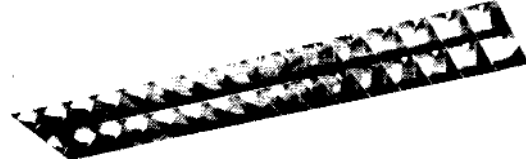


# VP PARABOLIC DVA5G32MS240

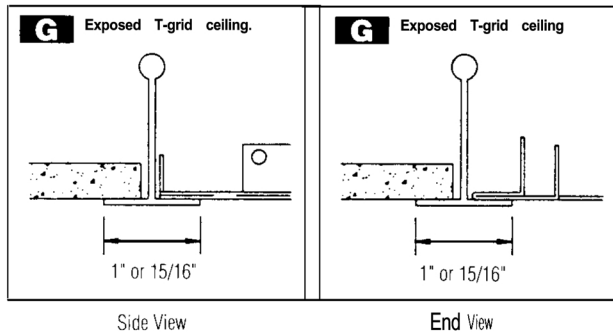
20" x 60" RECESSED FLUORESCENT 32 CELL PARABOLIC LOUVER  
 STATIC AND AIR SUPPLY/ RETURN IES RP24 PREFERRED

## Features

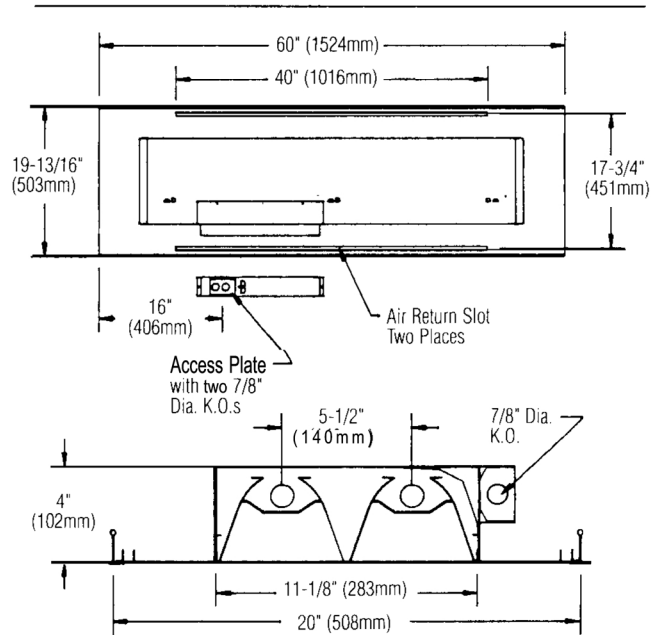
- Meets IES RP-24 Preferred Practice.
- Ideal for intensive VDT use areas.
- Only 4" deep.
- Utilizes CFI Advance Technology Reflector Louver.
- Faceplate made with die-formed 20 gauge steel with edges hemmed for rigidity.
- Full length air slots with bent edge for rigidity.
- Precise fitting reflector louver.
- Louver securely held with CFI concealed torsionite spring clips.
- Fixture Efficiency 62.0%.



## MOUNTING METHODS



## DIMENSIONS



### Job Information

### Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Volts/Ballast:**

Lightolier a Genlyte Thomas Company [www.lightolier.com](http://www.lightolier.com)  
 Technical Information: (978) 657-7600 • Fax (978) 658-0595  
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
 We reserve the right to change details of design, materials and finish.  
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 A0902 **Section 2/Folio G09-15**

**LIGHTOLIER**

# VP PARABOLIC DVA5G32MS240

20"x 60" RECESSED FLUORESCENT 32 CELL PARABOLIC LOUVER  
 STATIC AND AIR SUPPLY/ RETURN IES RP24 PREFERRED

## PHOTOMETRY DVA5G32MS240

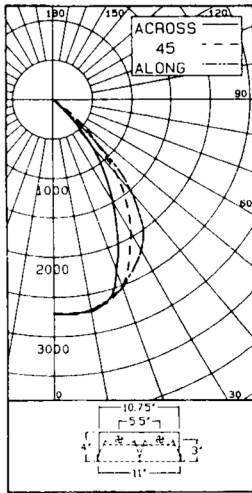


LIGHTING SCIENCES CANADA LTD.

440 Ph.Mp St 11th Flr Waterloo, Ont. Canada N2L 5R9  
 Tel: (519) 746 3140 Fax: (519) 746 3156

CERTIFIED TEST REPORT NO. LSC2855  
 COMPUTED BY LSC PROGRAM \*\*TEST-LITE\*\*

CFI INDOOR FLUORESCENT FIXTURE CAT. NO. ADV248-136R-HP  
 WITH (POST-ANODIZED) 36-CELL SPECULAR HIGH PERFORMANCE PROFILE LOUVER  
 TWO 32W OCTRON F032/41K T8 FLUORESCENT LAMPS, LUMEN RATING = 2900 LMS.



CANDLEPOWER SUMMARY				OUTPUT LUMENS	
ANGLE	ALONG	ACROSS	ALONG	ACROSS	
0	2707	2707	2707	2707	
5	2714	2699	2725	2730	259
10	2694	2668	2692	2737	2718
15	2619	2623	2647	2656	2625
20	2529	2515	2512	2422	2305
25	2373	2334	2249	2060	1899
30	2209	2103	1954	1668	1490
35	1966	1721	1603	1299	1111
40	1528	1331	1235	892	735
45	813	968	778	551	294
50	74	206	461	200	17
55	4	1	112	81	3
60	0	0	0	28	0
65	0	0	0	0	0
70	0	0	0	0	0
75	0	0	0	0	0
80	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

### ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	LUMINAIRE
0-30	2011	34.67	55.89
0-40	2972	51.25	82.60
0-60	3589	61.90	99.76
0-90	3598	62.04	100.00
40-90	626	10.79	17.40
60-90	8	.15	.24
90-180	0	.00	.00
0-180	3598	62.04	100.00

\*\* EFFICIENCY = 62.0% \*\*

### LUMINANCE SUMMARY - CD. / SQ. M.

ANGLE	ALONG	ACROSS	ALONG	ACROSS
45	3373	3241	1226	
55	18	577	13	
65	0	0	0	
75	0	0	0	
85	0	0	0	

SC(ALONG) = 1.2, SC(ACROSS) = 1.0  
 CERTIFIED BY: *[Signature]* DATE: JAN 18, 1991

PREPARED FOR:  
 CANADIAN FLUORESCENT INDUSTRIES  
 CORNWALL, ONTARIO

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE = 7.9 METERS (25.9 FEET).

### COEFFICIENTS OF UTILIZATION

#### ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	80			70			50			30			10			0		
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	
0	.74	.74	.74	.74	.72	.72	.72	.72	.69	.69	.69	.66	.66	.66	.63	.63	.63	.62
1	.70	.69	.67	.66	.69	.67	.66	.65	.65	.64	.63	.62	.62	.61	.60	.60	.59	.58
2	.67	.64	.61	.59	.65	.63	.60	.58	.60	.59	.57	.59	.57	.56	.57	.56	.55	.54
3	.63	.59	.56	.53	.62	.58	.55	.53	.57	.54	.52	.55	.53	.51	.54	.52	.50	.49
4	.60	.55	.51	.48	.58	.54	.51	.48	.53	.50	.48	.51	.49	.47	.50	.48	.46	.45
5	.56	.51	.47	.44	.55	.50	.46	.44	.49	.46	.43	.48	.45	.43	.47	.45	.43	.42
6	.53	.47	.43	.41	.52	.47	.43	.40	.46	.42	.40	.45	.42	.40	.44	.41	.39	.38
7	.50	.44	.40	.37	.49	.43	.40	.37	.42	.39	.37	.42	.39	.36	.41	.38	.36	.35
8	.47	.40	.36	.33	.46	.40	.36	.33	.39	.36	.33	.38	.35	.33	.38	.35	.33	.32
9	.43	.37	.33	.30	.43	.37	.33	.30	.36	.32	.30	.35	.32	.30	.35	.32	.30	.29
10	.41	.34	.30	.27	.40	.34	.30	.27	.33	.30	.27	.33	.29	.27	.32	.29	.27	.26

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 77.9

### IES VISUAL COMFORT PROBABILITY

CC, WALL = FC REFLECTANCE = 80, 50, 20  
 WORK PLANE ILLUMINANCE = 100.0 FOOTCANDLES  
 WORK PLANE HEIGHT = 2.5 FEET

ROOM DIMENSIONS HEIGHT	LUMINAIRES LENGTHWISE				LUMINAIRES CROSSWISE			
	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
20 20	99	97	94	89	99	99	99	96
20 30	99	97	94	89	99	99	99	97
20 40	99	97	94	89	99	99	99	97
20 60	99	98	95	90	99	99	99	97
30 20	99	97	94	91	99	99	99	96
30 30	99	97	95	91	99	99	99	97
30 40	99	97	95	91	99	99	99	97
30 60	99	98	95	92	99	99	99	97
40 80	99	98	95	92	99	99	99	97
40 20	99	97	94	91	99	99	99	96
40 30	99	97	95	91	99	99	99	97
40 40	99	97	95	92	99	99	99	97
40 60	99	98	95	92	99	99	99	97
40 80	99	98	95	92	99	99	99	97
40 100	99	98	95	92	99	99	99	97
60 10	99	97	95	92	99	99	99	97
60 40	99	97	95	92	99	99	99	97
60 60	99	97	95	92	99	99	99	97
60 80	99	97	95	92	99	99	99	97
60 100	99	98	95	92	99	99	99	97
100 40	99	97	95	92	99	99	99	97
100 60	99	97	95	92	99	99	99	97
100 80	99	97	95	92	99	99	99	97
100 100	99	98	95	92	99	99	99	97

## ORDERING INFORMATION

Explanation of Catalog Number. Example: DVA4G32MS2401200C

<b>DV</b>		<b>5</b>	<b>G</b>	<b>32</b>		<b>2</b>	<b>40</b>			
<b>ADVANCE TECHNOLOGY:</b> Reflector Louver in a 20 x 60 Faceplate	<b>BODY STYLE:</b> A=Air Handling/Static	<b>FIXTURE WIDTH:</b> 5 = 20"	<b>CEILING TYPE:</b> G-Grid (Lay in T-Bar)	<b>NUMBER OF CELLS:</b>	<b>LOUVER FINISH:</b> MS=Low Irridescence Reflector Matte PS=Low Irridescence GFI Anodized Specular	<b>LAMP QUANTITY:</b>	<b>LAMP LENGTH:</b> 40 = 48"	<b>VOLTAGE:</b> 120 277 347	<b>BALLAST TYPE:</b> OC = T8 SO = Electronic T8 DI = Dimming	<b>OPTIONS:</b> Add appropriate suffix to catalog no. ie: (HRD)

\*Contact factory for availability of louver finishes.

## SPECIFICATIONS

**PERFORMANCE:** In an installation of 2 lamp 32W luminaires in a room cavity ratio of 1 reflectance 80% ceiling, 50% wall, 20% floor the C.U. shall not be less than 0.69. To prevent glare the VCP shall not be less than 88 either lengthwise or crosswise (at 100 fc level) and that the average luminance will conform with the IES RP-24 preferred standard, and have a fixture efficiency of not less than 60%.

**MATERIALS:** Chassis parts are die-formed 22 gauge cold rolled steel. Faceplate is die-formed 20 gauge cold rolled steel with edges hemmed for rigidity.

**LOUVER:** Post-anodized aluminum.

**FINISH:** Louver - Low iridescence specular post-anodized vertical grain sheet or Low iridescence reflector matte post-anodized vertical grain sheet. Chassis exterior -white baked polyester powder coat.

## SPECIFICATIONS (continued)

**ELECTRICAL:** Rapid start HPF thermally protected class "P" ballast CBM certified by ETL if K.O. is within 3" of ballast use wire suitable for at least 90°.

**LABELS:** Listed by CSA/UL.

## Job Information

Type:

Lightolier a Genlyte Thomas Company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

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