



Catalog # : _____ Project : _____

Prepared By : _____ Date : _____

XRT44

4x4 Recessed Troffer



FEATURES & SPECIFICATIONS

Optical System

- Available in 3500K, 4000K, and 5000K
- Minimum CRI of 80
- Impact-resistant diffuse acrylic lens

Electrical

- 0-10V dimming (10%-100%) standard
- Standard Universal Voltage (120-277 VAC) Input 50/60Hz
- L70 Calculated Life: >60k hours
- L90 Calculated Life: >60K hours
- Total Harmonic distortion: <20%
- Operating Temperature -40C to +40C (-40F to +104F)
- Optional 16W battery backup available
- Power factor: >.90

Construction

- Formed steel housing, gloss white finish powdercoated after fabrication
- 12" galvanized steel driver box for standard units
- 26" galvanized steel driver box for optional battery backup units
- Shipping weight: 70 lbs (Battery Backup version)

Installation

- Recessed mounted into T-bar application with cable reinforcement
- Driver box is shipped mounted to the side of the fixture and should be disconnected, wired, and can then be easily mounted with two screws to the top of the fixture when it is in the ceiling.

Warranty

- Complete warranty terms located at: <https://www.lsi-industries.com/resources/terms-and-warranty.aspx>.
- 1 Year warranty on optional Battery Backup. Test regularly in accordance with local codes.

Listings

- List for UL 1598 and UL 8750
- RoHS Compliant
- Suitable for damp locations
- BAA/TAA compliant

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: **XRT44 LED 8L UNV DIM 40**

Family	LED Gen	Lumen Package	Voltage	Driver	CCT	Color Rendering	Options
XRT44	LED	6L - 6,000 Lumens	UNV - Universal Voltage (120V-277V) HV - High Voltage (347-480V)	DIM - Dims to 10% (0-10v dimming)	35 - 3500K 40 - 4000K 50 - 5000K	Standard - 80 CRI	EM16 - 16W Emergency Backup
		8L - 8,000 Lumens					
		10L - 10,000 Lumens					
		12L - 12,000 Lumens					





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PERFORMANCE

DELIVERED LUMENS							
Lumen Package	3500K CCT		4000K CCT		5000K CCT		Wattage
	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
6L	5658	118	6087	131	6120	129	47
8L	7079	120	8083	138	7625	131	59
10L	8735	120	10047	140	9393	130	72
12L	11346	120	12043	128	12207	129	94
14L	12505	118	13123	125	13585	128	106

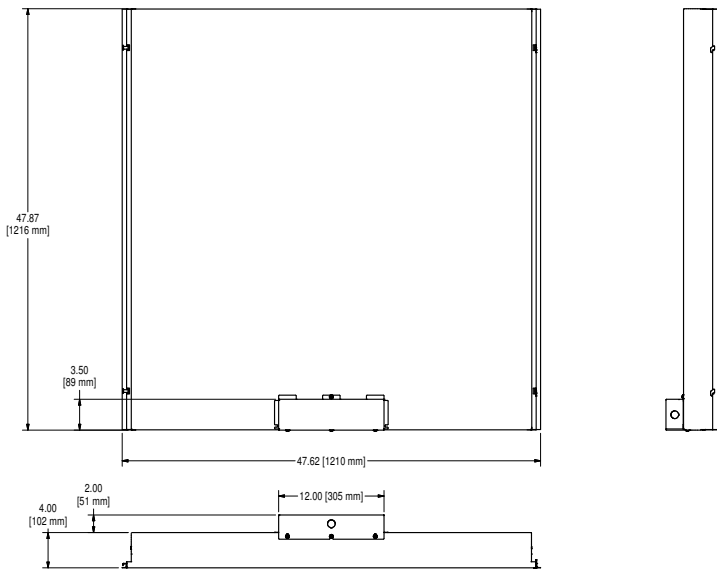
*LED Chips are frequently updated therefore values are nominal

ELECTRICAL DATA (Amps)*						
Lumen Package	Wattage	120V	208V	240V	277V	
6L	47	0.39	0.23	0.2	0.17	
8L	59	0.49	0.28	0.25	0.21	
10L	72	0.6	0.35	0.3	0.26	
12L	94	0.78	0.45	0.39	0.34	
14L	94	0.88	0.51	0.44	0.38	

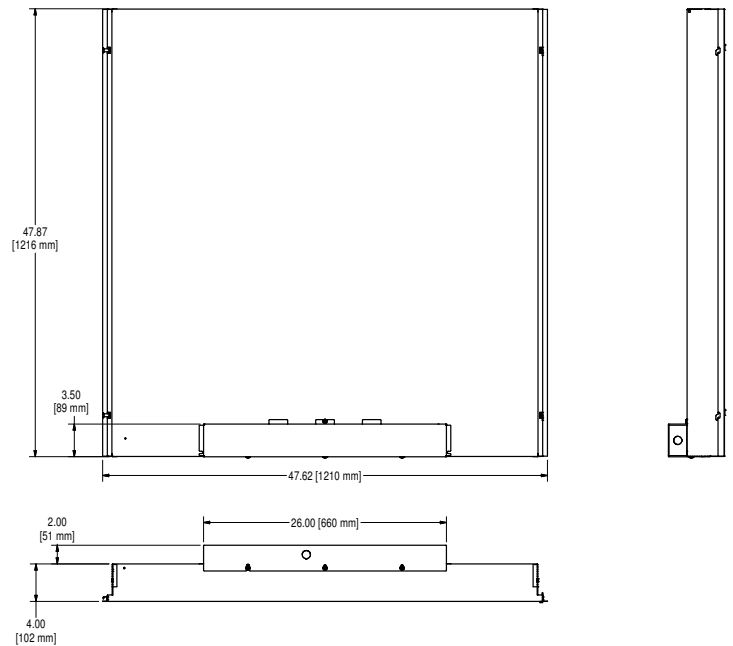
*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

PRODUCT DIMENSIONS

Standard Unit



Unit with Emergency Driver



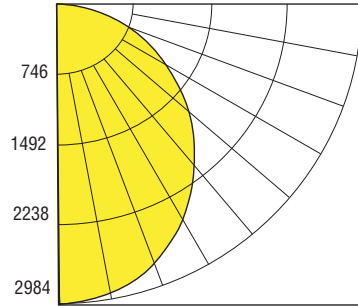


Photometrics

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

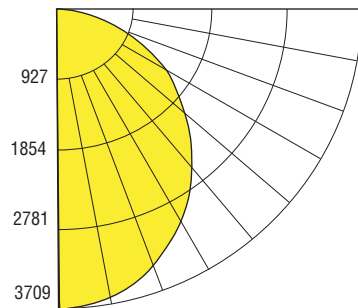
See <http://www.lsi-industries.com/products/led-lighting-solutions.aspx> for detailed photometric data.

XRT44 LED 8L 40



ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-20	1,087.29	13.50
0-30	2,289.21	28.30
0-40	3,708.71	45.90
0-60	6,433.97	79.60
0-80	7,951.18	98.40
0-90	8,083.5	100.00
10-90	7,800.94	96.50
20-40	2,621.42	32.40
20-50	4,063.47	50.30
40-70	3,695.66	45.70
60-80	1517.2	18.80
70-80	546.81	6.80
80-90	132.32	1.60
90-110	0.00	0.00
90-120	0.00	0.00
90-130	0.00	0.00
90-150	0.00	0.00
90-180	0.00	0.00
110-180	0.00	0.00
0-180	8,083.5	100.00

XRT44 LED 10L 40



ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-20	1,351.41	13.50
0-30	2,845.29	28.30
0-40	4,609.61	45.90
0-60	7,996.88	79.60
0-80	9,882.64	98.40
0-90	10,047.1	100.00
10-90	9,695.9	96.50
20-40	3,258.2	32.40
20-50	5,050.54	50.30
40-70	4,593.39	45.70
60-80	1,885.75	18.80
70-80	679.64	6.80
80-90	164.46	1.60
90-110	0.00	0.00
90-120	0.00	0.00
90-130	0.00	0.00
90-150	0.00	0.00
90-180	0.00	0.00
110-180	0.00	0.00
0-180	10,047.1	100.00

