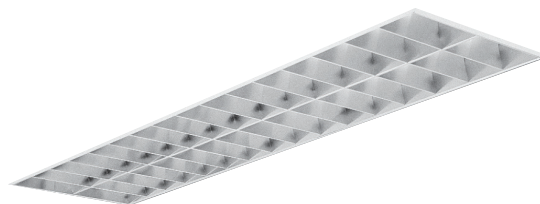


VDT control with balanced illumination for visual comfort.

ADS1G32MS232
VISION SMART



1' X 4' RECESSED FLUORESCENT
32 CELL PARABOLIC LOUVER
STATIC ONLY
IES RP-1 FOR INTENSE VDT USE (PREFERRED)

Vision Smart Parabolics meet the Preferred and Basic Criteria of IES RP-1 and RP-24. This luminaire delivers low to medium light levels with the best performance in terms of efficiency, wide spacing and excellent glare control.

Project: _____
Location: _____
Catalog No: _____
Fixture Type: _____
Mfg: _____ Lamps: _____ Qty: _____
Notes: _____

Ordering Guide

Explanation of Catalog Number Example: **ADS1G32MS232120SO**

Advance Technology	Body Style	Fixture Width	Ceiling Type	Number of Cells	Louver Finish	Lamp Quantity	Lamp Length	Voltage	Ballast Type	Options
AD	S	1	G	32	MS	2	32			
Full Width Reflector Louver 48" in Length	S = Static	1 = 1'	G = Grid (Lay-in T Bar)		MS = Low Iridescence Reflector Matte	2 = 2 Lamps	32 = T8 (Nominal 48")	UNV = 120/277V 120 = 120V 277 = 277V 347 = 347V	<20THD SO* <10THD RO** PW — *Instant Start Standard **Rapid Start Standard	1 or 2 Lamp Elec. T8 T8 Dimming Add Appropriate Suffix to Catalog Number

Features

- Meets IES RP-1 luminance criteria, for lighting VDT areas with intense use.
- Fixture efficiency 62% (T8).
- Maintain low average luminance in a shallow construction (only 4" deep).
- Precise wraparound louver to prevent flashing lamp image on side blades.
- Reflector matte material combines diffuse and reflective optics to match ceiling luminance while providing optical cutoff and efficiency.
- Light distribution provides high level of uniformity on the task.
- Precise fitting reflector louver.
- Louver securely held with concealed torsionite spring clips.

Specifications

Performance: In an installation of 2 lamp 32W luminaires in a room cavity ratio of 1, with reflectance of 80% ceiling, 50% walls, 20% floor, the C.U. shall not be less than .69. To meet IES RP-1 preferred luminance criteria for VDT areas the average luminance at 55°, 65°, 75° and 85° shall not exceed 577, 0, 0 and 0 candelas per square meter respectively in 0°, 45°, 90° horizontal planes. Candelas at nadir (0°) not exceed 2707.

Materials: Chassis parts are die-formed 22 gauge cold rolled steel.

Louver: Post-anodized aluminum.

Finish: Louver—low iridescence reflector matte post-anodized sheet. Chasis parts—white baked polyester powder coat.

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/UL.

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

Options/Accessories

Drywall Kit: For plaster frames, order catalog number: **FK91X4**.

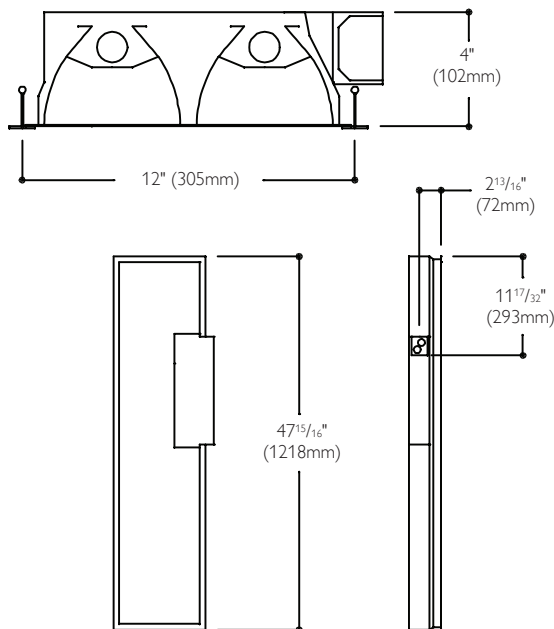
Emergency Lighting System: Consult your Philips Lighting representative.

Radio Interference Filter: 120, 277 or 347 volt, 50 or 60 Hz. Suffix: **R**.

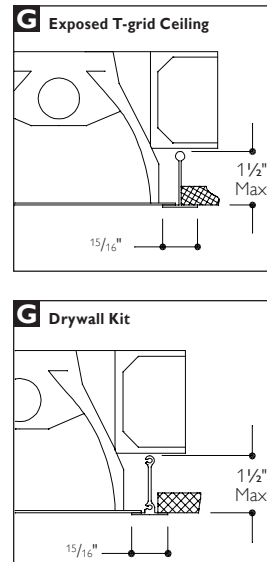
Ballast Options: For other ballast options, consult your Philips Lighting representative.

Louver Finish: Low iridescence reflector matte (standard). For other finishes, consult your Philips Lighting representative.

Dimensions



Mounting Methods



ADS1G32MS232

VISION SMART

Performance

Model No. ADS1G32MS240120

Report Number: LSC5443

Catalog Number: ADS8G16R140120SO

Lamp: (1) F32T8/TL835

Luminaire: 1' X 4' recessed fluorescent
16 cell parabolic louver troffer

Ballast: Advance REL-2P32-RH-TP

Lumens: Report is based on 3050 lumens
per lamp

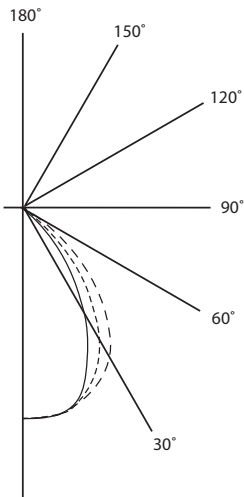
Efficiency: 62.4%

Candela Distribution

Angle	0.0	22.5	45.0	67.5	Across	Output Lumens
0	2707	2707	2707	2707	2707	
5	2714	2699	2725	2730	2710	259
10	2694	2668	2692	2737	2718	
15	2619	2623	2647	2656	2625	740
20	2529	2515	2512	2422	2305	
25	2373	2334	2249	2060	1899	1012
30	2209	2103	1954	1668	1490	
35	1966	1721	1603	1299	1111	961
40	1528	1331	1235	892	735	
45	813	968	778	551	294	542
50	74	206	461	200	19	
55	4	1	112	81	3	75
60	0	0	0	28	0	
65	0	0	0	6	0	1
70	0	0	0	0	0	
75	0	0	0	0	0	0
80	0	0	0	0	0	
85	0	0	0	0	0	0
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	70	69	67	65	64	63	62	62	61
	2	67	64	61	60	59	57	59	57	56
	3	63	59	56	57	54	52	55	53	51
	4	60	55	51	53	50	48	51	49	47
	5	56	51	47	49	46	43	48	45	43
	6	53	47	43	46	42	40	45	42	40
	7	50	44	40	42	39	37	42	39	36
	8	47	40	36	39	36	33	38	35	33
	9	43	37	33	36	32	30	35	32	30
	10	41	34	30	33	30	27	33	29	27



Luminance Data in Candela/Sq. Meter

Average in Deg.	Average 0 Deg.	Average 45 Deg.	Average 90 Deg.
45	3373	3241	1226
55	18	577	13
65	0	0	0
75	0	0	0
85	0	0	0

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt
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	0.00
0-180	3598	62.04	100.00



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