

# EDGE LIT 2 X 2 LED PANEL

Led flat panel designed to work with drop ceilings. These fixtures are a direct drop in replacement for 2' x 2' fluorescent fixtures. They can be used in schools, hospitals, medical facilities, commercial buildings, residential, or any other location that uses a 2' x 2' drop ceiling. The panels can be ordered dimmable and work with most building controls, motion sensors, timers and daylight harvesting systems that use 0-10v dimming circuits. Up to 20 panels can be wired on one master dimmer.

PROJECT NAME
MODEL NUMBER
NOTES
FIXTURE TYPE
ROOM

## CONSTRUCTION

The housing is made from aluminum. The complete housing is the heat sink providing a great thermal control for the Leds. Translucent white polycarbonate lens. The profile including controller box is only 2 1/8". Flush fit for all drop in ceilings.

## FEATURES

- 40 watts
- 5000 Lumens
- 100 - 277 Vac
- Installation depth 2 1/8"
- No RF Interference
- No hazardous materials
- 50,000 + hours lifespan
- Works with most motion detectors
- Frosted Lens - White Trim



Example: P2-40-4000

MODEL NUMBER	WATTS	COLOR TEMP

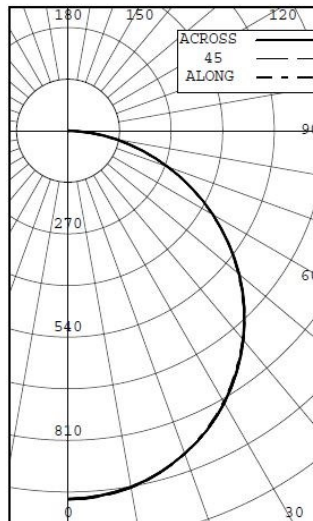
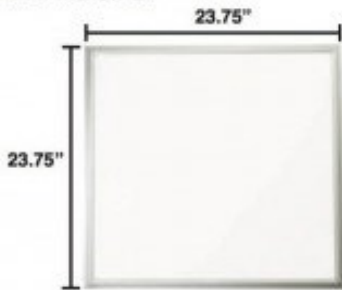
MODEL NUMBER	WATTS	COLOR TEMP
P2	40	4000k
		5000k

MODEL NUMBER	WATTS	LUMENS	LIFE
P2-40	40	5000	>50,000 Hrs

# SPECIFICATIONS

Item	Specification	40 Watt
General Performance	Color Temperature	4000k
	Lumens	5000
	Efficacy	125 LM/W
	Color Consistency	Proprietary LED Binning
	Lumen Maintenance (L70)	>50,000 hours
Electrical	Power Factor	>90%
	Input Voltage	120 - 277 Vac 50/60 Hz
	Power Consumption	40 Watts
Physical	Dimensions	23.75" x 23.75" x 2 1/8"
	Weight	12.39
	Housing	Aluminum
	Optics	Light Refraction/ Acrylic Diffusion
	Mounting	Fits standard drop ceiling grid
	Operating Temperature	-20°F - +A21Certifications130°F
Certifications	Certification	UL / CE / RoHS / DLC
	Environment	Indoor Use
	LED Class	L70 rated to >50,000 hours

**DIMENSIONS:**



INTENSITY (CANDLEPOWER) SUMMARY					OUTPUT LUMENS
ANGLE	ALONG	22.5	45	67.5	ACROSS
0	964	964	964	964	964
5	958	959	961	960	959
10	946	947	948	948	947
15	925	926	928	927	926
20	897	897	899	899	897
25	860	862	864	864	863
30	817	819	821	821	820
35	766	769	770	770	770
40	712	712	714	714	713
45	650	651	652	652	652
50	582	584	585	585	585
55	511	512	513	513	513
60	435	436	437	437	437
65	356	358	359	359	359
70	278	279	280	280	281
75	200	200	202	202	203
80	125	126	127	127	129
85	56	56	57	57	58
90	0	0	0	0	0

**ZONAL LUMENS AND PERCENTAGES**

ZONE	LUMENS	% LUMINAIRE
0-30	751	26.61
0-40	1231	43.65
0-60	2189	77.63
0-90	2820	100.00
40-90	1589	56.35
60-90	631	22.37
90-180	0	0.00
0-180	2820	100.00