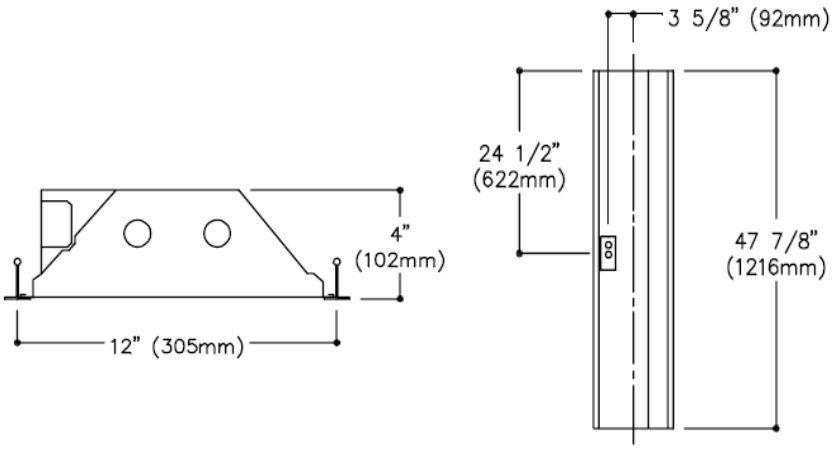
Troffer **AA248**

1x4 Recessed Fluorescent, Full Size Lens Frame, Static 1 or 2 Lamp T8



Ordering Information

Explanation of Catalogue Number. Example: **AA248-UNVHIVA**

AA		48	—					—		
Family Name	**Lamp Quantity**	**Nominal Length**		**Voltage**	**Ballast Type**	**Shielding**			**Door Frame**	**Option Code**
AA Troffer	**1** = 1 Lamp **2** = 2 Lamp	**48** = 48"		**120 =** 120V **UNV** = 120V-277V **347** = 347V	**HI** = T8 Electronic I.S. THD<10% **RO** = T8 Electronic R.S. THD<10% **SO** = T8 Electronic I.S. THD<20%	**VA** = 0.095" **VB** = 0.125" Pattern 12 Acrylic lens			**Blank** = Flush steel **RA** = Regressed Aluminum	

Features

- Efficiency at 70.7%
- Shallow 4" depth
- One Piece body
- Flush steel full size lens frame
- Regressed extruded aluminum lens frame (optional)
- Cam-action latches
- Twin Knockout access plate for easy closed lens frame wiring
- Hold-Down clips ordered separately
- Luminaire side rails with rolled-over edges for maximum safety
- Suitable for row mounting

Shielding Options

VB: Prismatic lens .125" nominal thickness – Pattern 12
VY: Prismatic lens .130" nominal thickness – Pattern 12
KA: Prismatic lens .156" nominal thickness – Pattern 19
AP: ½ " x ½ " x ½" silver acrylic parabolic louver
SA: 1 ½" x 1 ½" x 7/8" silver acrylic parabolic louver

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

CFI
525 Education Road, Cornwall, Ontario K6H 6C7 • Phone (613) 938-6221• Fax (613) 938-0961

Canlyte
3015 Louis-Amos, Lachine Quebec H8T 1C4 • Phone (514) 636-0670 • Fax (514) 636-0460
www.canlyte.com
R-05/10

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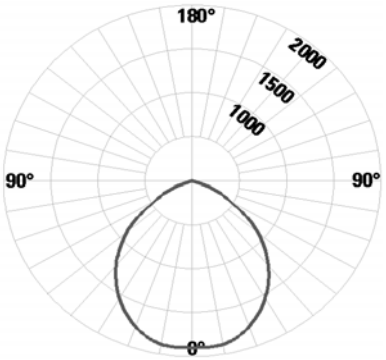
Performance

CANDLEPOWER CURVE



Report No: LSC6248
Cat. No: AA248-UNVHIVA
Lamps/Lumens: 2 F32T8 Lamps at 3050 Lumens
Efficiency: 70.7%
Candela at Nadir: 1929

CANDLEPOWER

ZONE / DEG	ALONG	22.5	45	67.5	ACROSS
0	1929	1929	1929	1929	1929
5	1921	1918	1930	1930	1916
10	1902	1892	1918	1913	1909
15	1856	1861	1876	1886	1875
20	1809	1803	1821	1832	1826
25	1718	1716	1745	1755	1753
30	1614	1622	4656	1657	1657
35	1475	1477	1507	1498	1482
40	1295	1297	1318	1289	1267
45	1077	1074	1076	1030	1010
50	834	836	840	773	741
55	593	616	608	558	522
60	418	442	428	397	377
65	303	311	275	298	276
70	235	228	174	221	223
75	203	175	136	164	187
80	152	117	112	118	127
85	62	62	60	55	57
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD *EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

	80				70				50		
Wall Reflectance											
	70	50	30	10	70	50	30	10	50	30	10
0	.84	.84	.84	.84	.82	.82	.82	.82	.79	.79	.79
1	.76	.76	.73	.71	.77	.74	.72	.70	.71	.69	.68
2	.73	.68	.64	.60	.71	.67	.63	.60	.64	.61	.58
3	.67	.61	.56	.52	.66	.60	.56	.52	.58	.54	.51
4	.62	.55	.50	.46	.61	.54	.49	.45	.53	.48	.45
5	.58	.50	.44	.40	.56	.49	.43	.40	.47	.43	.39
6	.53	.45	.39	.35	.52	.44	.39	.35	.43	.38	.35
7	.49	.41	.35	.31	.48	.40	.35	.31	.39	.34	.31
8	.46	.37	.31	.27	.45	.36	.31	.27	.35	.30	.27
9	.42	.33	.28	.24	.41	.33	.28	.24	.32	.27	.24
10	.39	.30	.25	.21	.38	.30	.25	.21	.29	.24	.21

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 54.6

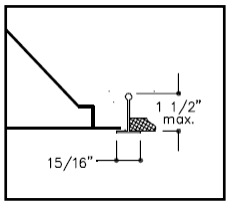
DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1511	24.78	35.03
0-40	2437	39.95	56.48
0-60	3779	61.95	87.57
0-90	4315	70.74	100
40-90	1878	30.79	43.52
60-90	536	8.79	12.43
90-180	0	0	0
0-180	4315	70.74	100

Options/Accessories

Emergency Power Pack: Factory installed emergency power pack includes charger and inverter concealed in fixture channel. Upon loss of AC power, operates one lamp at high lumen output for a period of 90 minutes. For 347v. Consult Factory.
Suffix: **E** (std. Bodine LP600 **O** B100-CAN for T8 lamps).
Electrical Wiring Options: Consult factory.
Drywall Kit: For plaster frames order Cat. No. **FK91X4**
Radio Interference Filter: UNV or 347V Suffix **R**.
Hold Down Clip: Clip required for AA1X4 models only Cat. No**. AA14-HD**

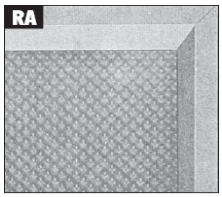
Specifications
Materials: Chassis parts are die-formed code gauge cold rolled steel.
Finish: Chassis exterior - white baked polyester enamel.
Cavity – white baked polyester enamel minimum 84% reflectance.
Phosphate undercoating.
Lens Extruded virgin acrylic 3/16" square based female cones, running 45deg. to the panel edge, 0.095" nominal thickness (similar to pattern 12)
Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.
Labels: cCSAus



G - Exposed T-Grid ceiling

Hemmed edges for safe handling

End cap hold down clip – ordered separately



Regressed aluminum door frame

Job Information **Type:**

CFI
525 Education Road, Cornwall, Ontario K6H 6C7 • (613) 938-6221 • (613) 938-0961
We reserve the right to change details of design, materials and finish.
 • **AA248.PDF**

Canlyte www.canlyte.com
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R-05/10