

# PLANEX® ECO



## FLAT PANEL LED - 2x4

- The **PLANEX® ECO** is DLC Premium certified and is offered in 80 CRI with color temperatures from 4000K - 5000K.
- The **PLANEX® ECO** back-lit flat panel features an integrated driver that reduces the overall dimensions.
- **HOUSING:** Aluminum frame with steel housing backplate. Earthquake clips are provided standard for secure installation in grid ceilings.
- **DIFFUSER:** UV PMMA diffuser provides even light distribution, efficiency and longevity.
- **POWER FACTOR:** > 0.9
- **TOTAL HARMONIC DISTRIBUTION (THD):** <20%
- **LUMENS:** Up to 7,442 lm @ 132-135 lm/W
- **OPERATING TEMP:**
  - HT (AC Only) -4°F to 104°F (-20°C to 40°C)
- **WEIGHT:** 9 lbs / 4.08 kg



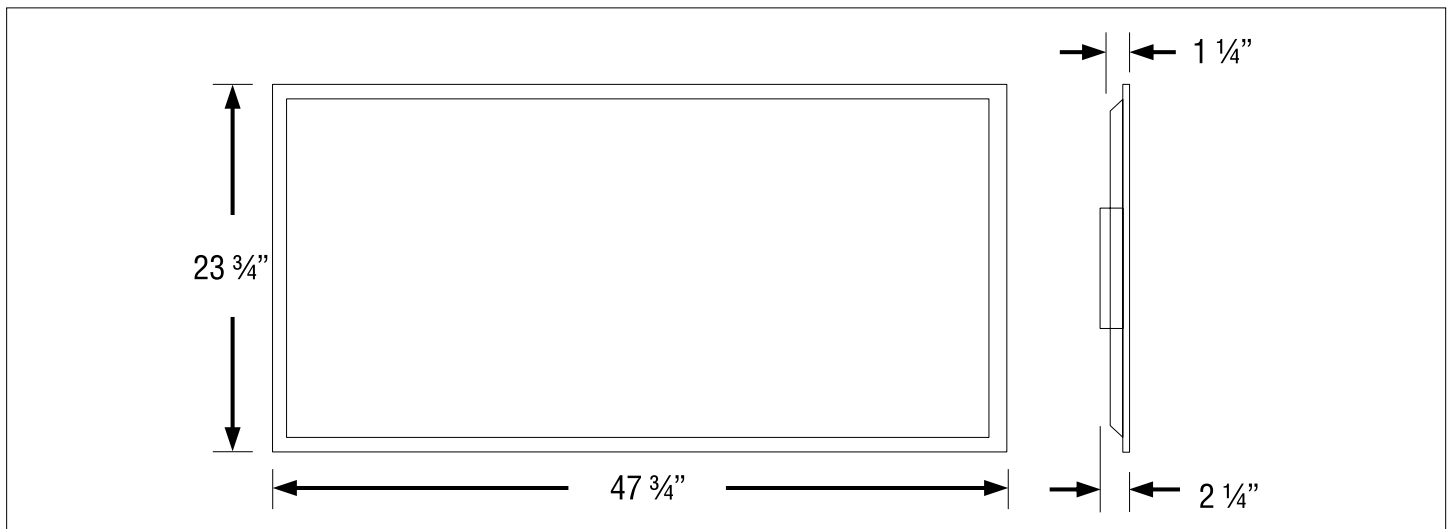
**APPLICATION:** The **PLANEX® ECO** is ideal for installations in healthcare, offices, banks, retail, hotels, restaurants and schools.

### CONFIGURATIONS

PLX-E-B	-	-	-	-	-	-	-
MODEL	SIZE	OPERATION	OUTPUT	COLOR TEMP	INPUT	OPTIONS	MOUNTING
PLX-E-B	24 (2x4)	HT (AC only)	HO (40W)	WT40 (4000K)	120-277V	FW6 (flex whip - 6 ft)	CMK-24 (cable mount kit)
			VHO (55W)	WT50 (5000K)			FMK-24 (flange mount kit)
							SMK-24 (surface mount kit)

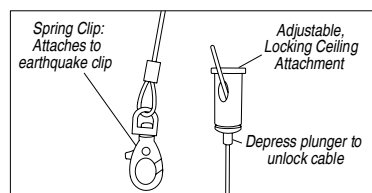
NOTE: Grid ceiling mount is standard.

### DIMENSIONS

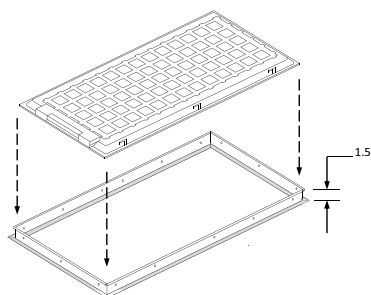


## MOUNTING OPTIONS

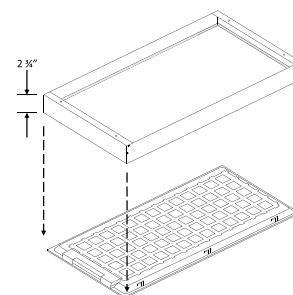
**CMK-24**  
(Cable Mount Kit)



**FMK-24**  
(Flange Mount Kit)



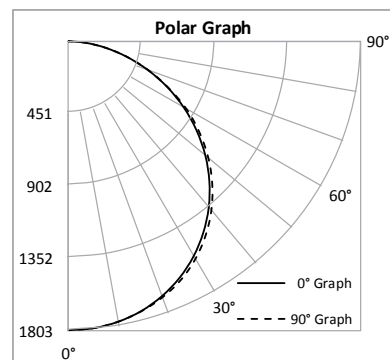
**SMK-24**  
(Surface Mount Kit)



## PHOTOMETRICS

**PLX-E-B-24HT-HO-WT40-120-277V**

POLAR CURVES

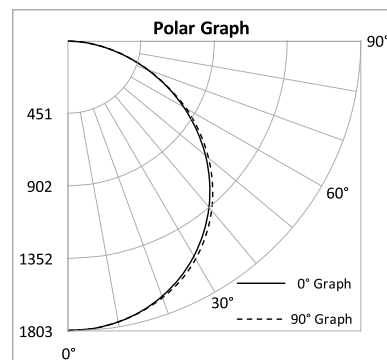


**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	%FIXT
0-20°	663	12.3%
0-30°	1418	26.3%
0-40°	2338	43.4%
20-50°	2638	49.0%
40-70°	2518	46.8%
0-60°	4181	77.6%
0-80°	5258	97.6%
0-90°	5379	99.9%
90-180°	6	0.1%
0-180°	5385	100.0%

**PLX-E-B-24HT-VHO-WT40-120-277V**

POLAR CURVES



**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	%FIXT
0-20°	922	12.4%
0-30°	1970	26.5%
0-40°	3247	43.6%
20-50°	3661	49.2%
40-70°	3485	46.8%
0-60°	5799	77.9%
0-80°	7276	97.8%
0-90°	7434	99.9%
90-180°	8	0.1%
0-180°	7442	100.0%

## ENERGY CHART

MODEL	SIZE	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (HRS)
PLX-E-B-24-HT-HO-WT40-120-277V	24 (2x4)	132 lm/W	40	5,330	>80	>144,000
PLX-E-B-24-HT-HO-WT50-120-277V	24 (2x4)	134 lm/W	40	5,385	>80	>144,000
PLX-E-B-24-SA-VHO-WT40-120-277V	24 (2x4)	133 lm/W	55	7,330	>80	>144,000
PLX-E-B-24-SA-VHO-WT50-120-277V	24 (2x4)	135 lm/W	55	7,442	>80	>144,000

# PLANEX® ECO

## ELECTRICAL RATING

## DIMMER COMPATIBILITY

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A) AC VOLTAGE			FREQUENCY (HZ)	DIMMER	COMPATABILITY	
		120V	240V	277V			ON/OFF	DIMMING
PLX-E-B-24-HT-HO	40	0.33	0.17	0.14	50/60	LUTRON - DVSTV	YES	YES
PLX-E-B-24-HT-VHO	55	0.46	0.23	0.20	50/60	LEVITON - IP710-LFZ	YES	YES
						GENERAL PROTECHT - DMD-LED3-102	YES	YES

■ **WARRANTY:** 5 years, see website for full warranty details.