



PROJECT NAME: _____ CAT. #: _____
 NOTES: _____ FIXTURE SCHEDULE: _____

LED Flat Panel Retrofit Kit Wattage Color Select Controls Ready Series



Description:

The Flat Panel Retrofit Kit is an Enhanced product offering from Maxlite offering easy and cost-effective solution to upgrade fluorescent troffers to LED. The kit utilizes the existing troffer housing, thereby reducing labor time and expense since installation can be performed from below the ceiling. An existing troffer can be retrofitted in just minutes! The kit's LED light source delivers uniform illumination with minimal glare, and creates a clean aesthetic that is perfect for offices, retail, health care, educational, hospitality and other commercial facilities. With a Wattage and CCT select option, each unit provides more than 9 variations of the product giving flexibility to the end users and distributors. The kit also boasts one of the industry's highest efficacy (140 LPW), and is DLC premium qualified offering the best ROI for ESCO projects with maximum energy savings. As a true Controls Ready (CR) product, this series takes advantage of Maxlite's Patented c-Max plug and play system offering end users controls option even if the current system is not wired for controls.

Features:

- Quick Installation of Flat Panel Retrofit Kit in existing luminaire without the need to break the ceiling plenum.
- Design prevents any gaps from the retrofit fit in the existing troffer
- Includes safety cable to attach to housing

Construction:

- Standard Dimension for 1x4, 2x2 & 2x4 Retrofits
- Fits most existing Troffers

Form & Fit:

MaxLite recommends that a product sample is tested before projects begin to check fit of the retrofit kit. The retrofit kit is designed to fit into most preexisting troffers (lensed and parabolic).

Controls Ready:

MaxLite's new Controls Ready (CR) fixtures allows for quick and easy in-field installation (plug and play) of controls. Simply purchase any CR fixture and the required Controls Node and you're all set! See the accessory table for all controls options available for this fixture.

Ordering Information

FAMILY	-	SIZE	DIMMABLE	WATTAGE SELECTABLE	-	CCT	CONTROLS READY	PACKAGING	BBU OPTION	SOURCE
FPR		14W= 1'x4'	D=Dimmable	15W= 15W/20W/25W		CS= Color Selectable 3500K/ 4000K/ 5000K	CR= Controls Ready	BLANK= None /2PK= 2 pack	BLANK= None EM= Battery Back up ¹ E2= Made to order Emergency Back Up	TA= TAA Compliant
		22W= 2'x2'		15W= 15W/20W/25W						
		24W= 2'x4'		22W= 22W/30W/38W						
		SIZE FOR FIXED WATTAGE		FIXED WATTAGE						
		22= 2'x2'		13= 13W						
		24= 2'x4'		20= 20W						

1. Battery back up models are available only in Single Pack configuration. Check the Specification Table for lumen output for EM and E2 suffix.



10-year standard warranty with labor allowance (further details available at www.maxlite.com/warranties)

Warranty Limitations: Product must be rated for application per the Product Data Sheet (PDS); operated ≤16 hrs; in ambient temperatures -4°F to 77°F. If ambient temperatures fall outside the -4°F to 77°F range, product is warranted for 5 years according to the operating temperature range specified on the PDS. Up to \$25/unit; registration required. Additional coverage may be available for purchase; contact MaxLite. Excludes EM/MS versions; component warranty applies.



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Stocked Items

ORDER CODE	MODEL NUMBER	DLC PRODUCT ID	PRIMARY USE DESIGNATION	CLASSIFICATION
110999	FPR14D15WCSR/2PKTA	S-34BTWP	Integrated Retrofit Kits for 1x4 Luminaires	Premium
110998	FPR14D15WCSCR/TA	S-34BTWP	Integrated Retrofit Kits for 1x4 Luminaires	
111001	FPR22D13CSR/2PKTA	S-5QY5SX	Integrated Retrofit Kits for 2x2 Luminaires	
111003	FPR22D15WCSR/2PKTA	S-VSB9C5	Integrated Retrofit Kits for 2x2 Luminaires	
111221	FPR22D15WCSCREMTA	S-VSB9C5	Integrated Retrofit Kits for 2x2 Luminaires	
111002	FPR22D15WCSCR/TA	S-VSB9C5	Integrated Retrofit Kits for 2x2 Luminaires	
111005	FPR24D20CSR/2PKTA	S-9H5Q1T	Integrated Retrofit Kits for 2x4 Luminaires	
111007	FPR24D20WCSR/2PKTA	S-022X43	Integrated Retrofit Kits for 2x4 Luminaires	
111222	FPR24D22WCSCREMTA	S-022X43	Integrated Retrofit Kits for 2x4 Luminaires	
111006	FPR24D22WCSCR/TA	S-022X43	Integrated Retrofit Kits for 2x4 Luminaires	

Accessories (SOLD SEPARATELY)

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
111057	FPR-ARB-24	FPR Air Return Bracket - For Use With 2x2 FPR - 2PC in Polybag	
111057	FPR-ARB-48	FPR Air Return Bracket - For Use With 1x4 and 2x4 FPR - 2PC in Polybag	
c-Max Basic			
105567	CN-REMOTE	Control Node Remote Control	
105890	CN-RTPSW	Control Node Rectangular, PIR Motion Sensor/Daylight Harvesting, White	
c-Max Network			
105892	NN-RTW	Network Node Rectangular, White	
105893	NN-RTDHW	Network Node Rectangular, Daylight Harvesting, White	
106059	NN-RTPSW	Network Node Rectangular, PIR Motion Sensor/Daylight Harvesting, White	
109111	WNS3-W	3 Button Wall Network Switch (Bluetooth) White	
108392	WNS5-W	5 Button Wall Network Switch (Bluetooth) White	
106318	NPP-300W	120-277V Network Power Pack 300W Max	

*Maxlite recommends CN-RTPSW (PIR) sensor for most applications with this fixture.
 If CN-RTMST(microwave) is required for an application, Maxlite recommends a pilot test to confirm there is no interference that causes unexpected responses from the microwave sensor.

Sensor

SENSOR	TECHNOLOGY	DIMMING	DAYLIGHT HARVESTING	REMOTE CONTROL	QR CODE
CN-RTPSW	PIR, Photoelectric	Bi-Level	Continuous Adjustment Mode (CAM)	Yes	
NN-RTW	Bluetooth networking	N/A	N/A	c-Max App (iPhone or Android)	
NN-RTDHW	Photoelectric & Bluetooth networking	N/A	Continuous Adjustment Mode (CAM)	c-Max App (iPhone or Android)	
NN-RTPSW	PIR motion sensing, Photoelectric & Bluetooth networking	Bi-Level	Continuous Adjustment Mode (CAM)	c-Max App (iPhone or Android)	



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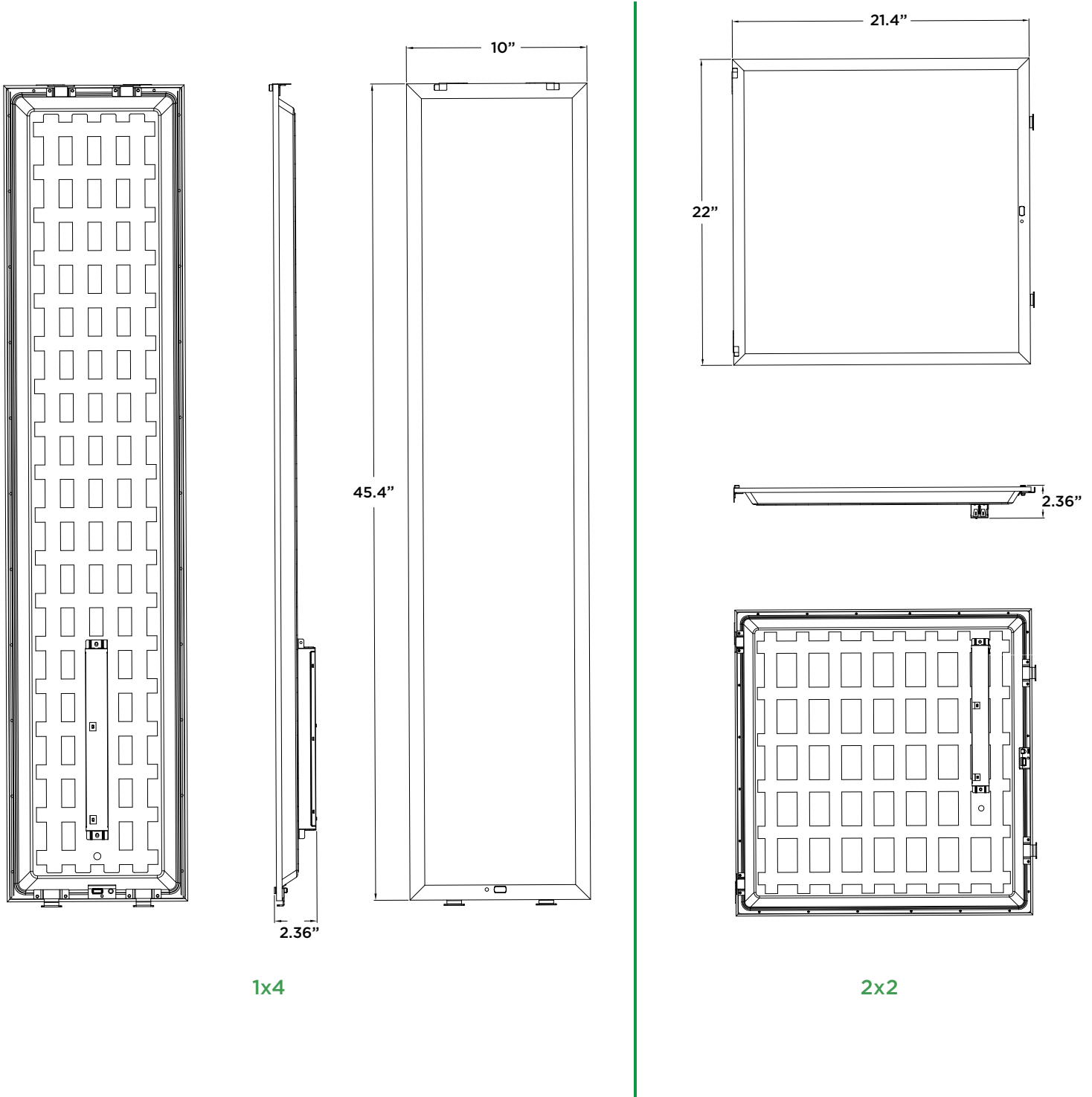
Specifications	FPR14D15WCSCR			FPR22D15WCSCR			FPR22D13CSCR
Size	1X4'			2X2'			2X2'
Nominal Wattage (W)	15W	20W	25W	15W	20W	25W	13W
Lumens Delivered (lm)	2035, 2087**, 2079	2728, 2797, 2788	3335, 3420, 3408	2146, 2203 **, 2201	2881, 2958, 2955	3550, 3645, 3641	1920, 1949*, 1929
Nominal Efficacy (lm/W)	138, 144**, 140	135, 141, 137	133, 139, 135	145, 154**, 150	142, 150, 146	139, 147, 143	141, 146*, 142
Lumens Delivered at BBU mode (lm)	1050lm with EM suffix. 2900lm with E2 suffix - for 90 minutes, when fully charged						
CCT	3500K, 4000K*, 5000K						
CRI	≥80						
L70 Lumen Maintenance (Hours)	100,000 hrs						
Dimming Technology	0-10V						
Dimming Range	10-100%						
Input Voltage	120-277V AC						
Power Factor	≥0.9						
Housing	Steel White						
Diffuser	PolyStyrene Lens						
Humidity	10% to 80% RH Non-Condensing						
Operating Temperature	-4°F to +122°F (-20°C to +50°C), except BBU models. BBU models: 50°F to +122°F (10°C to +50°C)						
Certifications	ETL listed for damp locations, RoHS Compliant, FCC						
Qualifications	DLC Premium						
Warranty	10 years						

Specifications	FPR24D22WCSCR			FPR24D20CSCR	
Size	2X4'			2X4'	
Nominal Wattage (W)	22W	30W	38W	20W	
Lumens Delivered (lm)	3083, 3152 **, 3136	4091, 4183, 4162	5342, 5462, 5435	2918, 2966*, 2944	
Nominal Efficacy (lm/W)	145, 152**, 149	142, 149, 146	137, 144, 141	144, 149*, 145	
Lumens Delivered at BBU mode (lm)	1050lm with EM suffix. 2900lm with E2 suffix - for 90 minutes, when fully charged				
CCT	3500K, 4000K*, 5000K				
CRI	≥80				
L70 Lumen Maintenance (Hours)	100,000 hrs				
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* Factory default CCT is 4000K. ** Factory default is lowest wattage at 4000K

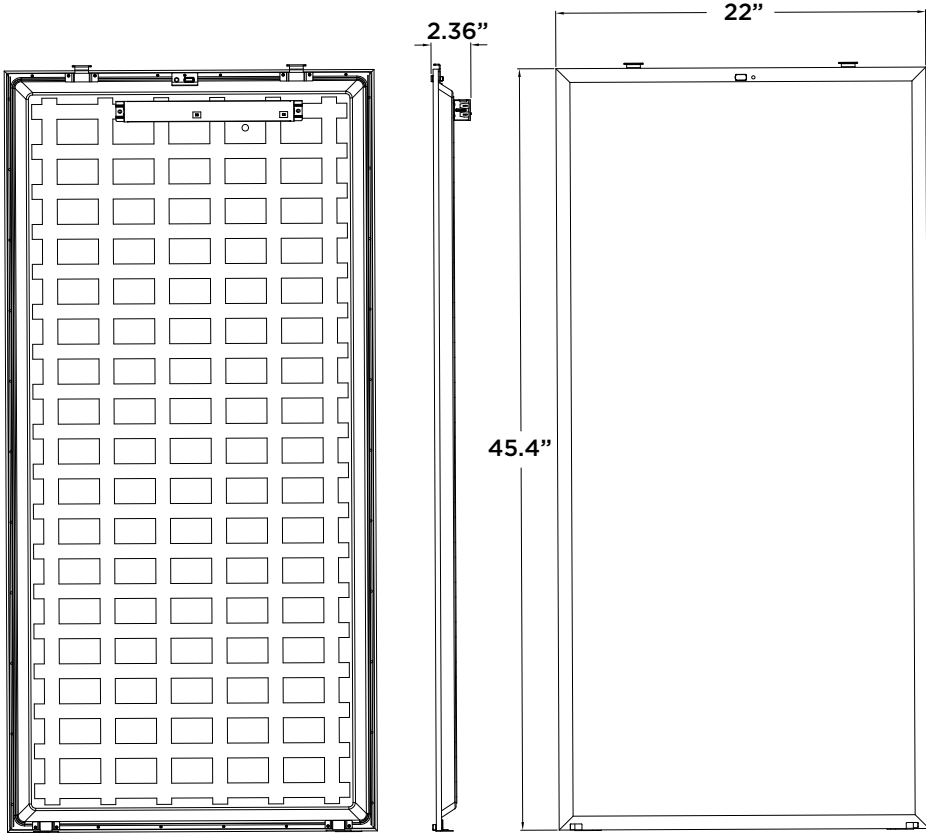
LED Flat Panel Retrofit Kit *Wattage Color Select Controls Ready Series*

Dimensions



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Dimensions



2x4

MODEL	L (INCH)	W (INCH)	H (INCH)	H (EM ADDED)
FPR24D22WCSCR	45.4	22		
FPR22D15WCSCR	22	21.4		
FPR14D15WCSCR	45.4	10	2.36	2.44
FPR24D20CSCR	45.4	22		
FPR22D13CSCR	22	21.4		

FCC Statement

This device complies with part 15 of the FCC Rules, Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.