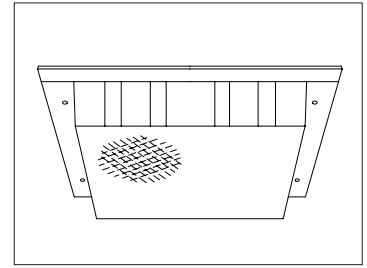


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

12" x 12" 2 Triple 57 WATT MAXIMUM

VRS-12027

Maximum Security High Lumen Output 2x57W Square



Specifications

Lamp

- Designed for two 4-pin triple/four tube amalgam compact fluorescent lamps: 57W triple/four tube.

Ballast: Multi/Voltage

- Installed electronic high power factor, thermally protected. For lower wattages: Option -43.
- 120-277 multi-volt; 50-60 Hz. THD <10%.
- ClickQuick connectors for easy service.
- Single circuit wiring or see Option -84.
- Cold weather -22°F (-30°C).
- End of lamp life protection circuit. RFI filter.
- Internally fused. Also see Options -FS, -FD.

Reflector

- Full size die formed specular Alzak® aluminum.
- Removable for servicing.

Trim / Lens Assembly

- Injection molded prismatic polycarbonate drop bisymmetric distribution lens.
- Continuous extruded 6063-T6 tempered aluminum, non-removable lens clamps; four flush

mounted center pin tamperproof screws with captive nuts.

- Tamperproof tool included.

Aluminum Housing

- Super-strong 6063-T6 extruded and tempered.
- White polyester enamel finish.
- Rustproof: exceeds 1000 hour ASTM 5% salt spray test.

Outlet Box

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

Installation

- Two die-formed 7/8" vertically adjustable 16 gauge steel mounting yokes supplied.
- Recesses indoor or outdoor in covered locations.
- Concrete Pour version available. See Option -78.

UL, C-UL (Canada) Listings

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

Three Year Limited Warranty

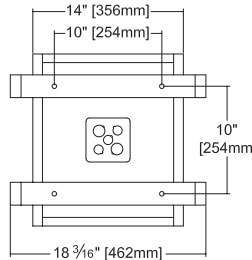
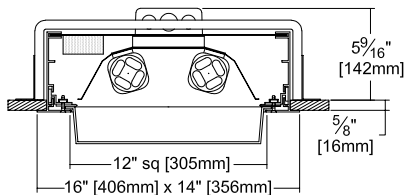
- Complete standard fixture and ballast.



Exceptional
Energy
Efficiency

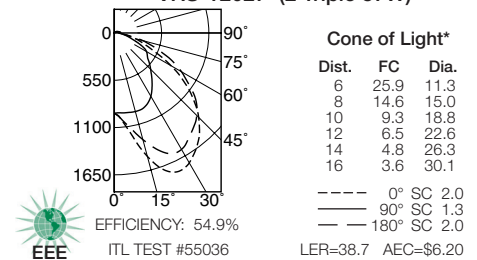
Performance at a Glance

VRS-12027



Ceiling Cut-out
13" x 15 1/2"

VRS-12027 (2 Triple 57W)



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.

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

2 Triple 57

CATALOG NUMBER

VRS-12027

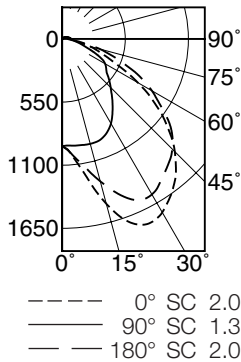
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

VRS-12027 (2 Triple 57)



EFFICIENCY : 54.9%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	933	933	933	933	933
5	1218	1071	939	1050	1129
15	1745	1535	851	1310	1564
25	1201	1282	529	1202	1244
35	365	426	239	429	513
45	69	103	52	96	70
55	43	48	31	44	47
65	18	7	1	6	17
75	0	0	0	0	0
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	59	56	54	52	52	50	49
2	54	49	45	42	45	42	40
3	49	43	38	34	40	36	33
4	44	38	33	29	35	31	28
5	41	33	28	24	31	27	24
6	37	30	25	21	28	24	21
7	34	27	22	18	25	21	18
8	32	24	19	16	23	19	16
9	30	22	17	14	21	17	14
10	28	20	16	13	19	15	13

ITL TEST #55036 *LER=38.7 •AEC=\$6.20

* LER = Luminaire Efficiency Rating

$$LER = \frac{\text{Luminaire Effic.} \times \text{Total Lamp Lumens} \times \text{Ballast Factor}}{\text{Input Watts}}$$

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

Options

Ballast, Wattage and Voltage

- 43 Lower wattage. See VRS-12025.
- 84 Wired for two circuits. Also see -FD.
- 97 Specify other voltage. Consult factory.
- 98 347 volt, 50/60 Hz. input. Consult factory.

Emergency Ballast - Specify Voltage¹

- Remote (field mounted) ballast, test switch and indicator light. Suitable for damp locations from 0° to 50°C (32° to 122°F) or with Cold Weather version (see -CR) -20° to 55°C (-4° to 131°F).
- 75 Remote 1-lamp EM (57W) ballast. Specify voltage.
- CR Remote cold weather (-20° to 55°C) 1-lamp EM (57W) ballast. Specify voltage.

Other

- 45 Gasket between trim and ceiling.
- 47 Wet plaster frame for wet plaster ceiling.
- 78 Concrete pour box assembly for use in wet concrete. Following pour, fixture mounts within assembly.
- 99 Special modification. Consult factory.
- FD Two additional in-line fuses. One per ballast. Use with Option -84. Not available with Option -98(347V).
- FS Additional in-line fuse. Not available with Option -98(347V).
- LE With 4-pin electronic lamps. 3500°K standard. 82 CRI and 12,000 hour life. Specify wattage, style and color temperature.

¹ Visit www.kirlinlighting.com for most current performance / specifications.

SUBMITTAL DATA

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

APPROVAL STAMP

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLER TO N.E.C. IN NORMAL USE. Manufacturer of the fixture 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 the fixture 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.