

LED PANEL LIGHT

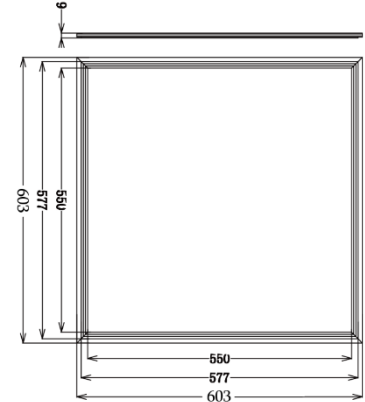
High Efficacy up to 140 lm/W and up to 85% in energy savings available in 35W-60W configurations.
S – Small 1'X4', **M** – Mid 2'X2', **L** – Large 2'X4'

APPLICATIONS

- Education
- Health Care
- Commercial
- Showrooms
- Automotive
- Laboratories

AUTHORIZED BY:	
NAME:	DATE:

DIMENSIONS & WEIGHT	
PRODUCT LINE	LTL-035/040-M
LENGTH (cm)	60.3
WIDTH (cm)	60.3
HEIGHT (cm)	0.9
NET WEIGHT (Kg)	3.4
PCS / CARTON	6
CARTON WEIGHT (Kg)	23.64



ORDERING INFORMATION			
CNX-LTL			M
PRODUCT TYPE	COLOR TEMPERATURE	WATTAGE	FORM-FACTOR
CNX-LTL	35 – 3500K 40 – 4000K 45 – 4500K 50 – 5000K	035 – 35 WATTS 040 – 40 WATTS	M – MID 2'X2'

PRODUCT SPECIFICATIONS

Construction Characteristics:

- Aluminum mitered frame (White or Silver)
- Superior homogenous optical diffuser
- Light enhancing transfer blade
- Low loss optical lens
- Weight: 3.4 Kg
- Powder coat finish (frame)
- IP 44

Optical Characteristics:

- CRI (Color Rendering Index): >80
- 110 degree optics

Electrical Characteristics:

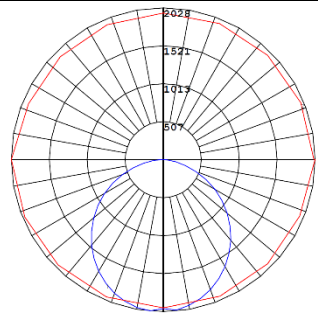
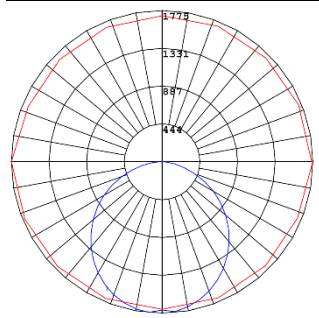
- Input Voltage: 120 ~ 277 VAC or 347-480 VAC, 50/60 Hz
- Power Factor: 0.9 at full load
- THD = <20%
- Operating Temperature Range: -20 ~ +40C
- Built in 4kV protection
- 0-10VDC Dimming
- Optional Surge Protection: 10kv/10kA or 20kv/20kA
- 100,000 switching cycles

PRODUCT OPTIONS		
INPUT VOLTAGE	MOUNTING	FRAME COLOR
P1 – 120~277 VAC P2 – 347~480 VAC	SFC – SURFACE MOUNT FRAME SSP – SUSPENSION MOUNT DRP – DROP/SUSPENDED CEILING	WHT – WHITE SLV – SILVER
CONTROL	CCT ADJUSTABLE	EMERGENCY BACKUP
CTR – CNX CONTROL DAL – 1-10V DALI ZIG – ZIGBEE MTN – MOTION DAY – DAYLIGHT HARVESTING XXX – NO CONTROL	CCT – ADJUSTABLE (3000K-6000K) XXX – FIXED CCT	EMG – BATTERY BACKUP XXX – NO BATTERY BACKUP

ELECTRICAL DATA			
NUMBER LEDS	SYSTEM WATTAGE	LUMEN OUTPUT	EFFICACY
228 – 228 LEDS	35 WATTS	4,900 LUMENS	140 LM/W
228 – 228 LEDS	40 WATTS	5,600 LUMENS	140 LM/W



POLAR CANDELA CURVE	POLAR CANDELA CURVE	ILLUMINANCE AT A DISTANCE	ILLUMINANCE AT A DISTANCE
LTL – 035 – M	LTL – 040 – M	LTL – 035 – M	LTL – 040 – M



	Center Beam fc	Beam Width	
17.0ft	6.02 fc	48.3 ft	46.8 ft
34.0ft	1.51 fc	96.6 ft	93.6 ft
51.0ft	0.67 fc	144.9 ft	140.4 ft
68.0ft	0.38 fc	193.2 ft	187.3 ft
85.0ft	0.24 fc	241.5 ft	234.1 ft
102.0ft	0.17 fc	289.8 ft	280.9 ft


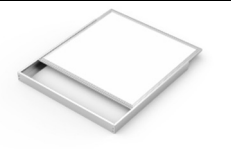

■ Vert. Spread: 109.7°
■ Horiz. Spread: 108.0°

	Center Beam fc	Beam Width	
17.0ft	6.94 fc	48.3 ft	46.8 ft
34.0ft	1.74 fc	96.6 ft	93.6 ft
51.0ft	0.77 fc	144.9 ft	140.4 ft
68.0ft	0.43 fc	193.2 ft	187.3 ft
85.0ft	0.28 fc	241.5 ft	234.1 ft
102.0ft	0.19 fc	289.8 ft	280.9 ft

■ Vert. Spread: 109.7°
■ Horiz. Spread: 108.0°

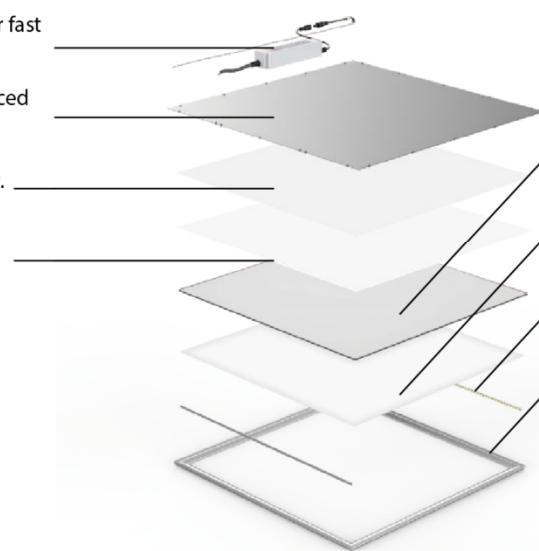
Vertical Plane Through: 180 - 0 Horizontal
Horizontal Cone Through: 5 Vertical
Maximum Candela = 1774.68 at 180 H 5 V

Vertical Plane Through: 180 - 0 Horizontal
Horizontal Cone Through: 5 Vertical
Maximum Candela = 2028.72 at 0 H 5 V

MOUNTING OPTIONS	
	SSP – SUSPENSION MOUNT
	SFC – SURFACE MOUNT FRAME
FRAME COLOR OPTIONS	
	WHT – WHITE SLV – SILVER

Exploded Drawing

- High grade, external driver, designed for fast electrical connections.
- Rigid back cover for stability and enhanced thermal management.
- Composite material ensures a perfect fit.
- Opaque optical containment sheet to prevent misdirected light.



- Light enhancing transfer blade directs light downward, evenly and efficiently.
- Low loss optical lens.
- Ultra-efficient, long-lasting LEDs along both sides provide uniform light distribution.
- Powder coated aluminum frame with perfect corners provides enhanced heat dissipation.