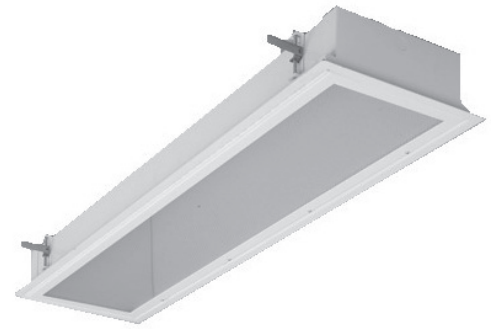


Simple to use, vandal resistant secure illumination.

RVT RECESSED RV GUARDSMAN



1' X 4', 2' X 2' AND 4' X 4' RV GUARDSMAN
VANDAL RESISTANT RECESSED FLANGED/GRID
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: RVT2GFSVX43212004

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			NS						
RV Series	T = Vandal Resistant Security 20 Gauge Housing	1 = Nominal 12" 2 = Nominal 24"	G = Standard T-Bar F = Flanged for Drywall	NS = 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 x T86U 2 x 4 2 = 2 Lamps 3 = 3 Lamps 4 = 4 Lamps	32 = T8 32W 6U = T8U6 32W	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

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, prismatic polycarbonate.
- Twin knock-out access plate.
- Snap-in ballast cover.

Specifications

Materials: Chassis parts are die-formed 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. certified by E.T.L. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

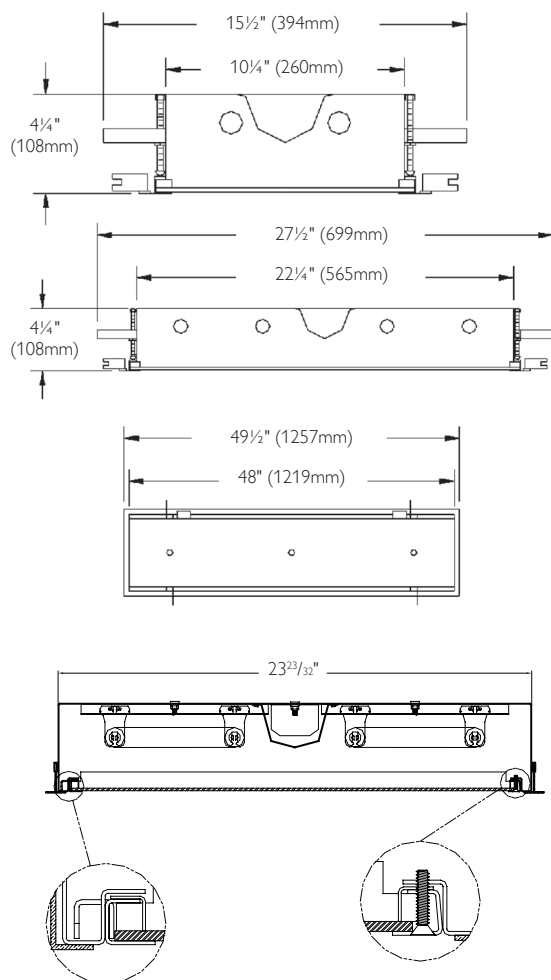
Labels: Listed by CSA.

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



Characteristics



Self flanged with drywall bracket. Wrapped end cap design.

RVT RECESSED RV GUARDSMAN

Performance

Model No. RVT2GFSVX432120O4

Report Number: LSC A945

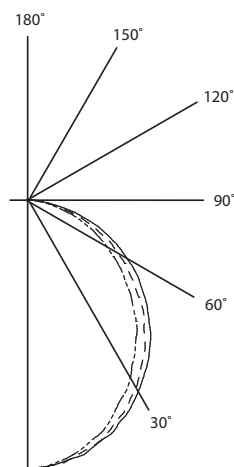
Catalog Number: RVT2GFSVX432120O4

Lamp: (2) 32W T8 U-Bent

Ballast: Advance REL-2P32-SC

Report is based on 2800 lumens per lamp.

Efficiency: 54.2%



Candela Distribution

Angle	0.0	22.5	45.0	67.5	Across	Output Lumens
0	1184	1184	1184	1184	1184	
5	1164	1165	1168	1175	1168	113
10	1136	1146	1145	1146	1149	
15	1090	1097	1116	1115	1118	313
20	1041	1044	1068	1077	1087	
25	968	989	1017	1026	1035	463
30	905	920	954	970	973	
35	823	844	876	910	907	545
40	749	756	804	830	837	
45	655	675	728	749	757	549
50	565	597	628	658	677	
55	482	497	540	586	595	480
60	395	408	447	482	499	
65	313	326	359	394	405	355
70	228	234	267	293	316	
75	142	150	174	194	214	186
80	73	73	93	100	101	
85	12	19	13	22	26	31
90	0	0	0	0	0	

Luminance Data in Candela/Sq. Meter

Average in Deg.	Average 0 Deg.	Average 45 Deg.	Average 90 Deg.
45	3085	3443	3581
55	2801	3149	3473
65	2471	2845	3209
75	1828	2239	2772
85	459	499	1005

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	60	57	55	54	52	51	52	51	49
	2	55	51	47	48	45	43	46	44	42
	3	50	45	41	43	39	37	41	38	36
	4	46	40	36	38	34	32	37	34	31
	5	42	36	31	34	30	27	33	29	27
	6	39	32	27	30	27	24	30	26	23
	7	36	29	24	27	23	21	27	23	20
	8	33	26	21	25	21	18	24	20	18
	9	31	23	19	22	18	16	22	18	15
	10	28	21	17	20	16	14	20	16	14

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt
0-30	888	15.87	29.28
0-40	1433	25.60	47.24
0-60	2462	43.98	81.16
0-90	3034	54.19	100.00
40-90	1601	28.59	52.76
60-90	571	10.21	18.84
90-180	0	0.00	0.00
0-180	3034	54.19	100.00



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