

# AA82GFSVA232 - 432

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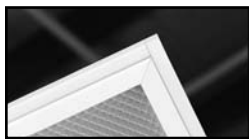
2' X 4' SHALLOW SPECIFICATION GRADE  
RECESSED FLUORESCENT  
2 AND 4 LAMP T8

## Features

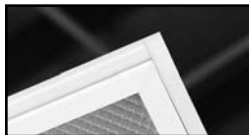
- Efficiency 87.1% (2-lamp)
- Designed for T8 technology
- 3" nominal depth
- Finish coat is high reflectance white baked enamel
- Hemmed edges for maximum safety
- One piece housing includes embossments that provide rigidity in design
- Integral hold down clips
- Mitered flush steel door frame (std.)
- Optional Flush Aluminum and Regressed Aluminum door frames (se Options)
- Fits 15/16", 1" and 9/16" T-Bar grid.



## FEATURES



BLANK - FS Static Flat Steel

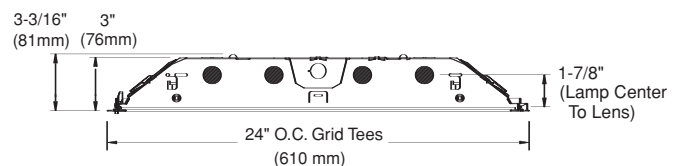
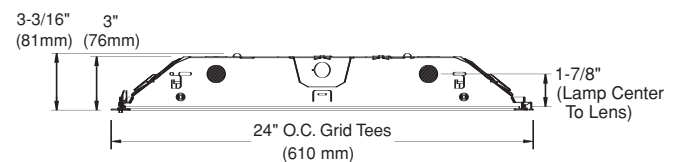


FA Static Flat Aluminum



RA Static Regressed Aluminum

## DIMENSIONS



## Job Information

## Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Volts/Ballast:**

C.F.I. A PRODUCT BRAND OF CANLYTE, INC.

525 EDUCATION ROAD, CORNWALL, ONTARIO, CANADA K6H 6C7 - (613) 938-6221

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RF-0220-06

**CFI** FLUORESCENT

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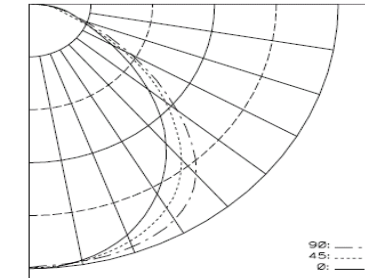
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2' X 4' SHALLOW SPECIFICATION GRADE  
RECESSED FLUORESCENT  
2 AND 4 LAMP T8

CERTIFIED TEST REPORT NO: F22916

CFI INDOOR 2X4 FLUORESCENT TROFFER CAT. NO. AA82GFSVA232120SO  
WITH WHITE PAINTED INTERIOR AND FLAT PRISMATIC K-12 LENS  
TWO 32W F32T8 T8 FLUORESCENT LAMPS LUMEN RATING: 2850 LUMENS  
ADVANCE 120V 2-LAMP ELECTRONIC BALLAST NO.- REL-2P32-SC

COEFFICIENTS OF UTILIZATION  
ZONAL CAVITY METHOD  
EFFECTIVE FLOOR CAVITY REFLECTANCE = .20



Zone	Par (0)	45	Nrm (90)	Zonal Lumens
0	1838	1838	1838	99
5	1841	1835	1827	173
10	1815	1821	1823	255
15	1774	1796	1818	330
20	1715	1761	1802	395
25	1631	1711	1778	449
30	1530	1643	1737	485
35	1411	1550	1667	497
40	1271	1416	1551	481
45	1111	1244	1373	441
50	931	1065	1154	381
55	747	872	931	305
60	572	653	709	229
65	430	445	514	168
70	329	289	361	125
75	260	201	251	92
80	193	156	176	61
85	102	94	94	
90	15	14	17	

Zone	LUMENS	%LAMP	%FIXTURE
(0-30)	1470	25.8	29.6
(0-40)	2433	42.7	49.0
(0-60)	4148	72.8	83.5
(0-90)	4965	87.1	100.0

CC WALL RCR	70	50	30	70	50	30	50	30
0	1.04	1.04	1.04	1.01	1.01	1.01	.96	.96
1	.94	.91	.88	.93	.89	.85	.85	.82
2	.86	.80	.75	.84	.79	.72	.76	.70
3	.80	.70	.64	.78	.69	.63	.67	.61
4	.72	.63	.56	.70	.61	.55	.59	.54
5	.67	.56	.48	.66	.56	.48	.54	.47
6	.61	.51	.44	.60	.50	.42	.48	.41
7	.57	.46	.39	.56	.46	.39	.44	.38
8	.54	.41	.34	.53	.41	.34	.40	.34
9	.50	.39	.32	.48	.38	.32	.36	.30
10	.46	.35	.28	.46	.34	.28	.34	.28

ANGLE	ALONG	45	ACROSS
45	2521	2823	3116
55	2090	2439	2604
65	1633	1690	1952
75	1612	1246	1556
85	1878	1731	1731

EFFICIENCY : 87.1%  
SC (ALONG) 1.2 SC (ACROSS) 1.4  
TEST DATE: 05/22/2002

DETERMINED IN ACCORDANCE WITH CURRENT IES PROCEDURES  
LUMINAIRE INPUT WATTS = 59  
LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE  
BALLAST FACTORS HAVE NOT BEEN APPLIED

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

## ORDERING INFORMATION

Explanation of Catalog Number. Example: AA82GFSVA43212004

<b>AA8</b> SHALLOW DESIGN TROFFER AA8	<b>2</b> LUMINAIRE WIDTH 2 = 24"	<b>G</b> CEILING TYPE G = Grid (lay-in-T Bar)	<b>FS</b> LENS FRAME FS = Flat steel frame RA = Regressed aluminum frame FA = Flat aluminum frame	<b>VA</b> LENS/SHIELDING TYPE VA = Pattern 12 .095" nominal VB = Pattern 12 .125" nominal KA = Pattern 19 .156" nominal AP = 1/2 x 1/2 x 1/2 parabolic silver acrylic	<b>4</b> LAMP QUANTITY 2 = 2-lamp 4 = 4-lamp	<b>32</b> LAMP TYPE 32 = T8 32watt	<b>120</b> VOLTAGE 120 = 120 volt 277 = 277 volt 347 = 347 volt UNV = Universal Voltage (120-277)	<b>04</b> BALLAST TYPE OC = T8 Magnetic Generic SO = 2-lamp T8 Electronic, Instant Start Generic THD<20% O4 = 4-lamp T8 Electronic, Instant Start Generic THD<20% RO = 2-lamp T8 Electronic, Rapid Start Generic THD<10% R4 = 4-lamp T8 Electronic, Rapid Start Generic THD<10%	<b>Options</b> (Add appropriate suffix)
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## OPTIONS & ACCESSORIES

### LENSES / SHEILDING.

VA PATTERN 12 .095" NOMINAL

VB PATTERN 12 .125" NOMINAL

KA PATTERN 19 .156" NOMINAL

AP 1/2 X 1/2 X 1/2 ACRYLIC LOUVER

DRYWALL KIT: For plaster frames order Cat. No: FK92X4.

INTERNAL INTERFERENCE FILTER: Suffix: F.

EMERGENCY LIGHTING SYSTEM: Emergency battery consult factory

RADIO INTERFERENCE FILTER: 120, 277 or 347 volt, 50 or 60HZ Suffix: R.

BALLAST OPTIONS: For other ballast options, consult factory

## SPECIFICATIONS

**MATERIALS:** Chassis parts are die-formed code gauge cold rolled steel.

**Housing** is embossed for added strength and rigidity with all edges rolled over for safe handling. **Lens frame**—flat full-size steel frame.

**FINISH:** Housing is multi-stage phosphate treated for maximum corrosion resistance and finish coat reflectance is high reflectance & baked white enamel.

**LENS:** Extruded virgin acrylic 3/16" square based female cones, running 45deg to the panel edge, .095" nominal thickness similar to pattern 12.

**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 90deg.

**LABELS:** Listed for CSA.

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## Type:

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