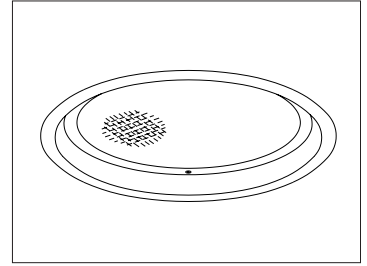


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

10" 1 A23 200 WATT MAXIMUM

VRR-10058

Vandal Resistant Incandescent with Higher Lumen Output



Specifications

Lamp/Socket

- Designed for one horizontal incandescent lamp: 200W frosted A23.
- 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.
- Lens: 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

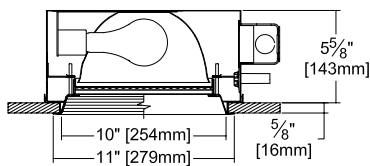
- Complete standard fixture.



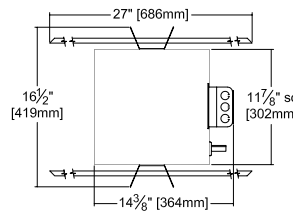
**Exceptional
Energy
Efficiency**

Performance at a Glance

VRR-10058



Option -OG Also Shown



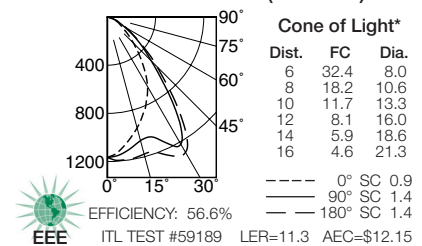
Ceiling Cut-out
10 1/2" Dia.

Cone of Light Key

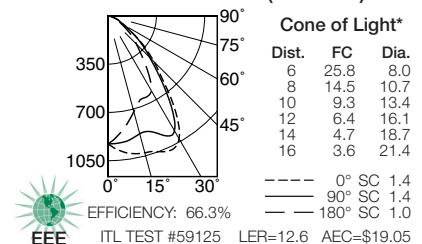
Ft. Distance from fixture
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC

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

VRR-10058 (200 Watt)



VRR-10058 (150 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

A23 200

CATALOG NUMBER

VRR-10058

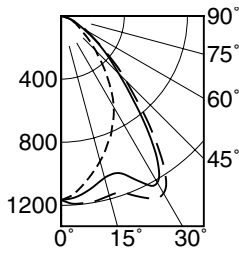
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

VRR-10058 (A23 200)



--- 0° SC 0.9
 — 90° SC 1.4
 — 180° SC 1.4

EFFICIENCY : 56.6%

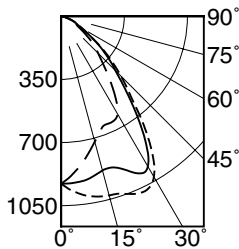
CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1166	1166	1166	1166	1166
5	1117	1115	1149	1182	1194
15	953	978	1062	1144	1178
25	767	923	1152	1275	1272
35	539	742	1031	1163	1117
45	309	406	516	621	584
55	152	201	260	284	265
65	86	93	109	120	123
75	22	25	28	33	31
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
1	63	61	59	58	58	56	55
2	59	55	52	49	52	50	48
3	54	50	46	43	47	44	42
4	51	45	41	38	43	40	37
5	47	41	37	33	39	36	33
6	44	37	33	30	36	32	29
7	41	34	30	27	33	29	27
8	38	31	27	24	30	27	24
9	36	29	25	22	28	25	22
10	34	27	23	20	26	23	20

ITL TEST #59189

*LER=11.3 •AEC=\$12.15

VRR-10058 (A23 150)



--- 0° SC 1.4
 — 90° SC 1.4
 — 180° SC 1.0

EFFICIENCY : 66.3%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	928	928	928	928	928
5	981	965	925	882	866
15	1028	990	885	770	720
25	1075	1130	957	750	651
35	855	942	795	602	509
45	469	504	425	347	290
55	211	231	211	170	150
65	92	110	91	95	83
75	20	25	30	33	32
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	74	72	69	67	67	66	64
2	69	64	61	58	61	58	56
3	64	58	54	50	55	52	49
4	59	52	48	44	50	46	43
5	55	48	43	39	46	41	38
6	51	44	38	35	42	37	34
7	48	40	35	31	38	34	31
8	45	37	32	28	35	31	28
9	42	34	29	26	33	29	26
10	39	31	27	23	30	26	23

ITL TEST #59125

*LER=12.6 •AEC=\$19.05

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

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

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

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 the option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices 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 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, or repair or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.