



Project: _____
 Location: _____
 Cat. #: _____
 Type: _____
 Quantity: _____

LED

ETL 24 | LED Lensed Troffer

Features:

- High performance LED technology
- 0-10V dimming drivers standard
- Field replaceable LED boards and drivers
- Multiple shielding options optimized to balance efficiency and aesthetics
- Available in multiple lumen output packages for maximum flexibility

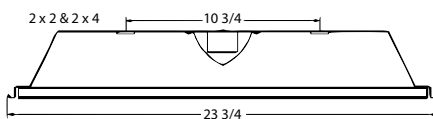
Applications:

Suitable for most commercial and institutional applications

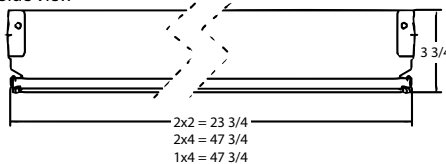
- Office
- Retail
- Classrooms
- Healthcare Facilities

Schematic:

Cross Section



Side View



Construction:

- Die-formed heavy-gauge cold rolled steel
- LED tray is precision brake formed from aluminum
- White enamel finish

Certifications:

- UL 1598 listed for US and Canada, suitable for damp locations
- DesignLights Consortium qualified on specific configurations (refer to DLC qualified products list for exact model numbers) <http://designlights.org/>



Predicted L70 Lifetime:

- Up to 189,000 hrs (calculated)
(L70 information for specific configurations available upon request)
- For BAA compliant configurations - up to 189,000 hrs (calculated)

Warranty:

- 5 year limited system warranty
- See www.LumenFocus.com for complete warranty terms and conditions



Powered by:



EVERLINE
LED Technology



Ordering Guide:

example: ETL 24 LW UV A12 840 W6

Series	Size	Output	Voltage	Shielding	CRI/CCT	Controls	Options
ETL	24						
ETL	24 2' x 4'	VL Very Low	UV 120-277	A12 Pattern 12 Prismatic Acrylic Lens	835 80 CRI/3500K	Blank No Controls	Blank No Options
		LW Low	34 347V	PW Pattern 12 Prismatic Acrylic Lens	840 80 CRI/4000K	ZOSM Microwave Occupancy Sensor	EXT10 10-Year Extended Warranty ⁽¹⁾
		MD Medium		A23F Frosted High Efficiency Pattern 23 Acrylic Lens	850 80 CRI/5000K	ZOSMD 0-10V Dimming Microwave Occupancy Sensor	W6 6' Whip
		HI High					EM Emergency Pack ⁽²⁾
		VH Very High					F Fuse
		SH Super High					GC Grid Clip
							RLY Relay
							SC Safety Cable
							LVL 0-10V Dimming Leads for Easy Field Access
							BAA Buy American Act Compliant

Notes

⁽¹⁾ Not available on all models. Certain conditions apply. Consult factory or sales representative for details.

⁽²⁾ Up to 12W (120-277V / 0°C-50°C ambient)

Performance Chart:

Catalog #	Lumens	Watts	LPW	Catalog #	Lumens	Watts	LPW	Catalog #	Lumens	Watts	LPW
ETL 24 VL UV A12 835	3399	26	130.7	ETL 24 VL UV A12 840	3504	26	134.8	ETL 24 VL UV A12 850	3609	26	138.8
ETL 24 LW UV A12 835	3819	30	127.3	ETL 24 LW UV A12 840	3937	30	131.2	ETL 24 LW UV A12 850	4056	30	135.2
ETL 24 MD UV A12 835	5241	44	119.1	ETL 24 MD UV A12 840	5403	44	122.8	ETL 24 MD UV A12 850	5565	44	126.5
ETL 24 HI UV A12 835	6197	55	112.7	ETL 24 HI UV A12 840	6388	55	116.2	ETL 24 HI UV A12 850	6580	55	119.6
ETL 24 VH UV A12 835	6873	64	107.4	ETL 24 VH UV A12 840	7086	64	110.7	ETL 24 VH UV A12 850	7299	64	114.0
ETL 24 SH UV A12 835	8859	67	131.6	ETL 24 SH UV A12 840	9133	67	135.7	ETL 24 SH UV A12 850	9407	67	139.8

LUMENFOCUS Re-boardABILITY

The ETL features field replaceable boards and drivers. This allows you to upgrade to more efficient technology in the future. Or, in the rare event of a failure, you can rapidly replace defective components. Re-boardABILITY helps to ensure you won't get stuck with an obsolete light fixture. [Learn more about Re-boardABILITY here.](#)



Photometric Data:

ETL 24 SH UV A12 850

Test No.: LLIA000673-001

Luminaire Lumens: 9,407 lm

Luminaire Watts: 67.3W

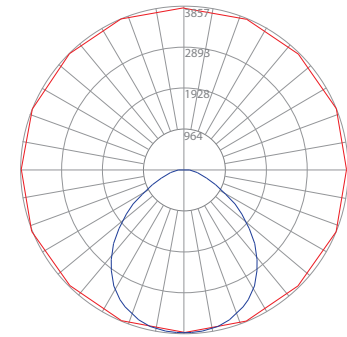
Efficacy: 139.8 LPW

Spacing Criterion (0-180): 1.26

Spacing Criterion (90-270): 1.24

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4998	5031	5072
55	3984	4086	4195
65	3083	2812	3139
75	2617	2199	2956
85	3038	3269	4097



Coefficients Of Utilization - Zonal Cavity Method Effective Floor Cavity Reflectance 0.20

RC		80				70					50				30			
RW		70	50	30	10		70	50	30	10		50	30	10		50	30	10
0		119	119	119	119		116	116	116	116		111	111	111		106	106	106
1		109	105	101	97		107	103	99	96		98	95	93		95	92	90
2		100	93	86	81		98	91	85	80		87	82	78		84	80	76
3		92	82	74	68		90	81	73	68		78	72	67		75	70	65
4		85	73	65	59		83	72	64	58		70	63	58		67	61	57
5		78	66	57	51		76	65	57	51		63	56	50		61	55	50
6		72	60	51	45		71	59	51	45		57	50	44		55	49	44
7		67	54	46	40		66	54	46	40		52	45	40		51	44	39
8		63	50	42	36		61	49	41	36		48	41	36		47	40	35
9		59	46	38	33		57	45	38	32		44	37	32		43	37	32
10		55	42	35	30		54	42	34	30		41	34	29		40	34	29

Tested in accordance with IES standards utilizing absolute photometry per LM-79-08

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20	1408.51	15.00
0-30	2987.79	31.80
0-40	4837.54	51.40
0-60	7933.27	84.30
0-80	9199.35	97.80
0-90	9402.18	99.90
90-120	4.95	0.10
90-130	4.95	0.10
90-150	4.95	0.10
90-180	4.95	0.10
0-180	9407.14	100.00

