

Project:	Catalogue #:	Type:
Notes:		

**Product Description**

The VRU series by Certolux is a vandal resistant IC-rated specification grade recessed luminaire for grid or flange applications. The luminaire features tamper resistant fasteners to protect from unauthorized fixture penetration and security lenses to maximize impact resistance.

**Features**

- SPEEDShip in 5 days (limited quantity of 25 units)



**Features Options**

- IP65 Rating



**Housing**

Precision die formed and welded housing with specified material (see product ordering key).

**Mounting**

Flange installation is supported by swing style mounting brackets. Grid installation suitable for 1" and 1.5" T-Bar ceilings.

**Door Frame**

Single piece precision die formed with specified material (see product ordering key). Corners are TIG welded. Tamper resistant TORX® Head with center pin fasteners secure door frame to housing.

**LED**

Available in two standard colour temperatures 3500K and 4000K.

**Lens**

Multiple lens choices available (see product key for options). Lens sealed to door frame with continuous retention system and supported with stainless steel aircraft cables.

**Finish**

Polyester powder painted white finish features a high reflectivity coating for improved performance and efficiency.

**Electrical**

Long life LED's coupled with high efficiency drivers provide quality illumination. Rated to deliver an L80 performance >50,000 hours. The standard driver has a THD of <10%. Standard low-voltage dimming (0-10v). All electrical components are CSA or UL approved. A 1/2" EMT hole is provided for wiring connections.

**Warranty**

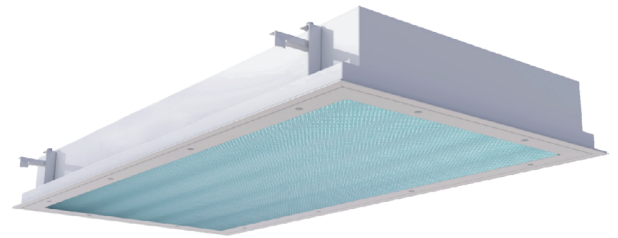
5 year limited warranty. For complete warranty terms visit:

[http://viscor.com/assets/Viscor\\_LED\\_Warranty.pdf](http://viscor.com/assets/Viscor_LED_Warranty.pdf)

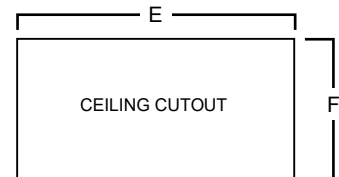
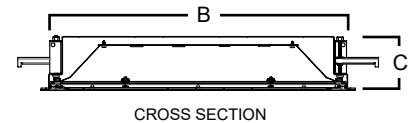
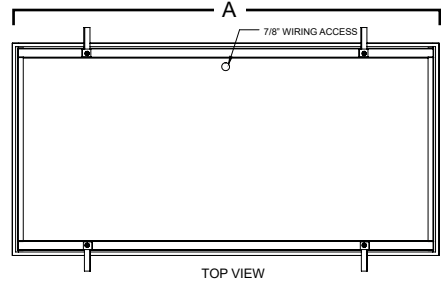
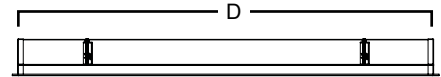
**Approvals**



Approved CSA and UL Standards. UL listed for insulated ceilings, wet locations.



**Dimensions**



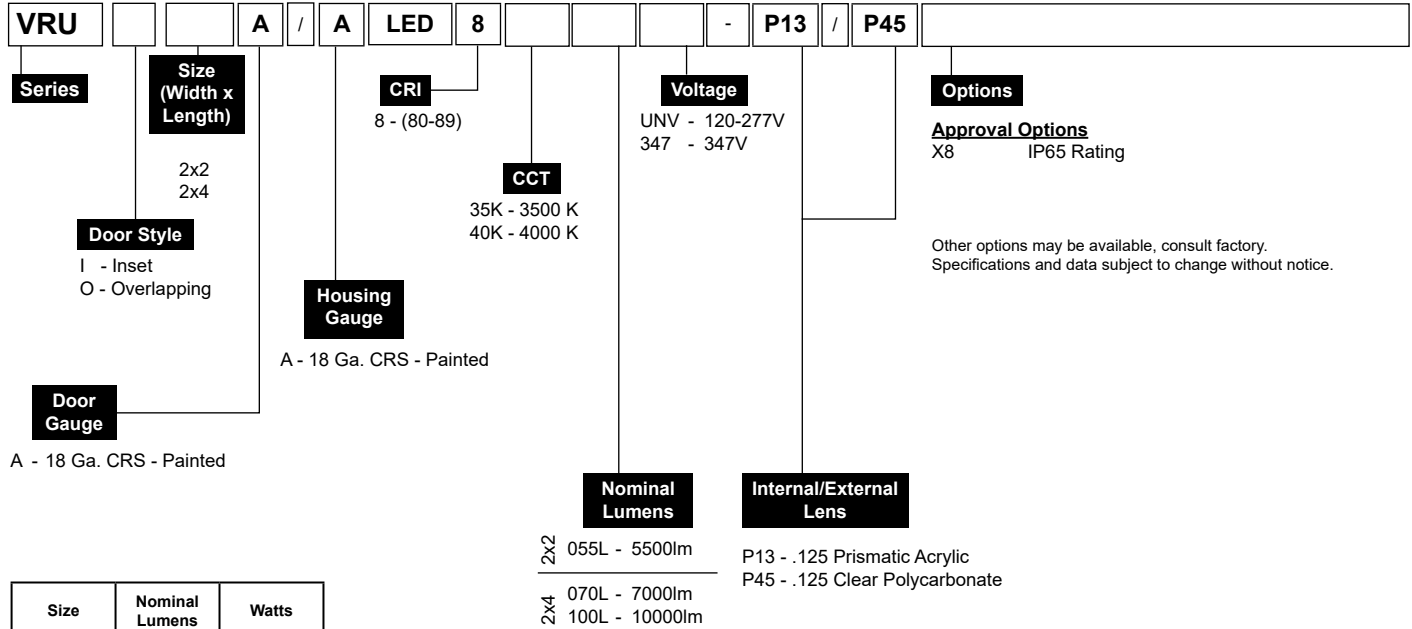
SIZE	A	B	C	D	E	F
2X2	23 3/4"	23 3/4"	4 1/8"	22 1/2"	22 7/8"	22 7/8"
2X4	47 3/4"	23 3/4"	4 1/8"	46 1/2"	46 3/4"	22 7/8"

Consult installation guide for exact dimensions.

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**Order Key**

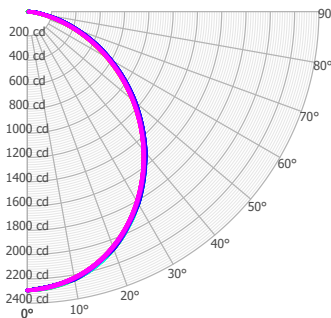
EXAMPLE: VRUI2X2A/ALED840K055LUNV-P13/P45



Size	Nominal Lumens	Watts
2x2	5500	53
2x4	5500	47
	7000	61
	10000	82

**Photometric**

IES File: **VRUI-2X2-LED840K055LUNV**  
 Lumens: **5569**  
 Wattage: **52**  
 Efficacy: **107**



**Zonal Lumen Summary**

Zone	Lumens	%Lamp	
0.0° - 30.0°	1723	-43,083.6%	30.9%
0.0° - 40.0°	2764	-69,091.0%	49.6%
0.0° - 60.0°	4646	-116,155.7%	83.4%
0.0° - 90.0°	5569	-139,225.4%	100.0%

**Average Luminance Table (cd/m<sup>2</sup>)  
CP Summary**

	0.00°	45.00°	90.00°
0.00°	6364	6364	6364
45.00°	5202	5147	5232
55.00°	4664	4579	4681
65.00°	3910	3791	3915
75.00°	2659	2559	2780
85.00°	797	1170	1738

**Coefficients of Utilization**

pc	80%			70%			50%		
	70%	50%	30%	70%	50%	30%	70%	50%	30%
0	119	119	119	116	116	116	111	111	111
1	110	105	101	107	103	99	102	99	96
2	100	93	86	98	91	85	93	87	82
3	92	82	74	89	80	73	85	77	71
4	84	73	65	82	72	64	78	69	62
5	78	65	57	76	64	56	72	62	55
6	72	59	50	70	58	50	67	56	49
7	67	54	45	65	53	45	62	51	44
8	62	49	41	61	48	41	58	47	40
9	58	45	37	57	45	37	54	44	36
10	55	42	34	53	41	34	51	40	33

Effective Floor Cavity Reflectance: 20%