

VP PARABOLIC DZA1G16MS140

Page 1 of 2

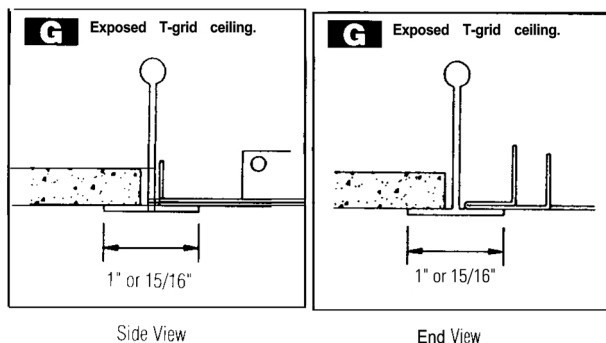
1' x 4' RECESSED FLUORESCENT 16 CELL PARABOLIC LOUVER
STATIC AND AIR SUPPLY/RETURN IES RP24 PREFERRED

Features

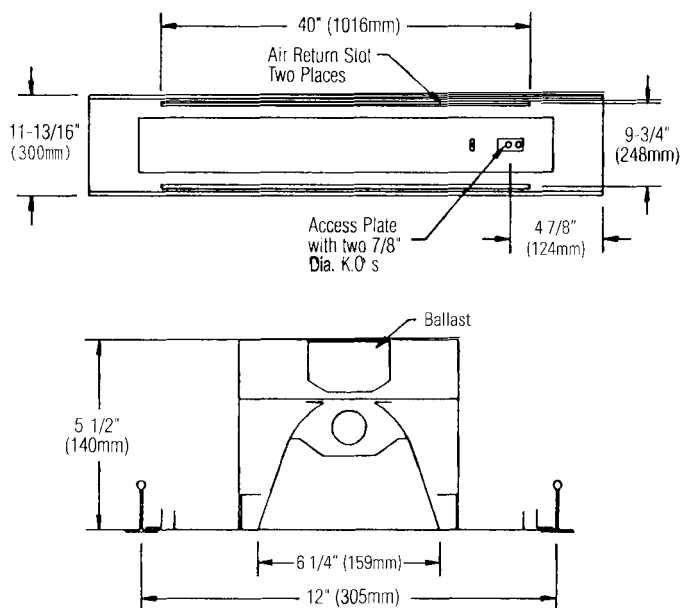
- Meets IES RP-24 Preferred Practice.
- Ideal for intensive VDT use area.
- Only 5.5" deep.
- Utilizes CFI Advance Technology Reflector Louver.
- Faceplate made with die-formed 20 gauge steel with edges hemmed for rigidity.
- Full length air slots with bent edge for rigidity.
- Precise fitting reflector louver.
- Louver securely held with CFI concealed torsionite spring clips
- Fixture Efficiency 62.4%



MOUNTING METHODS



DIMENSIONS



Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Volts/Ballast:	

Lightolier a Genlyte Thomas Company 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.
 © 2002 Genlyte Thomas Group LLC (Lightolier Division)
 A0902 **Section 2/Folio G09-25**

LIGHTOLIER®

VP PARABOLIC DZA1G16MS140

Page 2 of 2

1' x 4' RECESSED FLUORESCENT 16 CELL PARABOLIC LOUVER
STATIC AND AIR SUPPLY/RETURN IES RP24 PREFERRED

PHOTOMETRY DZA1G16MS140

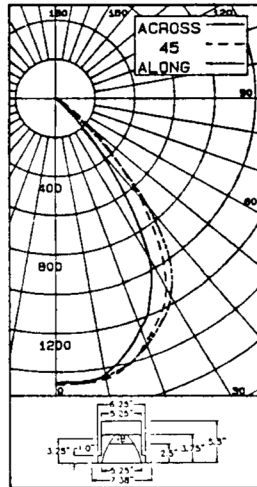


LIGHTING SCIENCES CANADA LTD.

140 Philip St. Unit 19 Waterloo, Ont. Canada N2L 5R9
Tel: (519) 746-3140 Fax: (519) 746-3150

CERTIFIED TEST REPORT NO. LSC5443
COMPUTED BY LSC PROGRAM **TEST-LITE**

CFI INDOOR FLUORESCENT FIXTURE CAT. NO. ADS8G16R140120SD
WITH WHITE PAINTED INTERIOR AND 16-CELL 2.5" DEEP REFLECTOR MATTE LOUVER
ONE 32W F32T8/TL835 TB FLUORESCENT LAMP, LUMEN RATING = 3050 LMS,
ADVANCE 120V 1 OR 2-LAMP ELECTRONIC BALLAST NO. REL-2P32-RH-TP



CANDLEPOWER SUMMARY		OUTPUT LUMENS	
ANGLE	ALONG	45	67.5 ACROSS
0	1462	1462	1462
5	1459	1454	1463
10	1448	1439	1461
15	1411	1417	1414
20	1343	1342	1325
25	1260	1239	1231
30	1161	1124	1114
35	999	965	902
40	716	720	651
45	170	413	400
50	105	150	214
55	5	18	77
60	0	0	23
65	0	0	0
70	0	0	0
75	0	0	0
80	0	0	0
85	0	0	0
90	0	0	0

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	ALUMINAIRE
0-30	1085	35.58	56.78
0-40	1609	52.77	84.52
0-60	1901	62.40	100.00
0-90	1904	62.43	100.00
40-90	294	9.67	15.48
60-90	1	.04	.06
90-180	0	.00	.00
0-180	1904	62.43	100.00

** EFFICIENCY = 62.4% **

LUMINANCE SUMMARY-CD. / SQ. FT.

ANGLE	ALONG	45	ACROSS
45	3388	3664	813
55	51	849	0
65	0	0	0
75	0	0	0
85	0	0	0

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

PAINT REFLECTANCE = .80 S.M.H. = 1.0
SCALING = 1.2, SCALING = 1.0

CERTIFIED BY: *Ray Whelan* DATE: MAY 1, 1994
PREPARED FOR: CANADIAN FLUORESCENT INDUSTRIES
CORNWALL, ONTARIO

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	80	70	50	30	10	0
70	.74	.74	.74	.74	.73	.73
50	.69	.69	.69	.66	.66	.66
30	.66	.66	.66	.63	.63	.63
10	.63	.63	.63	.61	.61	.61
0	.61	.61	.61	.59	.59	.59
70	.59	.59	.59	.57	.57	.57
50	.56	.56	.56	.55	.55	.55
30	.54	.54	.54	.53	.53	.53
10	.53	.53	.53	.52	.52	.52
0	.52	.52	.52	.51	.51	.51
70	.51	.51	.51	.50	.50	.50
50	.49	.49	.49	.48	.48	.48
30	.48	.48	.48	.47	.47	.47
10	.47	.47	.47	.46	.46	.46
0	.46	.46	.46	.45	.45	.45
70	.45	.45	.45	.44	.44	.44
50	.44	.44	.44	.43	.43	.43
30	.43	.43	.43	.42	.42	.42
10	.42	.42	.42	.41	.41	.41
0	.41	.41	.41	.40	.40	.40
70	.40	.40	.40	.39	.39	.39
50	.39	.39	.39	.38	.38	.38
30	.38	.38	.38	.37	.37	.37
10	.37	.37	.37	.36	.36	.36
0	.36	.36	.36	.35	.35	.35
70	.35	.35	.35	.34	.34	.34
50	.34	.34	.34	.33	.33	.33
30	.33	.33	.33	.32	.32	.32
10	.32	.32	.32	.31	.31	.31
0	.31	.31	.31	.30	.30	.30
70	.30	.30	.30	.29	.29	.29
50	.29	.29	.29	.28	.28	.28
30	.28	.28	.28	.27	.27	.27
10	.27	.27	.27	.26	.26	.26
0	.26	.26	.26	.25	.25	.25

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 35.5
LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST FACTORS HAVE NOT BEEN APPLIED.

IES VISUAL COMFORT PROBABILITY

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

LUMINAIRE DIMENSIONS HEIGHT W L	LUMINAIRE LENGTHWISE				LUMINAIRE CROSSWISE			
	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
20 20	99	98	97	91	99	98	99	94
20 30	99	98	97	91	99	98	99	95
20 40	99	98	97	91	99	98	99	95
20 60	99	98	97	92	99	99	99	95
20 80	99	98	97	93	99	99	99	96
30 20	99	98	97	93	99	98	99	95
30 30	99	98	97	93	99	99	99	95
30 40	99	98	97	93	99	99	99	95
30 60	99	98	97	93	99	99	99	95
30 80	99	98	97	93	99	99	99	96
40 20	99	98	97	93	99	98	99	95
40 30	99	98	97	93	99	99	99	95
40 40	99	98	97	93	99	99	99	95
40 60	99	98	97	93	99	99	99	96
40 80	99	98	97	93	99	99	99	96
40 100	99	98	97	93	99	99	99	96
60 30	99	98	97	93	99	99	99	95
60 40	99	98	97	93	99	99	99	96
60 60	99	99	97	93	99	99	99	96
60 80	99	99	97	93	99	99	99	96
60 100	99	99	97	93	99	99	99	96
100 40	99	98	97	93	99	99	99	96
100 60	99	99	97	93	99	99	99	96
100 80	99	99	97	93	99	99	99	96
100 100	99	99	97	93	99	99	99	96

ORDERING INFORMATION Explanation of Catalog Number. Example: DZA1G16MS1401200C

DZ		1	G	16		1	40		
ADVANCE TECHNOLOGY Reflector Louver with Side Plates 48" in length	BODY STYLE A = Air handling S = Static	FIXTURE WIDTH	CEILING TYPE G-Grid (Lay in T-Bar)	NUMBER OF CELLS	LOUVER FINISH MS-Low Irrescence Reflector Matte PS-Low Irrescence CFI Anodized Specular	LAMP QUANTITY	LAMP LENGTH 40 = 48"	VOLTAGE 120 277 347	OPTIONS: Add appropriate suffix to catalog no., ie (HRD) I BALLAST TYPE OC=T8 SO= Electronic T8 DI= Dimming

*Consult factory for availability

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
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.
© 2002 Genlyte Thomas Group LLC (Lightolier Division)
A0902

Section 2/Folio G09-25

LIGHTOLIER®