

Highly efficient with balanced illumination and simple to use.

DSA5GLIVA232 LENSED TROFFER



20" X 60" RECESSED FLUORESCENT TROFFER
STATIC OR AIR SUPPLY / RETURN
2 OR 3 LAMP, T8 OR T12

Only 5" deep. Faceplate made with die formed 20 gauge cold rolled steel with edges hemmed for rigidity. Easily removable ballast cover. Twin knockout access plate. Luminaire efficiency 73.2%. Lay in lens standard.

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

Ordering Guide

Explanation of Catalog Number Example: DSA5GLIVA232120SO

Recessed Fluorescent	Body Style	Fixture Width	Ceiling Type	Door Style	Lens/ Shielding Type	Lamp Qty	Lamp/ Fixture Length	Voltage	Ballast Type	Options
DS		5			VA					
Lensed Troffer	A = Air Handling S = Static	5 = 20"	G = Grid (Lay-in T-bar) T = Narrow Grid	LI = Lay-in No Frame SA = Standard Lift & Shift Aluminum Frame RA = Regressed Aluminum Frame FA = Flush Aluminum Lift & Shift Frame	VA (Virgin Acrylic) Standard (See Options)	2 = 2 Lamps 3 = 3 Lamps	32 = T8 34 = T12 (Nominal 48")	UNV = 120/277V 120 = 120V 277 = 277V 347 = 347V	LE = T12 Magnetic SO = T8 Electronic PS = T8 Dimming	Add appropriate suffix to catalog No.

DSA5GLIVA232

LENSED TROFFER

Features

- Only 5/4" deep.
- Faceplate made with die-formed 20 gauge cold rolled steel with edges hemmed for rigidity.
- Easily removable ballast cover.
- Twin knockout access plate.
- Fixture efficiency 73.2%.

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 0.78. To control veiling reflections, luminaire output in the 30°–90° zone shall not be less than 67.3%.

Materials: Chassis parts are die-formed code gauge cold rolled steel. Faceplate is die-formed 20 gauge cold rolled steel with the edges hemmed for rigidity. Lens frames.

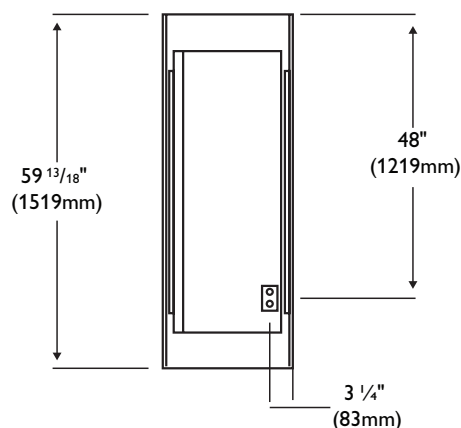
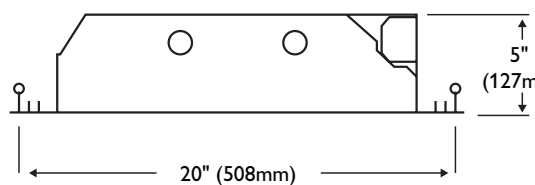
Finish: Chassis exterior white baked polyester powder coat.

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 90°.

Labels: Listed by CSA.

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

Dimensions



DSA5GLIVA232 LENSED TROFFER

Performance

Report Number: LSC6075

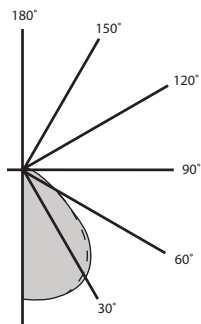
Catalog No: DSA5GLIVA232120SO

Lamp Type: 2 F32T8/TL835

Lumens per Lamp: 3050

Lumen Input Watts: 54.0

Total Efficiency: 73.4%



Candela Distribution

Angle	Along	22.5	45.0	67.5	Across	Output Lumens
0	1821	1821	1821	1821	1821	173
5	1825	1813	1811	1817	1811	
10	1795	1801	1804	1824	1817	
15	1763	1780	1796	1802	1816	
20	1715	1722	1756	1787	1797	
25	1627	1658	1713	1757	1757	786
30	1526	1570	1636	1683	1693	
35	1394	1439	1521	1564	1566	
40	1232	1271	1334	1365	1389	
45	1033	1055	1131	1147	1159	
50	805	846	919	907	906	935
55	618	649	697	696	679	
60	459	469	489	500	487	
65	345	333	318	350	356	
70	261	251	208	249	270	
75	214	183	152	187	212	196
80	149	126	116	122	154	
85	60	58	50	61	83	
90	0	0	0	0	0	

Coefficients of Utilization

RC	80%				50%				30%			
RW	70	50	30	10	50	30	10	50	30	10		
RCR	Zonal Cavity Method Effective Floor Cavity Reflectance = .20											
Room Cavity Ratio	1	81	78	76	73	73	71	70	71	69	68	
	2	75	70	66	62	66	63	60	64	61	59	
	3	69	63	57	53	60	55	52	58	54	51	
	4	64	56	51	46	54	49	45	52	48	45	
	5	59	51	44	40	48	43	39	47	42	39	
	6	55	46	40	35	44	39	35	42	38	35	
	7	50	41	35	31	40	34	31	38	34	30	
	8	47	37	31	27	36	30	27	35	30	27	
	9	43	33	28	23	32	27	23	31	27	23	
	10	40	30	25	21	29	24	21	29	24	21	

Luminance Data in Candela / Sq. Meter

Angle	Along	45	Across
45	3059	3360	3446
55	2257	2555	2489
65	1706	1579	1769
75	1732	1235	1718
85	1433	1200	2000

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1465	24.02	32.74
0-40	2400	39.35	53.63
0-60	3863	63.34	86.34
0-90	4475	73.37	100.00
40-90	2075	34.02	46.37
60-90	611	10.03	13.66
90-180	0	.00	.00
0-180	4475	73.37	100.00

Options/Accessories

Drywall Kit: For plaster frames, order Cat. No.: **FK920X5**

Internal Fusing:

Consult your Philips Lighting representative.

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

Emergency Lighting System: SUFFIX: **O**

(e.g. DSA5GLIVA232120SOO)

Emergency battery pack with charger.

(90 minutes at 15% of lumens for 1 lamp).

Special Lens—VA: Lens pattern 12 prismatic virgin acrylic is standard. For other available lenses consult your Philips Lighting representative.



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Specifications are subject to change without notice.
www.philips.com/luminaires

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