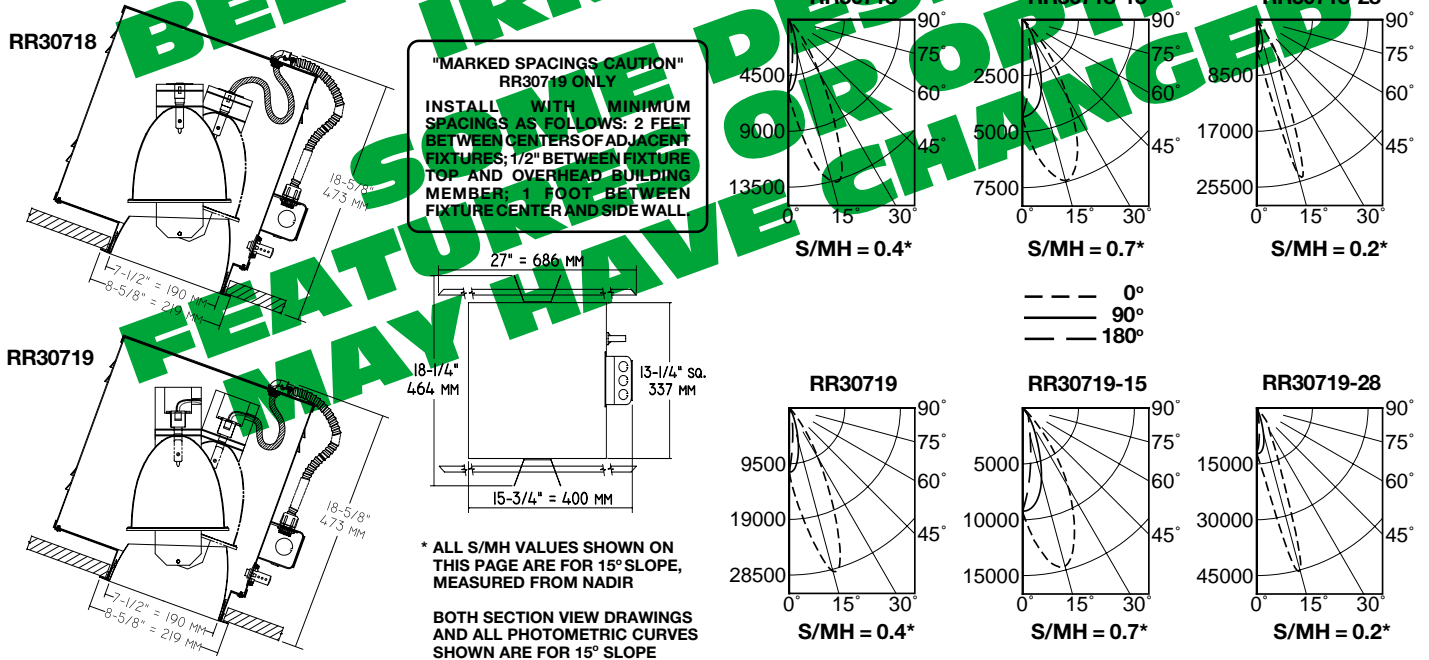
- 27" galvanized hanger bars supplied (2).
- Fully adjustable universal galvanized mounting brackets supplied (2). Accepts 3/4" or 1-1/4" lathers channel or 1/2" T.S. conduit.
- Recesses indoor or outdoor in covered ceilings; 2" collar (standard) permits thicker ceiling installations.



Three Distributions from Very Narrow to Medium
10 Optional Lower Cone Finishes

- RR30719: See "MARKED SPACINGS CAUTION" below.
- UL, C-UL (Canada) Listings**
 - Wet, damp or dry locations, covered ceilings.
 - Through-branch circuit conductors (6 #12 AWG 105°C).
- Three Year Limited Warranty**
 - Complete standard fixture.
- Thermal Protection (Per Current NEC)**
 - Thermal protector included which provides automatic cut-off if rated temperature is exceeded. (Insulation related)

Performance at a Glance



THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121

NEW MILLENNIUM

TUNGSTEN HALOGEN and INCANDESCENT LIGHTING

LAMP

T-4
T-4

MAXIMUM WATTAGE

Q250
Q500

CATALOG NUMBERS

RR30718
RR30719

RR30718
RR30719

RECESSED ROUND: Q250 or 500 WATT (MAX.) TUNGSTEN HALOGEN FOR SLOPED CEILING



Detailed Photometry - Installed Fixture

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

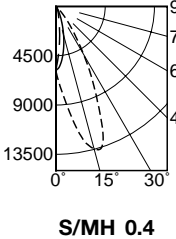
RR30718: TEST #47253
RR30718-15: TEST #47252
RR30718-28: TEST #47251

RR30719: TEST #46927
RR30719-15: TEST #46926
RR30719-28: TEST #46925

LIMITED WARRANTY: CATALOGUED 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 on the understanding that all other warranties expressed or implied, Seller does not warrant as to merchantability or fitness for a particular use, nor, without statement, constitute a warranty of amended or specific warranty. Abnormal use, abuse of installation, or modification of the fixture without prior written authorization from the manufacturer will void the warranty of this fixture.

RR30718

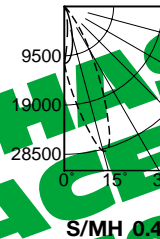
Efficiency = 71.2%



CANDLEPOWER DISTRIBUTION						COEFFICIENTS OF UTILIZATION					
RF						20					
0.0	45.0	90.0	135.0	180.0		70	80	90	10	50	30
0	5925	5925	5925	5925	5925	1	81	79	78	76	75
5	8302	7264	5189	3888	3537	2	78	74	72	69	71
15	13476	7513	2689	1213	935	3	74	70	67	64	67
25	8419	3976	848	380	322	4	71	66	62	59	61
35	2660	1096	248	190	175	5	68	62	58	55	57
45	497	205	73	44	59	6	65	58	53	50	52
55	58	58	44	44	29	7	62	54	49	46	49
65	0	0	0	0	0	8	59	53	49	46	48
75	0	0	0	0	0	9	57	50	47	44	46
85	0	0	0	0	0	10	54	48	44	42	44
90	0	0	0	0	0						

RR30719

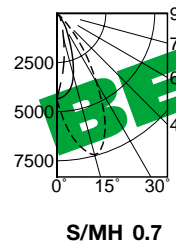
Efficiency = 67.3%



CANDLEPOWER DISTRIBUTION						COEFFICIENTS OF UTILIZATION					
RF						20					
0.0	45.0	90.0	135.0	180.0		70	80	90	10	50	30
0	11019	11019	11019	11019	11019	1	77	75	74	72	71
5	16364	14345	10381	7292	6220	2	74	71	68	66	67
15	28828	15685	5982	2332	1728	3	70	66	63	61	64
25	16833	8071	1740	728	592	4	67	63	59	57	61
35	5035	2110	395	271	296	5	64	59	56	53	58
45	642	296	86	62	74	6	62	56	53	50	55
55	74	37	12	25	25	7	59	53	50	47	52
65	0	0	0	0	0	8	57	51	47	45	50
75	0	0	0	0	0	9	54	49	45	43	48
85	0	0	0	0	0	10	52	46	43	41	46
90	0	0	0	0	0						

RR30718-15

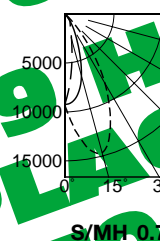
Efficiency = 67.0%



CANDLEPOWER DISTRIBUTION						COEFFICIENTS OF UTILIZATION					
RF						20					
0.0	45.0	90.0	135.0	180.0		70	80	90	10	50	30
0	4389	4389	4389	4389	4389	1	76	74	73	71	70
5	5794	5278	4218	3433	3172	2	73	68	67	65	68
15	7434	5428	3246	1744	1330	3	69	65	62	59	63
25	5741	3718	1504	762	578	4	66	61	57	55	59
35	2631	1589	621	405	330	5	63	57	53	50	54
45	643	355	101	132	137	6	60	54	50	47	51
55	50	25	9	12	12	7	57	51	47	44	48
65	0	0	0	0	0	8	54	48	44	41	45
75	0	0	0	0	0	9	52	45	42	39	44
85	0	0	0	0	0	10	49	42	39	37	42
90	0	0	0	0	0						

RR30719-15

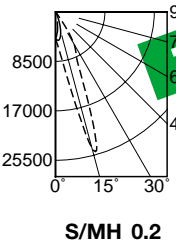
Efficiency = 63.3%



CANDLEPOWER DISTRIBUTION						COEFFICIENTS OF UTILIZATION					
RF						20					
0.0	45.0	90.0	135.0	180.0		70	80	90	10	50	30
0	9325	9325	9325	9325	9325	1	72	70	69	67	66
5	11923	10344	6984	4244	3615	2	69	66	63	61	63
15	14566	11033	6516	3344	2616	3	65	61	58	56	59
25	10380	7034	2863	1543	1308	4	62	58	54	52	56
35	5232	2937	1024	689	913	5	59	54	51	48	53
45	1086	629	185	247	296	6	56	51	47	45	50
55	74	37	12	25	25	7	54	48	45	42	47
65	0	0	0	0	0	8	51	46	42	39	45
75	0	0	0	0	0	9	49	43	40	37	43
85	0	0	0	0	0	10	47	41	37	35	40
90	0	0	0	0	0						

RR30718-28

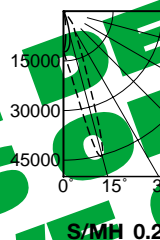
Efficiency = 71.8%



CANDLEPOWER DISTRIBUTION						COEFFICIENTS OF UTILIZATION					
RF						20					
0.0	45.0	90.0	135.0	180.0		70	80	90	10	50	30
0	4640	4640	4640	4640	4640	1	82	80	79	77	76
5	6327	6090	4910	3963	3546	2	79	76	73	71	72
15	24212	7128	3400	1302	845	3	75	71	68	66	69
25	8549	4428	745	366	422	4	72	68	64	62	65
35	1946	572	50	47	140	5	69	64	61	59	62
45	50	5	0	0	0	6	66	61	57	55	58
55	0	0	0	0	0	7	64	58	54	52	55
65	0	0	0	0	0	8	61	55	52	49	53
75	0	0	0	0	0	9	59	53	49	47	51
85	0	0	0	0	0	10	57	51	47	45	49
90	0	0	0	0	0						

RR30719-28

Efficiency = 67.6%



CANDLEPOWER DISTRIBUTION						COEFFICIENTS OF UTILIZATION					
RF						20					
0.0	45.0	90.0	135.0	180.0		70	80	90	10	50	30
0	12226	12226	12226	12226	12226	1	74	71	69	67	71
5	16622	14662	11940	8345	7376	2	71	67	64	62	66
15	45112	14662	7058	397	290	3	68	64	60	58	62
25	11287	8683	3216	154	133	4	65	60	57	55	59
35	5262	1905	56	54	73	5	63	57	54	52	56
45	835	54	18	18	36	6	60	55	51	49	54
55	36	18	0	0	0	7	58	52	49	46	51
65	0	0	0	0	0	8	56	50	47	44	49
75	0	0	0	0	0	9	54	48	44	42	47
85	0	0	0	0	0	10	53	48	44	42	47
90	0	0	0	0	0						

ALL S/MH CALCULATED AT 15° SLOPE

Options

- 15 Tempered prismatic C#73 glass lens for medium distribution (0.7 S/MH at 0° tilt).
- 16 Champagne Gold specular Alzak self-flanged lower cone. (CP x .95)
- 28 Tempered clear flat glass for narrowest distribution (0.2 S/MH at 0° tilt).
- 30 All white lower cone, self-flanged. (CP x .95)
- 31 White flange (only) on self-flanged lower cone.
- 32 Trim extender. Broadens trim flange O.D. by 1".
- 45 Gasket above reflector flange.
- 58 277/120V stepdown transformer for 277 volt line input, wired into fixture, for RR30718 only.
- 63 Dune specular Alzak lower cone. (CP x .93)
- 69 Wheat specular Alzak lower cone. (CP x .92)
- 70 SofTex Clear softly etched lower cone. (CP x .92)
- 71 SofTex Dune softly etched lower cone. (CP x .89)
- 72 Black specular Alzak lower cone. (CP x .80)
- 90 SofTex Champagne Gold softly etched lower cone, self-flanged. (CP x .90)
- 91 SofTex Wheat softly etched lower cone. (CP x .88)
- 93 Pewter specular Alzak lower cone. (CP x .88)
- 94 Specular or SofTex custom color / finish lower cone, self-flanged. Consult factory.
- 99 Special modification. Consult factory.
- LP With lamp. Specify wattage; clear or frosted (see Features) Q500 mini-can or Q250 DCB; and color temperature.
- OG OptiGroove black seamless tapered aluminum lower cone. White trim, self-flanged. RR30719: Fire resistant construction only. (CP x .83)

SUBMITTAL DATA

APPROVAL STAMP

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