

Simple to use, vandal resistant secure illumination.

RVT SURFACE MOUNT RV GUARDSMAN



1' X 4', 2' X 2' AND 2' X 4' RV GUARDSMAN
VANDAL RESISTANT SURFACE MOUNT
T8U6, 32W T8 LINEAR

RV Guardsman provides lighting solutions for maximum, medium and minimum security or high abuse areas. It includes fixtures for surface, recessed or corner wall mounting applications.

Project: _____
Location: _____
Catalog No: _____
Fixture Type: _____
Mfg: _____ Lamps: _____ Qty: _____
Notes: _____

Ordering Guide

Explanation of Catalog Number Example: RVT1SFSVX232120SO

Family	Luminaire Gauge	Luminaire Width	Mounting Style	Door Frame	Lens/Shielding	Lamp Qty in a Luminaire Cross Section	Lamp/ Type	Voltage	Ballast Type	Options
RV	T		S	FS						
RV Series	T = Vandal Resistant Security 20 Gauge Housing	1 = Nominal 12" 2 = Nominal 24"	S = Surface	FS = Vandal Resistant Security 20 Gauge Steel Door Frame	PY = Pattern 12 .187" Nominal Polycarbonate VK = Pattern 12 .140" ACRI-TUF VX = Pattern 12 .125" Polycarbonate	1 x 4 2 = 2 Lamps 2 x 2 2 = 2 Lamps (U6) 2 x 4 2 = 2 Lamps 3 = 3 Lamps 4 = 4 Lamps	32 = T8U6 32W 64 = 6" U-T8	UNV = 120/277V 120 = 120V 277 = 277V 347 = 347V	SO = Elect. T8, (1) 2 Lamp I.S. O3 = Elect. T8, 3 Lamp I.S. O4 = Elect. T8, 4 Lamp I.S. Consult Your Philips Lighting Representative for Other Ballast Options	Consult Your Philips Lighting Representative

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Features

- Ideal for areas where vandalism is a concern (i.e., schools, locker rooms, corridors, stairwells).
- 20 gauge post painted housing and door frame.
- Door frame is hinged on one side and latched with two tamper proof screws.
- Full flush steel hinged lens frame.
- Lenses available in prismatic acrylic and prismatic polycarbonate.
- Twin knock-out access plate.
- Snap-in ballast cover.

Specifications

Materials: Chassis parts are 20 gauge cold rolled steel.

Hinging: 20 gauge cold rolled steel with all seams welded and ground smooth and secured with up to 4 TORX screws with latched and hinged door frame.

Finish: Chassis exterior—white baked polyester enamel. Phosphate undercoating.

Electrical: Rapid start HPF, thermally protected class "P" ballast C.B.M. approved, certified by E.T.L. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

Labels: Listed by CSA.

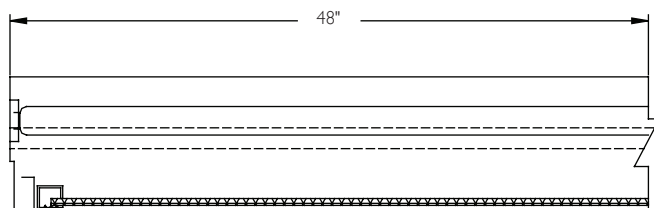
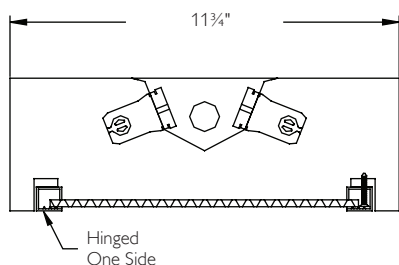
This product may have a mercury containing lamp. Manage in accord with Disposal Laws. See: www.lamprecycle.org

Options/Accessories

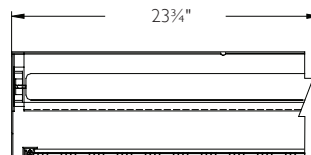
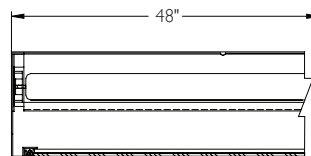
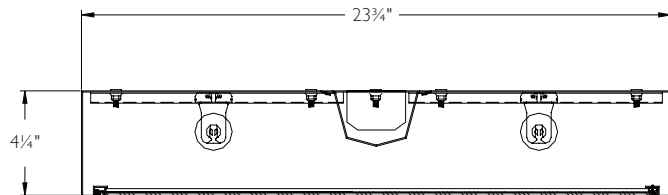
Tamperproof Tools: Ordered separately. TORX Security Screw Driver: Catalog number **OP21864**.

Dimensions

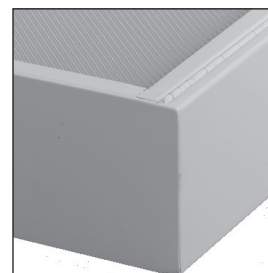
1 x 4



2 x 2 and 2 x 4



Characteristics



Seamless corner design—no rough edges.

Note: Picture shown with piano hinge. Only available on maximum and medium security models.

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Performance

Model No. RVT1SFSVX232120SO

Report Number: LSC A914

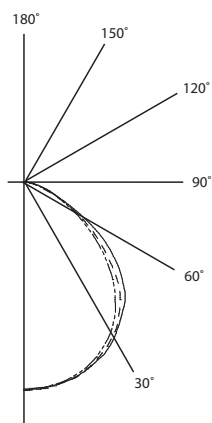
Catalog Number: RVT1SFSVX232120SO

Lamp: (4) 32W T8 TL841

Ballast: Advance REL-4P32-SC

Report is based on 2950 lumens per lamp.

Efficiency: 51.0%



Candela Distribution

Angle	0.0	22.5	45.0	67.5	Across	Output Lumens
0	2525	2525	2525	2525	2525	
5	2518	2527	2517	2515	2502	243
10	2475	2493	2487	2497	2485	
15	2422	2436	2454	2445	2445	687
20	2346	2358	2376	2379	2378	
25	2235	2258	2273	2296	2305	1046
30	2109	2139	2161	2186	2192	
35	1940	1965	2009	2033	2046	1248
40	1723	1768	1825	1880	1909	
45	1467	1502	1568	1666	1699	1208
50	1187	1193	1266	1367	1441	
55	916	936	998	1086	1137	899
60	679	686	713	774	791	
65	472	454	458	497	508	482
70	319	281	271	312	334	
75	187	165	166	175	207	190
80	78	79	83	76	92	
85	0	0	0	5	4	20
90	0	0	0	0	0	

Coefficients of Utilization

Ceiling	80%			50%			30%		
Wall	70	50	30	50	30	10	50	30	10
RCR	Zonal Cavity Method—Effective Floor Cavity Reflectance = 0.20								
Room Cavity Ratio	1	57	55	53	51	50	49	50	48
	2	52	49	46	46	44	42	45	43
	3	49	44	41	42	39	37	41	38
	4	45	40	36	38	35	32	37	34
	5	41	35	31	34	30	28	33	30
	6	38	32	28	31	27	24	30	27
	7	35	29	25	28	24	22	27	24
	8	32	26	22	25	21	19	24	21
	9	30	23	19	22	19	16	22	19
	10	28	21	17	20	17	14	20	17

Luminance Data in Candela/Sq. Meter

Average in Deg.	Average 0 Deg.	Average 45 Deg.	Average 90 Deg.
45	3455	3708	4019
55	2661	2910	3314
65	1861	1812	2010
75	1206	1070	1339
85	0	0	84

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt
0-30	1975	16.75	32.80
0-40	3223	27.32	53.52
0-60	5330	45.17	88.49
0-90	6023	51.05	100.00
40-90	2799	23.73	46.48
60-90	693	5.87	11.51
90-180	0	0.00	0.00
0-180	6023	51.05	100.00



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