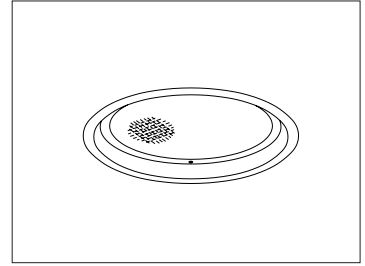


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

7" 1 A21 150 WATT MAXIMUM

VRR-07056

Vandal Resistant Small Aperture Incandescent



Specifications

Lamp/Socket

- Designed for one incandescent lamp: 150W frosted horizontal A21.
- Dimmable (controls by others).
- Glazed porcelain medium base socket.

Reflector

- Specular Alzak® aluminum.

Trim / Lens Assembly

- Vandal resistant smooth white seamless tapered aluminum self-flanged trim or see Option -OG.
- Flush center pin tamperproof hex screws and captive nuts secure trim to housing.
- Tempered prismatic C#73 above 1/4" clear tempered glass.
- Continuous ring secures lens to trim.
- Tamperproof tool included.

Aluminum Housing

- Acrylic enameled. Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.

- Lightweight: Minimizes ceiling load.
- Cool operation: Extends component life.
- Entire luminaire serviced through aperture.
- Built-in plaster frame.

Outlet Box and Thermal Protection

- Prewired 14 GA (NEC) galvanized steel, UL listed. 1/2" and 3/4" knockouts.
- Thermal protector (per current NEC) provides automatic cut-off if rated temperature is exceeded.

Installation

- 27" galvanized hanger bars with adjustable mounting brackets (2) supplied.
- Recesses indoor or outdoor in covered locations.

UL, C-UL (Canada) Listings

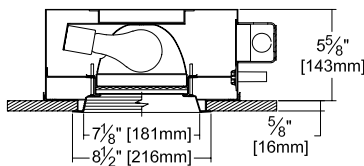
- Wet, damp or dry locations, covered ceilings.
- Through-branch conductors (6 #12 AWG 90°C).

Three Year Limited Warranty

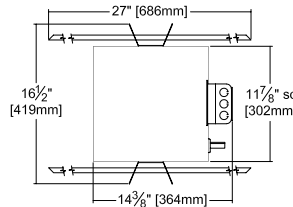
- Complete standard fixture.

Performance at a Glance

VRR-07056



Option -OG Also Shown

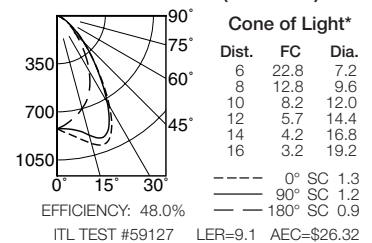


Ceiling Cut-out
8" Dia.

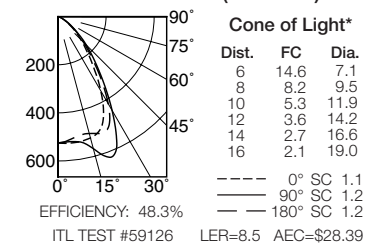
Cone of Light Key
Ft. Distance from fixture
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC

* Dia. (in ft.) shown is where FC value is half the FC at nadir.

VRR-07056 (150 Watt)



VRR-07056 (100 Watt)



THE KIRLIN COMPANY

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

**ENERGY EFFICIENT VANDAL RESISTANT
& MAXIMUM SECURITY LIGHTING**

MAXIMUM WATTAGE

A21 150

CATALOG NUMBER

VRR-07056

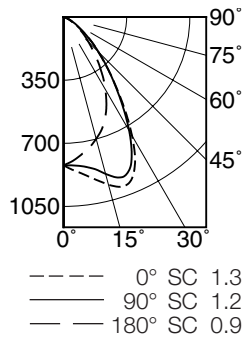
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

Photometry from I.T.L., Boulder, CO

VRR-07056 (A21 150)



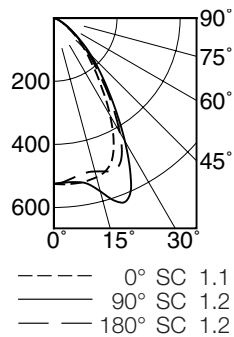
EFFICIENCY : 48.0%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	822	822	822	822	822
5	860	849	827	802	789
15	962	950	900	786	699
25	930	949	889	723	561
35	557	599	543	457	363
45	272	269	275	222	196
55	110	118	114	109	91
65	35	40	42	42	40
75	5	6	7	7	7
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
1	54	52	51	50	49	48	47
2	50	48	45	43	45	43	42
3	47	43	41	38	41	39	37
4	44	40	37	34	38	36	34
5	41	37	33	31	35	32	30
6	39	34	30	28	32	30	27
7	36	31	28	25	30	27	25
8	34	29	25	23	28	25	23
9	32	27	24	21	26	23	21
10	30	25	22	20	24	22	20

ITL TEST #59127 *LER=9.1 •AEC=\$26.32

VRR-07056 (A21 100)



EFFICIENCY : 48.3%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	525	525	525	525	525
5	528	527	522	517	515
15	522	571	568	524	503
25	448	532	579	536	501
35	259	312	327	334	309
45	134	140	166	149	150
55	58	66	69	67	65
65	22	24	24	22	21
75	4	4	4	3	4
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
1	54	53	51	50	50	49	48
2	51	48	46	44	46	44	42
3	48	44	41	39	42	40	38
4	45	40	37	35	39	36	34
5	42	37	34	31	36	33	31
6	39	34	31	28	33	30	28
7	37	32	28	26	31	28	26
8	35	29	26	24	28	26	23
9	33	27	24	22	27	24	22
10	31	26	22	20	25	22	20

ITL TEST #59126 *LER=8.5 •AEC=\$28.39

* LER = Luminaire Efficiency Rating
 LER = Luminaire Efficacy x Total Lamp Lumens x Ballast Factor
 Input Watts

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

Options

Voltage

-58 277/120V stepdown transformer for 277 volt line input, prewired into fixture.

Lenses and Trims

-32 White oversize trim ring. Specify O.D.
 -45 Gasket between ceiling and trim flange.
 -46 Gasket between trim and lens.
 -94 Custom color/finish. Specify. Consult factory.
 -FR Fresnel tempered lens instead.
 -OG Black OptiGroove flare trim instead. (CP x .95)

Other

-79 Extension collar for ceilings up to 2" thick.
 -99 Special modification. Consult factory.

SUBMITTAL DATA

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

APPROVAL STAMP