LED RETROFIT PANEL LIGHT

PL-40W-66-28-TG-02 (40W), PL-50W-126-28-TG-09 (50W), PL-72W-126-28-TG-02 (72W)

E2 Lighting

RoHS COMPLIANT

FC

c (UL) us

DLC QPL LISTED

NERG energy
ERP COMPLIANT

Color: White Weight: 9.0 (2x2) lbs, 17.0 (2x4) lbs
DLC Version: 4.0

Project Name:	Catalogue Number:
Fixture Schedule:	**Comments:**

Specifications

Light Output	4400-7800 LM	Frequency	50-60 Hz
Efficacy	> 110 LPW	THD	< 20%
Wattage	40, 50, 72 W	L70 Lifespan	50,000 hours
Color Accuracy (CRI)	> 80	IP Rating	IP44
Kelvin (CCT)	4000/5000 K	Beam Angle	120 DEG
Power Factor	> 0.90	Dimming Compatible	Yes
Working Environment	-4° F~122° F	Mercury Content	No
Input Voltage	AC100-277V	Lens	Optical PMMA

Product Description

Typically used to replace 2'x2' and 2'x4' fluorescent fixtures, E2 Lighting's LED flat panel lights are designed to lay in drop ceilings in offices, schools and healthcare applications. The flat panels are available in dimming and non-dimming options and are compatible with building controls, motion sensors, timers and daylight harvesting systems. The unique design of the panels produces side-emitting illumination with high transmittance LGP to achieve even, consistent shadowless light. In addition to diminishing energy costs, the fixtures virtually eliminate maintenance expenses with an industry-leading L70 lifetime of 50,000 hours. UL, ERP and FCC classified/recognized, UL listed, DLC listed and RoHs compliant.

Product Features

- DLC 4.0 higher-performance classification
- Leading LED driver design and overlong lifespan
- Simple, chic and elegant appearance and non-discoloring
- Greater than 80% energy savings compared to traditional grid fixtures
- Instant startup, perfect light uniformity, soft light, no glare, no noise, no strobe
- Lead-free and mercury-free, saving both energy and protecting environment
- Long life LEDs lasting up to 50,000 hours
- 5-Year Warranty

Applications

- Primary use: 2x2 and 2x4 Luminaires for Ambient Lighting of Interior Commercial
- Spaces Widely used in office building, plant, school, supermarket, hotel, meeting room, exhibition hall, underground garage environments and all other places in need of high energy savings and high CRI

Available Options

- Panels are fully dimmable with a standard 0-10V LED wall dimmer
- Grid embedded, ceiling mounted or ceiling hanging install options

Cautions

- Installation by a licensed electrician only.
- Product failure caused by misuse, modification or power surges are not covered under warranty.
- Actual product performance may differ as a result of end-user environment and application.
- Input voltage may vary depending on photocell configuration.

Warranty

E2 warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please see our full warranty terms located at www.e2lightingusa.com.

Technical Support

Need help? Please contact our technical support team for assistance at (415) 670-9362.

E2 Lighting International Inc. Phone: **(415) 670-9362** Fax: (415) 704-4467
Email: **sales@e2lightingusa.com** Website: **www.e2lightingusa.com**

Page 1 of 2

Dimensions

Dimensions:

PL-40W-66-28-TG-02 (2x2)

23.74 (603) × 23.74 (603) × 0.39in (10mm)

PL-50W-126-28-TG-09 (2x4)

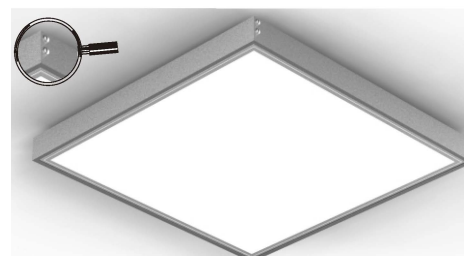23.74 (603) × 47.75 (1213) × 0.39in (10mm)

PL-72W-126-28-TG-02 (2x4)

23.74 (603) × 47.75 (1213) × 0.39in (10mm)

Materials:

Aluminum Alloy and Optical PMMA

Mounting Options:

ceiling

Surface Mount:

Suspension mount:

Ordering Matrix

Model Number	Watts	Color Temp	Lumens	Finish	Voltage	CRI
PL-40W-66-28-TG-02	40	4000/5000K	4400	White	AC100-277V	> 80
PL-50W-126-28-TG-09	50	4000/5000K	5500	White	AC100-277V	> 80
PL-72W-126-28-TG-02	72	4000/5000K	7800	White	AC100-277V	> 80

Technical Requirements Version: 4.1
Date Qualified: 09/06/2016
Product ID: PXVSH9W8

Categorization

Main: Indoor Luminaires
General Application: Troffer
Primary Use: 2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces

Classification: Standard
Is Parent Product: No
DLC Family Code: QQQSZU
Dimming Status: Dimmable
Listing Status: Listed

Reported Data | Version History | Family Data

Light Output: 4400 lm
Wattage: 40 W
Efficacy: 110 lm/W
Power Factor: 0.9
CCT: 4000 K
CRI: 80
Total Harmonic Distortion: 20 %

Technical Requirements Version: 4.1
Date Qualified: 10/06/2016
Product ID: PZK9RWNN

Categorization

Main: Indoor Luminaires
General Application: Troffer
Primary Use: 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces

Classification: Standard
Is Parent Product: No
DLC Family Code: KKKZJM
Dimming Status: Dimmable
Listing Status: Listed

Reported Data | Version History | Family Data

Light Output: 5500 lm
Wattage: 50 W
Efficacy: 110 lm/W
Power Factor: 0.9
CCT: 4500 K
CRI: 80
Total Harmonic Distortion: 20 %

Technical Requirements Version: 4.1
Date Qualified: 10/06/2016
Product ID: P56BADCZ

Categorization

Main: Indoor Luminaires
General Application: Troffer
Primary Use: 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces

Classification: Standard
Is Parent Product: No
DLC Family Code: KKKZJN
Dimming Status: Dimmable
Listing Status: Listed

Reported Data | Version History | Family Data

Light Output: 7950 lm
Wattage: 72 W
Efficacy: 110.42 lm/W
Power Factor: 0.9
CCT: 4000 K
CRI: 80
Total Harmonic Distortion: 20 %