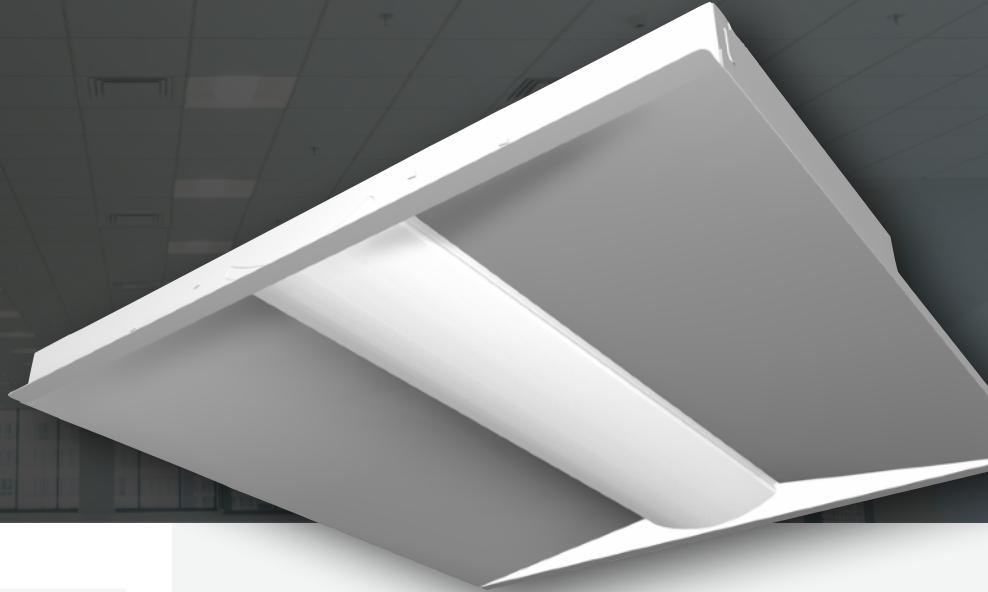


plano **ARCH**

LPVT | select**ARCH**

Product Data Sheet



COMMERCIAL-GRADE

Linear Troffer

2x2 | 2x4



Product Overview

The LPVT select**ARCH**-Series center-basket troffer features modern architectural grade design and integrated switches to easily select between 3-wattage and 3-CCT settings.

Featuring seamless light distribution that is superior to competing stamped metal troffer, the LPVT-Series replaces all your office area lighting needs.

ARCHIPELAGO luminaires and LED components has been tested by independent laboratory in accordance to IESNA LM79 and LM80. LED color temperature is warranted to shift no more than 180K over the standard warranty period. Furthermore, the range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Product Warranty*



7-Year Warranty



75,000 Hrs

* Standard warranty. Extended warranty available.

Applications



Office Space



School



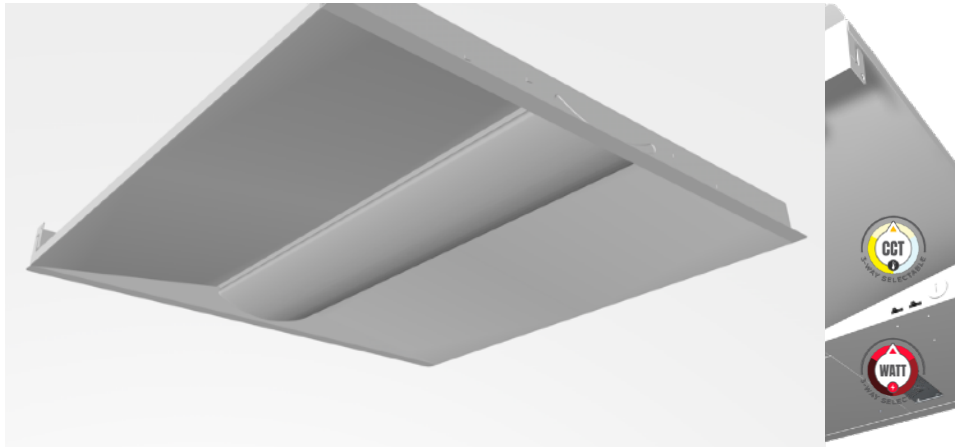
Hospitals



Commercial Buildings

Main Features

- Light-Body Aluminum Material
- All-in-One Lighting Solution for Center Basket Troffer
- Selectable Wattage and CCT Through Driver-Based Dip-Switches
- Easy Installation w/ Lay-In Ready and Built-In Seismic Hooks
- Microchip Programed Light-Engine for Consistent CCT
- High-Density LED Chips for Uniform Light Output
- 7-Year, 75,000Hr Warranty
- UL Damp Location Listed
- DLC Standard Listed



Project Details

Project Name:

Fixture Schedule:

Project Number:

Notes:

Model Specifications

Model	Watt (W)	Lumens (LM)	Voltage (V)	CCTselect	LPW
LPVT22	25W	3,225LM	120-277V	3500K / 4000K / 5000K /	129LM/W
	30W	3,890LM			127LM/W
	35W	4,410LM			126LM/W
LPVT24	40W	4,910LM			128LM/W
	45W	5,460LM			127LM/W
	50W	6,275LM			126LM/W

Key Specifications

- **LED Chip:** Samsung 2835, LM80, IP-Protected
- **Housing:** Durable Aluminum
- **Operating Temp:** -15°F — 150°F
- **IP:** IP40 Indoor Damp Location
- **Input Voltage:** 120-277V
- **PF:** >0.9 Non-Flicker
- **Efficacy:** 130LM/W
- **Dimming:** 0-10V
- **THD:** <15%
- **CRI:** >80

Certifications



Ordering Guide

Model Series	Size (FT)	Watt (W)	CCT (K)	Motion Sensor	EM Driver
LPVT LED Volumetric Center-Basket Troffer	22 2x2	-xx WATTselect: 25 25W 30 30W 35 35W	-S3 CCTselect: 3500K 4000K 5000K	Blank None -H1 Microwave -SB1 BTLE	Blank None -EM08 8W -EM15 15W
	24 2x4	-xx WATTselect: 40 40W 45 45W 50 50W			

Ordering number example:

LPVT24-xx-S3-SB1-EM08

Please place dashes (-) in correct order.

Choose your model specifications:

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Model Series

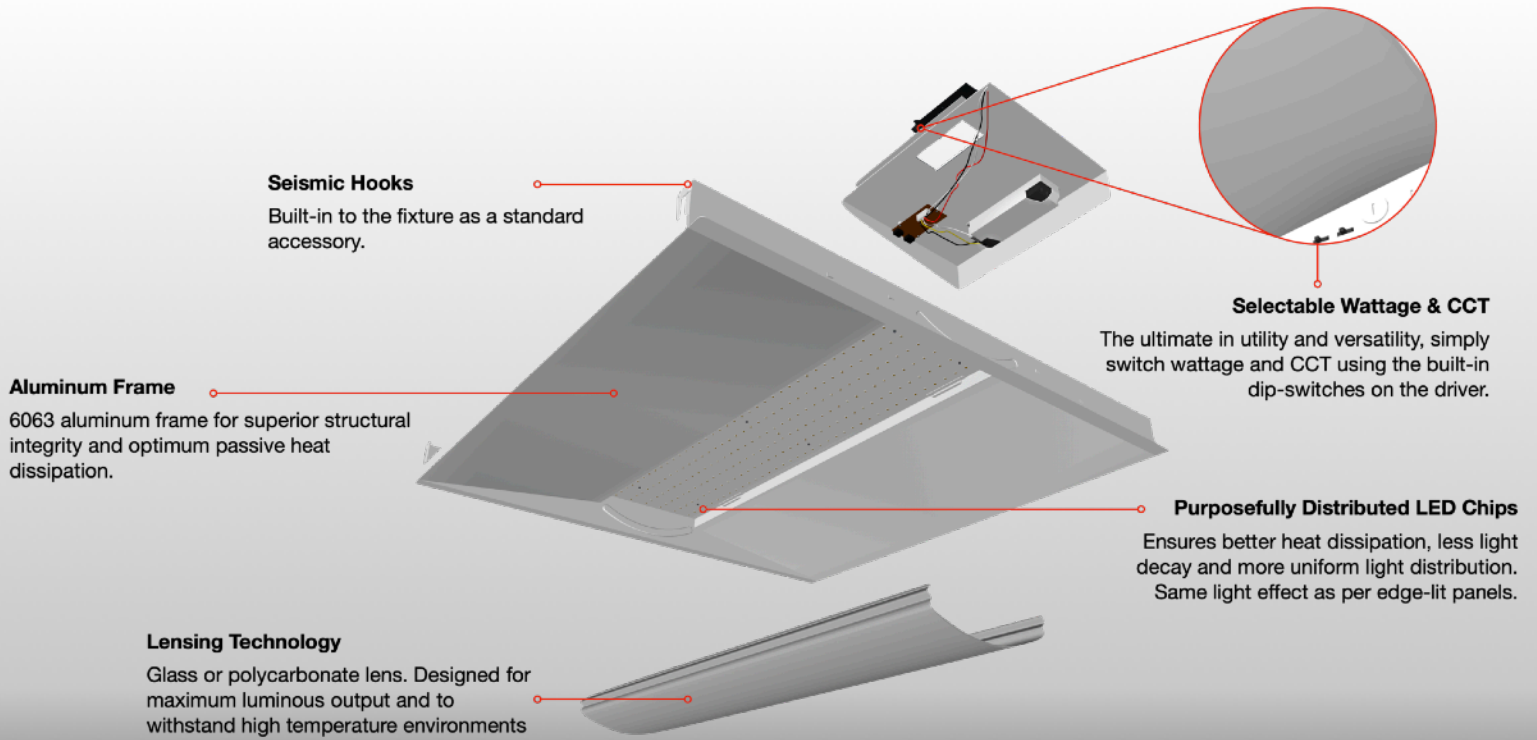
Size

WATTselect

CCTselect

Sensor

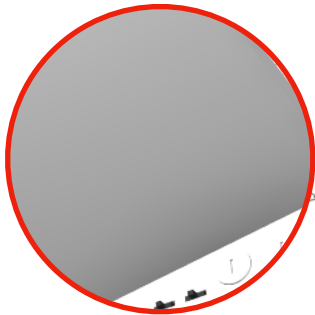
EM



Sizing & Measurements

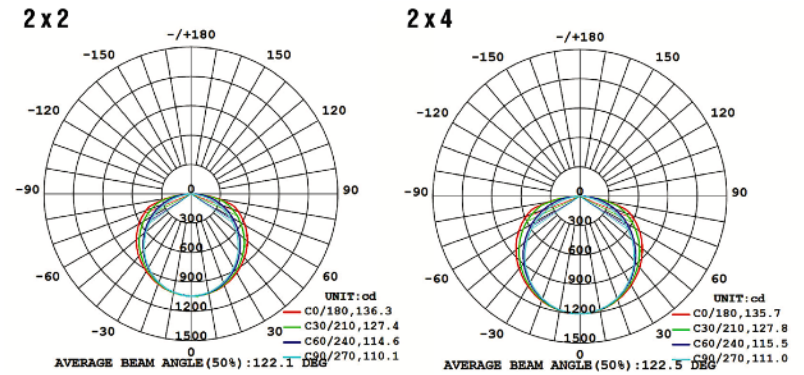
Model Series	Width (in)	Length (in)	Depth (in)	Weight (lb)	
LPVT22	3.0	24.0	24.0	5.1	
LPVT24	3.0	24.0	48.0	8.6	

Power & CCT Control



Dip-Switch WATTselect & CCTselect

Photometric



Physical Features

Selectable Wattage + CCT	<ul style="list-style-type: none"> Built-in driver-based microprocessor is programmed to deliver consistent power output and precise color temperature. This level of precision allows us to provide project-based custom CCT panels.
Efficient Heat Dissipation	<ul style="list-style-type: none"> SMD chip printing is engineered for optimum passive heat dissipation to provide longer lifespan and ensure minimum light decay.
Intelligent Driver	<ul style="list-style-type: none"> Uniquely intelligent and reliable, the driver is engineered from the ground up to provide integrated safety features such as short-circuit overload protection, low-voltage prevention, non-stroboscopic, and high efficiency electrical conversion (PF>0.9). It is completely insulated from the structure of the panel to ensure isolated thermal effects from prolonged use.

blueARCH enABLED

DLC Model Guide





Product ID	Model No.	DLC	Controls	Lumen	Efficacy	CCT	THD	PF
PJ0IY5LV	LPVT22-25-S3	Standard	Yes	3,225LM	129LM/W	3500K — 5000K	12.9%	0.9
PXQGFBXX	LPVT22-30-S3	Standard	Yes	3,892LM	127LM/W	3500K — 5000K	13.6%	0.9
PL2SBRM0	LPVT22-35-S3	Standard	Yes	4,410LM	126LM/W	3500K — 5000K	15.2%	0.9
P3XZP4FL	LPVT24-40-S3	Standard	Yes	4,907LM	128LM/W	3500K — 5000K	11.1%	0.9
PC6BNOVE	LPVT24-45-S3	Standard	Yes	5,457LM	127LM/W	3500K — 5000K	10.7%	0.9
POQ9MH2T	LPVT24-50-S3	Standard	Yes	6,275LM	126LM/W	3500K — 5000K	10.9%	0.9

Compatible Accessories



EM Drivers

		
	EM08-1BD	EM15-1BD
LPVT selectARCH	✓	✓

Sensors

		
	Non-Network	Network
	MSM-H1	MSM-SB1
LPVT selectARCH	✓	✓
Compatible Controllers	RM-MS-S1	WS-MS-SB1
		

Hardwares

				
	Flange Kit		Surface Mount	
	FLANGE22	FLANGE24	MOUNT22	MOUNT24
LPVT selectARCH 2x2	✓		✓	
LPVT selectARCH 2x4		✓		✓