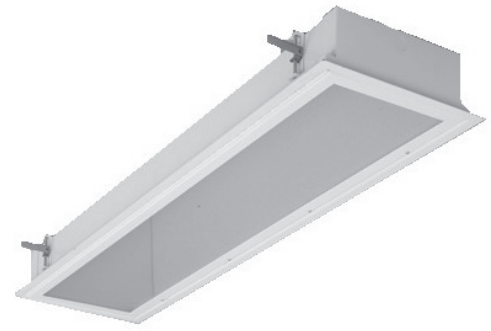


Simple to use, vandal resistant secure illumination.

RVD RECESSED RV GUARDSMAN



1' X 4', 2' X 2' AND 2' X 4' RV GUARDSMAN
MEDIUM SECURITY RECESSED FLANGED
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: RVD2FDSUS432120O4

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		F	DS						
RV Series	D = Medium Security 16 Gauge Housing	1 = Nominal 12" 2 = Nominal 24"	F = Flanged for Drywall	DS = Medium Security 16 Gauge Steel Door Frame with Piano Hinge	CG = Pattern 73 .140" Tempered Glass US = .250" Clear Polycarbonate with .125" Acrylic Overlay PY = Pattern 12 .187" Nominal Polycarbonate	1 x 4 2 = 2 Lamps 2 x 2 2 = 2 x T8U6 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

RVD RECESSED RV GUARDSMAN

Features

- Ideal for high abuse areas such as detention cells and security corridors.
- 16 gauge post painted housing and door 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.

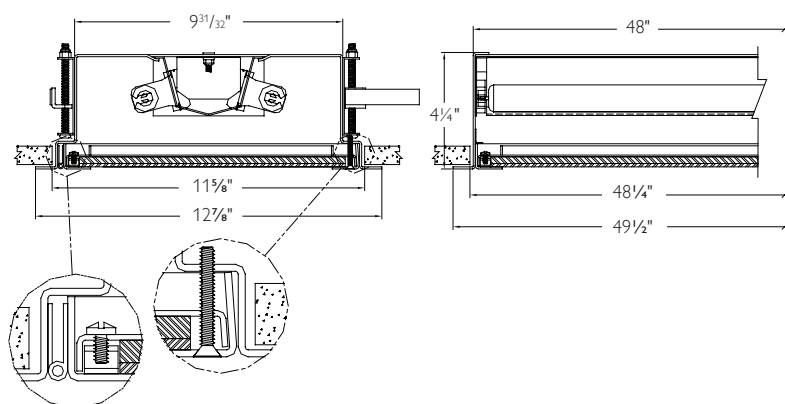
This product may have a mercury containing lamp. Manage in accord with Disposal Laws. See: www.lamprecycle.org

Options/Accessories

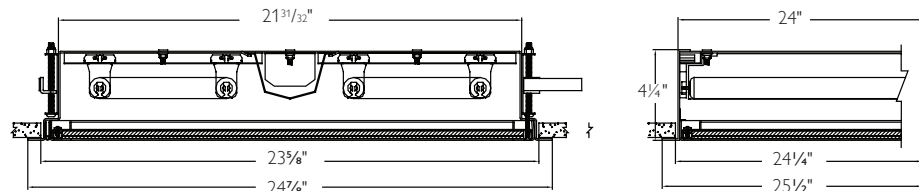
Tamperproof Tools: Ordered separately. TORX Security Screw Driver: Catalog number **OP21864**.

Dimensions

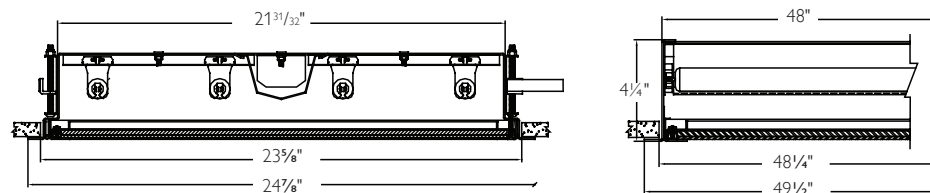
1 x 4



2 x 2



2 x 4



Characteristics



Self flanged with drywall bracket. Wrapped end cap design.

RVD RECESSED RV GUARDSMAN

Performance

Model No. RVX2FXDUS432120O4

Report Number: LSC A915

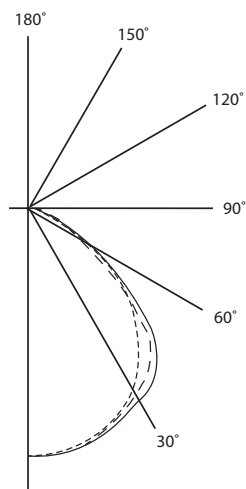
Catalog Number: RVX2FXDUS432120O4

Lamp: (4) F32T8/TL841

Ballast: Advance REL-4P32-SC

Report is based on 2950 lumens per lamp.

Efficiency: 50.9%



Candela Distribution

Angle	0.0	22.5	45.0	67.5	Across	Output Lumens
0	2595	2595	2595	2595	2595	
5	2592	2594	2599	2574	2580	250
10	2552	2557	2578	2570	2573	
15	2506	2514	2535	2539	2528	711
20	2422	2434	2463	2464	2480	
25	2314	2334	2363	2389	2390	1086
30	2170	2213	2248	2301	2316	
35	2001	2049	2134	2215	2230	1327
40	1774	1867	2006	2075	2082	
45	1532	1577	1618	1751	1812	1255
50	1240	1161	1162	1284	1433	
55	939	809	817	896	1014	792
60	635	568	554	612	661	
65	413	387	356	412	430	401
70	264	264	252	268	267	
75	144	172	149	170	138	169
80	66	69	75	74	58	
85	0	1	0	0	0	16
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	3501	3710	4155
55	2644	2309	2867
65	1578	1365	1649
75	897	934	867
85	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	52	50	49	50	48
	2	53	49	47	47	45	43	45	43
	3	49	44	41	42	40	37	41	39
	4	45	40	36	38	35	33	37	34
	5	42	36	32	34	31	29	33	31
	6	39	33	29	31	28	25	30	27
	7	36	29	25	28	25	22	27	24
	8	33	26	22	25	22	19	25	22
	9	30	24	20	23	19	17	22	19
	10	28	22	18	21	17	15	20	17

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt
0-30	2047	17.35	34.07
0-40	3373	28.59	56.16
0-60	5421	45.94	90.24
0-90	6007	50.91	100.00
40-90	2633	22.32	43.84
60-90	586	4.97	9.76
90-180	0	0.00	0.00
0-180	6007	50.91	100.00



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Philips Lighting Company
200 Franklin Square Drive
Somerset, NJ 08873
Phone: 855-486-2216

Philips Lighting Company
281 Hillmount Road
Markham ON, Canada L6C 2S3
Phone: 800-668-9008