



**FEATURES**

- Housing depth of only 1½" – no taller than standard T-bar
- Does not intrude into usable plenum space
- Unique telescoping housing minimizes installation depth and simplifies installation
- Long-life, 60,000 hour LEDs at L80 (80% lumen maintenance) reduce life cycle maintenance costs
- Four LED color choices
- Eight lumen packages ranging from 2600 to 9100 nominal lumens at up to 112 lumens per watt
- Superior color consistency to a 3-step MacAdam ellipse and 82 CRI
- Soft, uniform light distribution provides excellent vertical illumination free from harsh contrast
- Surface mount depth only 1⅞". Using an enclosing shell that combines with standard LZPT recessed fixtures, the surface mount housing can be ordered with the fixture or separately
- QR code traceability
- DLC® (DesignLights Consortium) Qualified - see [www.designlights.org](http://www.designlights.org)
- Five year warranty (Terms and Conditions apply)

**PROJECT INFORMATION**

Project Name \_\_\_\_\_

Type \_\_\_\_\_

Catalog No. \_\_\_\_\_

Date \_\_\_\_\_

**CONSTRUCTION**

Luminaire housing and end caps are die formed code gauge cold rolled steel. Acrylic lens (LSR) features soft curvature for an architectural appearance.

**FINISH**

White painted parts are treated with a five stage phosphate bonding process and finished after fabrication with a minimum 90% reflective gloss baked enamel.

**CEILING COMPATIBILITY**

Luminaire is available to fit most standard ceiling types. NEC-compliant T-bar clips supplied with all grid trim fixtures. See ceiling details on reverse. For hard ceilings order G trim and FK flange accessory. Assemble then support FK accessory at ceiling plane using tie wires (by others). For ⅝" wide ceiling tees order ⅝" G kit accessory to trim fixture corners. For Surface Mount order SM trim option or G trim with accessory surface mounting kit. Finished depth of surface mounted fixture is 1⅞". Wiring access for surface fixtures from back of fixture only. Not suitable for end-to-end mounting.

**INSTALLATION**

Unique telescoping housing is 1½" deep allowing installation in extremely shallow plenums. Housing is formed in two interlocking sections compressed narrower than the T-bar opening to simplify handling and reduce the depth required for installation to 3" required at one end of the fixture only. Once the fixture is in place in the T-bar opening the installer slides the two portions to full width. Tabbed design automatically locks the fixture to full width. An access plate is furnished with each luminaire for fast wiring access. No need to open fixture.

**CERTIFICATION**

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate CSA labels. Damp location is standard. Emergency-equipped fixtures labeled and CSA certified to UL 924 and Dry Location unless specified. Adheres to LM79, LM80 and TM21 industry standards. IC rating is standard on all models (except with thru wiring). DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org).

**WARRANTY**

Five year warranty (Terms and Conditions apply).

**ORDERING INFORMATION**

**EXAMPLE LZPT24-30LWG-LSRRS-EDU-GLR**

<b>LZPT 24 -</b>		<b>- LSR</b>		<b>S -</b>		<b>-</b>	
<b>MODEL</b>	<b>COLOR TEMP</b>	<b>LUMEN OUTPUT</b>	<b>SHIELDING</b>	<b>REFLECTOR</b>	<b>DRIVER</b>	<b>OPTIONS</b>	
LZPT Zero Plenum® LED Troffer	30 3000K 35 3500K 40 4000K 50 5000K	XW Extra Low Watt VW Very Low Watt MW Medium Low Watt LW Low Watt ML Medium Lumen HL High Lumen VL Very High Lumen XL Extra High Lumen <i>See Product Availability Table below.</i>	LSR Linear Prismatic Lens with Surface Relief Diffuser	S Smooth Curve	E Fixed Output ESD Step Dimming <sup>2,3</sup> ED 0-10V Dimming ED1 0-10V 1% Dimming LUTH Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology <sup>2,3</sup> LUTS 5-Series EcoSystem LED driver <sup>2,3</sup>	GLR Fast Blow Fuse GMF Slow Blow Fuse 4TB (4) Bulk T-bar Clips C38890 3-Wire Flex, 90° Connector C48890 4-Wire Flex, 90° Connector C58890 5-Wire Flex, 90° Connector ELL14 Emergency Battery Pack Installed, 1400 Lumens <sup>2</sup> CP Chicago Plenum	
<b>SIZE</b>		<b>CEILING TYPE</b>		<b>VOLTAGE</b>			
24 2' x 4'		G Grid Lay-in SM Surface Mount <sup>1</sup>		U 120V-277V 347 347V			

<sup>1</sup> LZPT may be ordered as a factory assembled surface mounted unit or ordered as a grid "G" ceiling type and surface mounted in the field using the ZPTSMK surface mounting kit. Not suitable for continuous row mounting.

<sup>2</sup> N/A on HL, VL, and XL lumen packages.

<sup>3</sup> Not available in 347V

PRODUCT AVAILABILITY			
Lumen Package	Nominal Lumens	Watts	Lumens Per Watt
XW	2600-2800	25	100-108
VW	3300-3600	33	100-109
MW	3900-4250	38	103-112
LW	4350-4700	43	101-109
ML	4900-5300	48	102-110
HL	5500-6000	57	97-105
VL	7200-7850	77	94-102
XL	8400-9100	92	91-99

Nominal lumen range represents 3000K through 5000K. Lumens vary according to color temperatures and other factors. See specific photometric test(s).

**ACCESSORIES (ORDER SEPARATELY)**

- ZPTSMK24 LZPT Surface Mounting Kit (2' x 4')<sup>1</sup>
- FK24 2' x 4' Flange Kit
- ZPT4 ⅝" G Grid Filler Kit (for use in ⅝" wide tee ceilings)

Protected by US Patents 7,234,832 B2; 7,413,323 B2; 7,390,111 B2.  
Protected by China Patents ZL200610058339.2; ZL200610058340.5.  
Protected by Mexico Patents 263914; 264402.  
Protected by Canada Patents 2,537,985; 2,538,201.  
Specifications subject to change without notice.

**PHOTOMETRIC DATA**

Test LZPT24-35LWG-LSRS-EU Test Date 1/19/2016

**LUMINAIRE DATA**

Luminaire	LZPT24-35LWG-LSRS-EU LZPT LED Zero Plenum Troffer, Recessed Architectural 2 x 4 LED with frosted linear prismed lens
Ballast	D10CC55UNVTZ-C
Ballast Factor	1.00
Lamp	LED
Fixture Lumens	4516
Watts	42.50
Mounting	Recessed
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.25 90° = 1.50
Luminous Opening in Feet	Length: 3.93 Width: 1.89 Height: 0.00

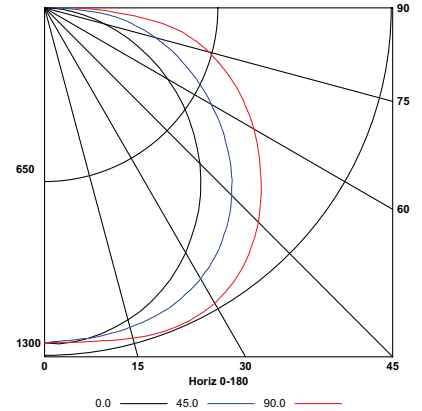
**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Lamp	% Fixt.
0-30	1026	22.7	22.7
0-40	1727	38.3	38.3
0-60	3215	71.2	71.2
0-90	4516	100.0	100.0
0-180	4516	100.0	100.0

**ENERGY DATA**

Total Luminaire Efficiency	100.0%
Total Lumens per Watt	106
IESNA RP-1-2004 Compliance	Non-Compliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.22 based on 3000 hrs. and \$0.08 per KWH

**INDOOR CANDELA PLOT**



Test LZPT24-35MLG-LSRS-EU Test Date 1/19/2016

**LUMINAIRE DATA**

Luminaire	LZPT24-35MLG-LSRS-EU LZPT LED Zero Plenum Troffer, Recessed Architectural 2 x 4 LED with frosted linear prismed lens
Ballast	D10CC55UNVTZ-C
Ballast Factor	1.00
Lamp	LED
Fixture Lumens	5061
Watts	48.00
Mounting	Recessed
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.25 90° = 1.50
Luminous Opening in Feet	Length: 3.93 Width: 1.89 Height: 0.00

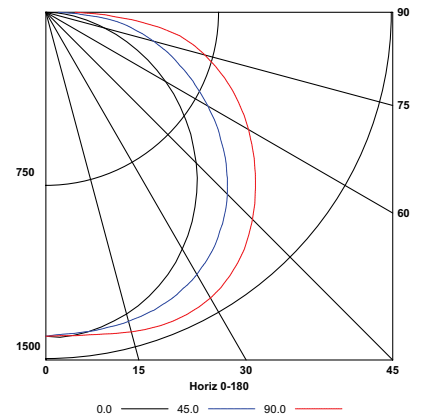
**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Lamp	% Fixt.
0-30	1149	22.7	22.7
0-40	1934	38.2	38.2
0-60	3603	71.2	71.2
0-90	5061	100.0	100.0
0-180	5061	100.0	100.0

**ENERGY DATA**

Total Luminaire Efficiency	100.0%
Total Lumens per Watt	105
IESNA RP-1-2004 Compliance	Non-Compliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.29 based on 3000 hrs. and \$0.08 per KWH

**INDOOR CANDELA PLOT**



Test LZPT24-35HLG-LSRS-EU Test Date 1/20/2016

**LUMINAIRE DATA**

Luminaire	LZPT24-35HLG-LSRS-EU LZPT LED Zero Plenum Troffer, Recessed Architectural 2 x 4 LED with frosted linear prismed lens
Ballast	D10CC55UNVTZ-C
Ballast Factor	1.00
Lamp	LED
Fixture Lumens	5706
Watts	56.60
Mounting	Recessed
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.25 90° = 1.51
Luminous Opening in Feet	Length: 3.68 Width: 1.89 Height: 0.00

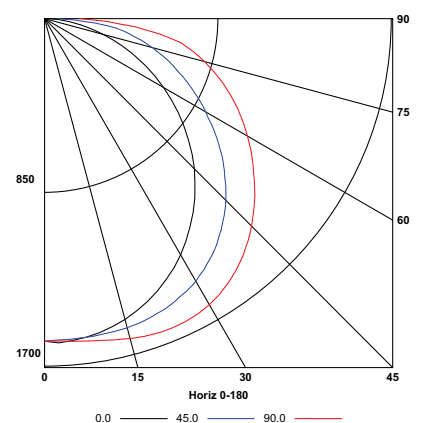
**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Lamp	% Fixt.
0-30	1298	22.7	22.7
0-40	2184	38.3	38.3
0-60	4065	71.2	71.2
0-90	5706	100.0	100.0
0-180	5706	100.0	100.0

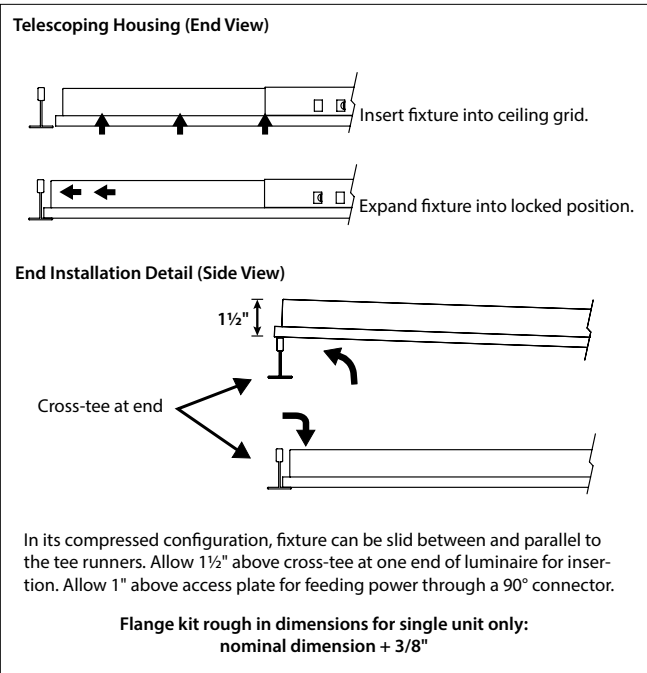
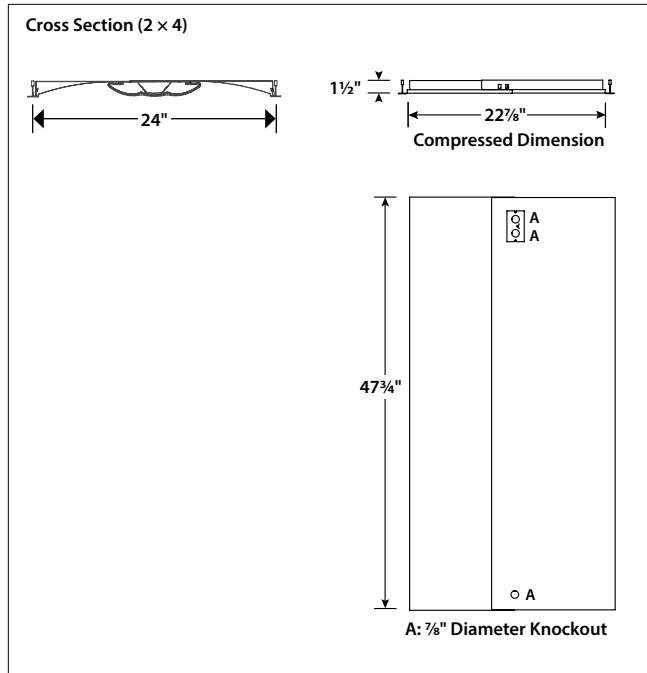
**ENERGY DATA**

Total Luminaire Efficiency	100.0%
Total Lumens per Watt	101
IESNA RP-1-2004 Compliance	Non-Compliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.40 based on 3000 hrs. and \$0.08 per KWH

**INDOOR CANDELA PLOT**



**DIMENSIONAL DATA**



**NOTE:** All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.