

# Direct Lit LED 2x2 Flat Panels

## REDWOOD ENGINE 3 READY PERFORMANCE SERIES



MaxLite's Redwood Engine 3 ready Direct Lit LED Flat Panel Performance Series are designed to lay in drop ceilings in data centers, offices, schools and healthcare applications. The design of the panels produces an even, consistent shadowless light. The LEDs enable long life, high lumen maintenance, and high CRI, and are low maintenance and constructed without hazardous materials.

### FEATURES:

- 34 watts (nominal)
- 50,000 hour life at L70 standards
- 9.25 lbs.
- Five year limited warranty
- CRI: >84
- Fits standard T-bar and narrow grid lay-in ceilings
- LM79 test data is available online
- Also available in 1'x4'
- Standard white finish
- Includes integrated seismic clips

### CONSTRUCTION:

- Satin polycarbonate face frame
- Steel housing
- Lens is translucent white polystyrene
- Profile is 2.75" inches
- Unique mounting gives flush-fit in drop ceiling
- Modular construction for easy replacement of drivers or light boards
- Type IC rated for contact with insulation after installation

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	ROOM SCHEDULE



### CONTROL:

- Compliant to Redwood Engine 3 single channel drive systems
- Fully dimmable

### Luminaire Ordering Information:



WATTS (Nominal)	ORDER CODE	MODEL	DELIVERED LUMENS	LIFE	DIMENSIONS (W" X L" X H")	CCT
34	72824	MLFP22DP3535RW3	3145	50,000	23.8" x 23.8" x 2.75"	3500
34	72825	MLFP22DP3541RW3	3024	50,000	23.8" x 23.8" x 2.75"	4100

MAX13175

Installation instructions, LM-79 testing, IES files available on request:

3839 Spinnaker Court, Fremont, CA 94538 1-800-840-0709 (USA) | 1-510-270-5360 (INT'L)

Web: [www.redwoodsystems.com](http://www.redwoodsystems.com) | E-mail: [sales@redwoodsystems.com](mailto:sales@redwoodsystems.com)



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### SPECIFICATIONS:

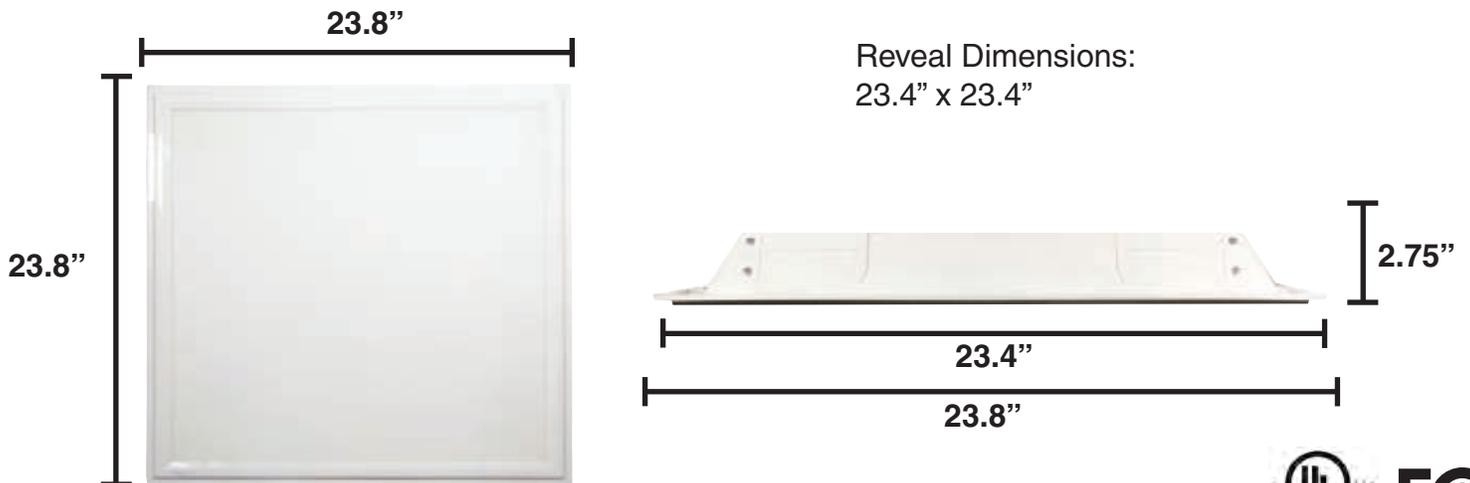
Item	Specification	MLFP22DP3535RW3 Details	MLFP22DP3541RW3 Details
General Performance	Spacing Criteria	Available upon request	
	Color Temperature	3500K	4100K
	Beam Angle	110 deg.	
	Lumens	3143	3024
	Efficacy-lumen per watt	86.6	83.5
	CRI	>84	>85
	Color Consistency	Proprietary binning for uniform color	
	Lumen Maintenance (L70)	50,000 hours	
Electrical	Input Voltage	48VDC	
	Power Consumption	34 watts nominal	
Control	Driver	Redwood Systems E3 single channel at 700mA	
Physical	Dimensions	23.8" x 23.8" x 2.75"	
	Weight	9.25 lbs.	
	Housing	Steel	
	Lens	Translucent white polystyrene	
	Mounting	Fits standard grid for drop ceilings	
	Operating Temperature	-30°F to 130°F (-2-c to 50c)	
	Humidity	20% - 85% RH, non condensing	
Certification	Certification	cETLus, FCC, LM79	
	Material Usage	RoHS compliant; no mercury	
	Environment	Indoor use	
	LED Class	LM-80	
	Warranty	Five year	

### OPTIONAL ACCESSORIES:

ORDER CODE	MODEL NUMBER	DESCRIPTION
71583	MLRSK14D	Rigid Stem Mounting Kit
71119	MLCHKSQ	Cable hung kit *
71373	MLSMKFP14D	1X4 Direct Lit Surface Mount kit

\* Must be ordered in combination with surface mount kit.

### DIMENSIONS:



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