

Simple to use, vandal resistant secure illumination.

RVD SURFACE MOUNT RV GUARDSMAN



1' X 4' AND 2' X 4' RV GUARDSMAN
MEDIUM SECURITY SURFACE MOUNT FLUORESCENT
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: RVD2SDSUS43212004

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	D		S	DS			32			
RV Series	D = Medium Security 16 Gauge Housing	1 = Nominal 12" 2 = Nominal 24"	S = Surface	DS = Medium Security 16 Gauge Steel Door Frame with Piano Hinge	CG = Pattern 73 .140" Tempered Glass US = Pattern 12 .187" Nominal Polycarbonate PY = .125" Ultraviolet Clear Polycarbonate with .125" Prismatic Acrylic Overlay	1 x 4 2 = 2 Lamps 2 x 4 2 = 2 Lamps 3 = 3 Lamps 4 = 4 Lamps	32 = T8 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 high abuse areas such as detention cells and security corridors.
- 16 gauge post painted housing and frame.
- Door frame is secured by up to 4 TORX screws.
- Door frame comes complete with piano hinge.
- Lenses available in prismatic acrylic, prismatic polycarbonate, and clear tempered glass.
- Overlapped and welded corners.

Specifications

Materials: Chassis parts are 16 gauge cold rolled steel.

Hinging: 16 gauge cold rolled steel with all seams welded and ground smooth, and secured with up to 4 TORX screws with full length piano hinge.

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.

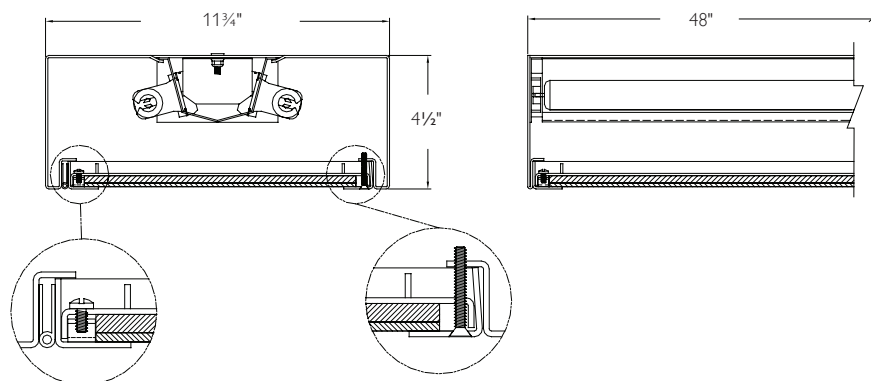
This product may have a mercury containing lamp. Manage in accord with Disposal Laws. See: www.lamprecycle.org

Options/Accessories

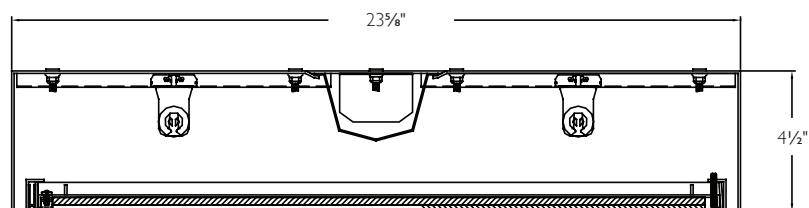
Tamperproof Tools: Ordered separately. TORX Security Screw Driver: Catalog number **OP21864**.

Dimensions

1 x 4



2 x 4



Characteristics



Piano hinge design on medium security models.

RVD SURFACE MOUNT RV GUARDSMAN

Performance

Model No. RVX2SXDUS432120O4

Report Number: LSC A914

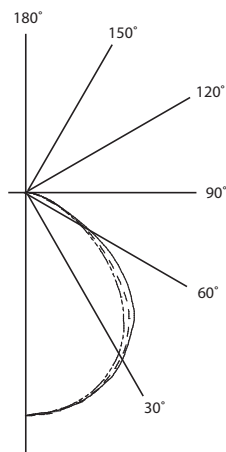
Catalog Number: RVX2SXDUS432120O4

Lamp: (4) F32T8/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	49	48
	2	52	49	46	46	44	42	45	43	41
	3	49	44	41	42	39	37	41	38	36
	4	45	40	36	38	35	32	37	34	32
	5	41	35	31	34	30	28	33	30	28
	6	38	32	28	31	27	24	30	27	24
	7	35	29	25	28	24	22	27	24	21
	8	32	26	22	25	21	19	24	21	19
	9	30	23	19	22	19	16	22	19	16
	10	28	21	17	20	17	14	20	17	14

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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www.philips.com/luminaires

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