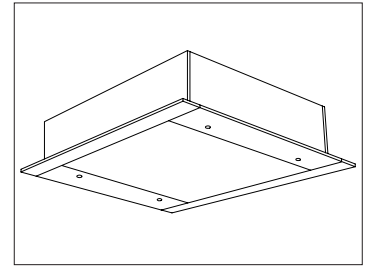


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

12" x 12" 2 Triple 57 WATT MAXIMUM

VRS-12026

## 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

- Tempered C#73 spread lens above 1/4" clear polycarbonate.
- 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

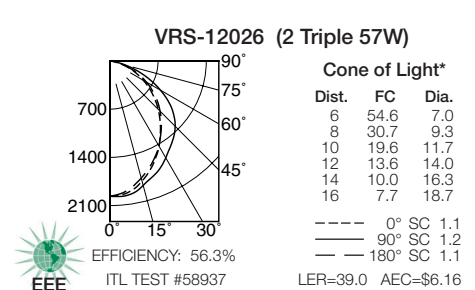
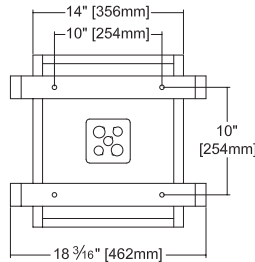
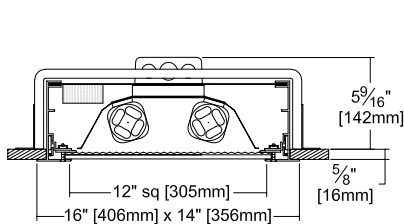
- Complete standard fixture and ballast.



**Exceptional  
Energy  
Efficiency**

### Performance at a Glance

VRS-12026



#### 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.

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

## 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-12026

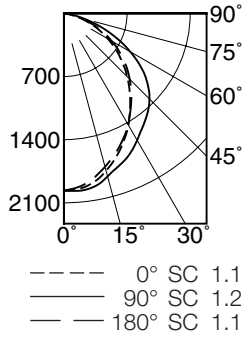
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

VRS-12026 (2 Triple 57)



EFFICIENCY : 56.3%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1965	1965	1965	1965	1965
5	1952	1966	1974	1950	1930
15	1806	1852	1871	1805	1761
25	1565	1646	1722	1619	1544
35	1279	1439	1528	1431	1290
45	992	1171	1341	1173	1031
55	708	872	1047	888	756
65	426	534	641	556	464
75	161	210	245	221	182
85	11	14	18	15	13
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
1	62	59	57	55	56	54	53
2	57	52	49	46	49	46	44
3	52	46	42	38	44	40	37
4	47	41	36	33	39	35	32
5	44	37	32	28	35	31	28
6	40	33	28	25	32	27	24
7	37	30	25	22	29	25	22
8	35	27	23	20	26	22	19
9	33	25	21	18	24	20	17
10	31	23	19	16	22	19	16

ITL TEST #58937 \*LER=39.0 •AEC=\$6.16

\* 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-12024.
- 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 Voltage<sup>1</sup>

- 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.

<sup>1</sup> Visit [www.kirlinlighting.com](http://www.kirlinlighting.com) for most current performance / specifications.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME  
 TYPE  
 WATTAGE  
 VOLTAGE  
 CATALOG NUMBER

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