

Wall Wash: Office / Retail

Features

Lamp

- Designed for:
 - 70 watt coated ED-17 open: RR50602.
 - 100 watt coated ED-17 open: RR50704.
- See Option -43 for optional lower wattage.
- Option -23 for Mercury, Option -24 for HPS.

Socket

- Vertical. Pulse rated extended body for open fixture medium base lamps.
- Glazed porcelain.
- Nickel-plated brass screw shell. Silicone leads.

Reflector

- Self-flanged specular Alzak® aluminum.
- Adjustable from 0° to 360°.

Ballast Assembly

- Whisper Pack™ fully encapsulated 180°C rated HPF ballast.
- Premium Class H high reactance with 5:7 (RR50602) or 5:12 (RR50704) 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.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire serviced through removable reflector.
- 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 channel bar hangers supplied (2).
- Fully adjustable universal mounting brackets supplied (2).
- Recesses indoor or outdoor in covered locations.

UL, C-UL (Canada) Listings

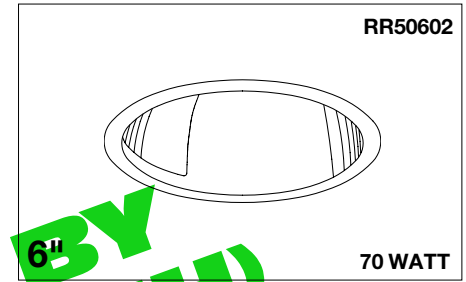
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6#12).

Three Year Limited Warranty

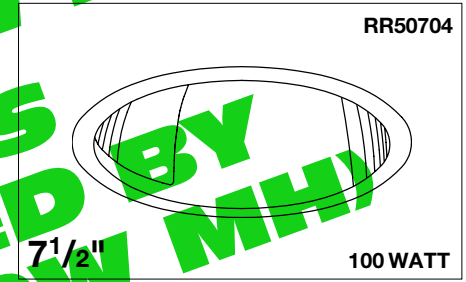
- Complete standard fixture.

Thermal Protection

- Per current NEC.



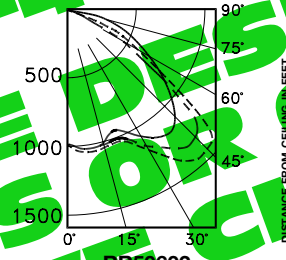
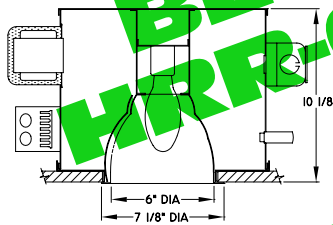
RR50602
6" 72% Efficiency
70 WATT



RR50704
7 1/2" 69% Efficiency
100 WATT

Performance at a Glance

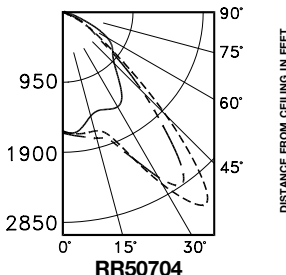
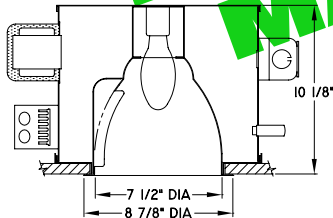
RR50602



DISTANCE FROM CEILING IN FEET	SINGLE FIXTURE					MULTIPLE FIXTURES				
	1'	2'	3'	4'	3' CENTERS	4' CENTERS	3' CENTERS	4' CENTERS	3' CENTERS	4' CENTERS
FIXTURE INSTALLED 3' FROM WALL										
Footcandle Distribution on Wall Surface										
30.5	23.4	14.2	8.0	5.0	53.0	48.8	53.3	43.8	35.1	43.8
45.4	37.3	25.4	15.2	8.8	83.7	80.4	84.8	66.8	59.8	66.8
38.8	34.6	26.9	18.3	11.6	84.7	84.9	86.6	66.0	65.0	66.8
26.0	24.7	21.9	17.3	12.5	71.1	72.7	73.5	55.5	56.7	55.5
16.6	16.6	15.8	14.1	11.6	56.1	58.7	58.9	44.7	45.8	44.7
11.4	11.5	11.4	10.8	9.7	44.6	46.6	47.2	35.8	36.9	35.8
8.5	8.5	8.5	8.4	7.9	36.5	37.8	38.5	29.5	30.3	29.5
6.8	6.7	6.6	6.5	6.4	30.3	31.2	31.5	24.7	24.8	24.7
5.7	5.6	5.5	5.5	5.4	26.1	26.7	27.0	21.2	21.3	21.2

RR50602

RR50704



DISTANCE FROM CEILING IN FEET	SINGLE FIXTURE				MULTIPLE FIXTURES						
	1'	2'	3'	4'	3' CENTERS	4' CENTERS	3' CENTERS	4' CENTERS			
FIXTURE INSTALLED 3' FROM WALL											
Footcandle Distribution on Wall Surface											
1	26.3	18.6	8.7	4.8	3.9	44.7	38.5	44.5	39.0	25.7	39.0
2	49.5	44.1	27.9	14.3	7.4	87.4	90.1	87.5	69.4	65.0	69.4
3	39.2	35.0	29.1	19.6	11.6	88.9	87.9	90.0	67.6	69.6	67.6
4	33.3	30.7	28.1	21.5	14.2	88.5	88.0	90.7	67.4	70.4	67.4
5	24.5	24.4	24.5	21.3	15.8	81.0	82.1	84.2	62.2	65.8	62.2
6	17.6	18.0	18.9	18.4	15.6	69.6	71.8	73.3	55.4	56.6	55.4
7	13.3	13.7	14.4	14.9	14.0	59.0	61.8	62.8	48.3	48.5	48.3
8	10.4	10.6	11.0	11.5	11.6	49.5	52.4	53.0	40.9	41.6	40.9
9	8.8	8.9	9.1	9.4	9.8	42.8	45.1	45.7	35.3	36.1	35.3

RR50704

THE KIRLIN COMPANY

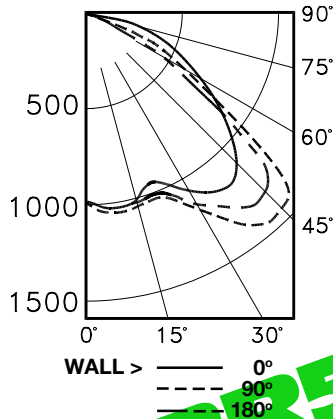
3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121

Detailed Photometry - Installed Fixture

RR50602

CANDLEPOWER DISTRIBUTION

COEFFICIENTS OF UTILIZATION



	0.0	45.0	90.0	135.0	180.0
0	974	974	974	974	974
5	993	998	1003	988	996
15	1008	1029	1024	1007	998
25	956	1024	1047	1046	1041
35	1119	1245	1405	1353	1331
45	1083	1207	1444	1391	1343
55	831	853	847	806	741
65	547	505	373	359	321
75	260	212	131	123	102
85	65	39	17	23	26
90	0	0	0	0	0

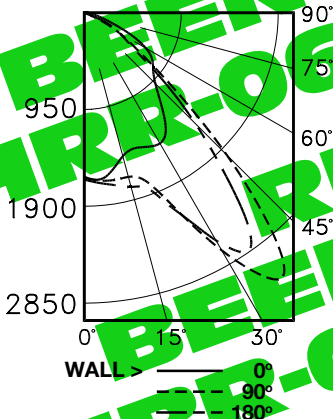
RF	20						
	80			50			
RC	70	50	30	10	50	30	10
1	79	76	73	70	71	69	67
2	72	66	61	57	62	59	55
3	66	58	52	48	55	50	46
4	60	51	45	40	48	43	39
5	55	45	39	34	43	38	33
6	50	40	34	29	38	33	29
7	46	36	30	25	35	29	25
8	43	33	27	22	31	26	22
9	40	30	24	20	29	23	20
10	37	27	22	18	26	21	17

EFFICIENCY = 72.3%

RR50704

CANDLEPOWER DISTRIBUTION

COEFFICIENTS OF UTILIZATION



	0.0	45.0	90.0	135.0	180.0
0	974	974	974	974	974
5	993	998	1003	988	996
15	1008	1029	1024	1007	998
25	956	1024	1047	1046	1041
35	1119	1245	1405	1353	1331
45	1083	1207	1444	1391	1343
55	831	853	847	806	741
65	547	505	373	359	321
75	260	212	131	123	102
85	65	39	17	23	26
90	0	0	0	0	0

RF	20						
	80			50			
RC	70	50	30	10	50	30	10
1	79	76	73	70	71	69	67
2	72	66	61	57	62	59	55
3	66	58	52	48	55	50	46
4	60	51	45	40	48	43	39
5	55	45	39	34	43	38	33
6	50	40	34	29	38	33	29
7	46	36	30	25	35	29	25
8	43	33	27	22	31	26	22
9	40	30	24	20	29	23	20
10	37	27	22	18	26	21	17

EFFICIENCY = 69.2%

Estimated Multipliers

- 16 Champagne Gold Alzak®: CP x .90
- 92 Umber Alzak: CP x .75
- 93 Pewter Alzak: CP x .86

Options

- 16 Champagne Gold anodized Alzak reflector (CP x .90)
- 23 Mercury ballast instead. 75 watt (RR50602) or 100ME watt (RR50704) standard, or see Option -43. Specify voltage.
- 24 HPS ballast instead. 70 watt (RR50602) or 100ME (RR50704) standard, or see Option -43. Specify voltage.
- 29 White Son ballast instead. For ED-17 medium base lamp. 50 watt (RR50604) or 100 watt (RR50704) standard; in 120 volt only. Consult factory for 277 volt.

- 31 White reflector flange.
- 43 Lower wattage medium base—specify voltage and wattage for: RR50602: Metal Halide: 50, 32 (GE Halarc™ electronic ballast); Mercury: 50; HPS: 50, 35; RR50704: Metal Halide: 70, 50, 32 (GE Halarc™ electronic ballast); Mercury: 75, 50; HPS: 70, 50, 35; White Son: 50.
- 45 Gasket above reflector flange. Stops dust streaks on ceiling.
- 58 277 volt 60 Hz. ballast instead.

- 92 Umber anodized Alzak reflector, self-flanged. (CP x .75)
- 93 Pewter anodized Alzak reflector, self-flanged. (CP x .86)
- 94 Custom color self-flanged reflector. Consult factory.
- 97 Other voltage ballasts. Consult factory.
- 99 Special modification. Consult factory.
- LP With lamp. Specify source, wattage, color temperature, and clear or coated (3200°K standard for MH.) Consult factory for other color temperatures.

Note: If outer envelope (glass bulb) of lamp is broken or punctured, power to the lamp should be immediately turned off and people should vacate the area to avoid ultraviolet radiation exposure, according to the lamp manufacturers.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____

RR50602 HAS BEEN REPLACED BY HRRL-0620-43 (70W MH)
 RR50704 HAS BEEN REPLACED BY HRRL-0702-43 (100W MH)
 SOME DESIGN FEATURES OR OPTIONS MAY HAVE CHANGED

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION TO BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE PURCHASER'S OBLIGATION IS TO MAINTAIN THE FIXTURES IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE WARRANTY IS VOID IF THE FIXTURES ARE MODIFIED OR REPAIRED BY ANY OTHER PERSON. THE WARRANTY IS VOID IF THE FIXTURES ARE USED IN AN APPLICATION NOT SPECIFIED IN THE CATALOG. THE WARRANTY IS VOID IF THE FIXTURES ARE USED IN AN APPLICATION NOT SPECIFIED IN THE CATALOG. THE WARRANTY IS VOID IF THE FIXTURES ARE USED IN AN APPLICATION NOT SPECIFIED IN THE CATALOG. THE WARRANTY IS VOID IF THE FIXTURES ARE USED IN AN APPLICATION NOT SPECIFIED IN THE CATALOG.