

CENTRIC DAYLIGHT™ LED Panel Light

PN 4822 | 4824

Transform any space with the uncompromising quality of natural daylight. The CENTRIC DAYLIGHT™ LED Panel Light by Waveform Lighting is more than just an overhead fixture - it is a premium lighting solution engineered for color accuracy, eye comfort, and versatility.

Whether you are upgrading a professional studio, a modern office, or a residential space, this ultra-slim panel delivers full-spectrum, flicker-free illumination that mimics the clarity of natural sunlight.

Bring the power of the sun into your space. Upgrade to the CENTRIC DAYLIGHT™ LED Panel Light today.



Photo shows 2 x 2 ft - also available in 2 x 4 ft configuration

PRODUCT FEATURES

- Ultra-slim LED panel light fixtures featuring full-spectrum (95 CRI) and flicker-free light output
- Fixtures install seamlessly into ceiling-grids or surface mount via accessory kit (sold separately)
- Ultra-high 95 CRI, R9 > 90; color temperature can be adjusted to 4000K, 5000K or 6500K via integrated switch
- Completely flicker-free light output
- Available in 2 x 2 ft (40W / 4000 lm) or 2 x 4 ft sizes (50W / 5000 lm)
- ETL listed for safety
- Dimmable via 0-10V dimming systems; power and brightness can also be lowered via integrated switch

ELECTRICAL SPECIFICATIONS

Input type options:	Hard-wired
Input voltage:	120/277V AC, 50-60 Hz
Power draw (2x2 ft):	26/32/40W
Power draw (2x4 ft):	32/40/50W
Power factor:	0.9

MECHANICAL SPECIFICATIONS

	2x2 ft	2x4 ft
Length:	23.9 in (607 mm)	47.8 in (1213 mm)
Width:	23.9 in (607 mm)	23.7 in (603 mm)
Height:	1.3 in (34 mm)	1.3 in (34 mm)

FLICKER METRICS

Flicker (%):	<2%
Flicker index:	<0.02
Flicker frequency:	0 Hz

For reference, incandescent bulbs typically exhibit 12% flicker, a flicker index value of 0.03, and a flicker frequency of 120 Hz.

PHOTOMETRIC SPECIFICATIONS

	CCT Range	Duv	CIE (x,y)
4000 K:	±100K	0.0000 ±0.0010	(0.3806, 0.3768)
5000 K:	±150K	0.0015 ±0.0015	(0.3455, 0.3548)
6500 K:	±250K	0.0025 ±0.0015	(0.3134, 0.3283)

Light Output (2x2 ft):	4000 lm
Light Output (2x4 ft):	5000 lm
Beam angle:	120°
CRI Ra:	95+
CRI R9:	90+
CRI R13:	90+
TM-30-15 Rf/ Rg*:	90+/100

*For additional detail on TM-30-15 metrics for this product, please see our separate test report documentation.

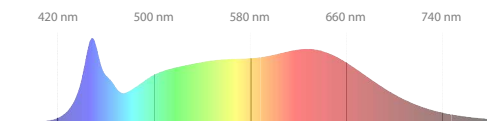
LIFETIME INFORMATION

Warranty period:	60 months (5 years)
Lifetime (L90):	36,000 hours

EXTENDED CRI VALUES (TYPICAL)

R1	98
R2	99
R3	98
R4	98
R5	97
R6	95
R7	97
R8	96
R9	94
R10	98
R11	98
R12	75
R13	100
R14	99
R15	96

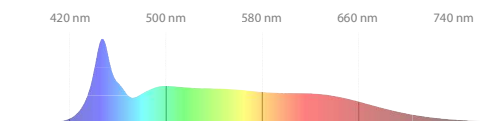
4000 K SPECTRUM M/P ratio: 0.74



5000 K SPECTRUM M/P ratio: 0.89



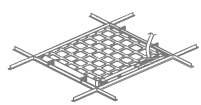
6500 K SPECTRUM M/P ratio: 1.06



The M/P ratio describes a light source's potential to influence the human circadian cycle, measured between 0.0 and 1.1. Higher values are more likely to affect the circadian cycle. M/P ratio calculations are based on Well Building's *Equivalent Melanopic Lux* methodology (2018).

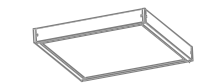
INSTALLATION OPTIONS

RECESSED INSTALLATION



The recessed installation options involve preparing the fixture's junction box by prying open a knockout hole and extending the power cord, followed by securing the light panel into a ceiling grid or integrated ceiling. This method is best suited for spaces with existing drop or suspended ceilings, which are commonly found in commercial offices, schools, and retail environments.

SURFACE-MOUNT INSTALLATION



Surface mounting requires building a metal frame directly onto the ceiling using a positioning template to install parallel frame bars and corner brackets. Once the three sides of the frame are secured, the light panel is pushed into the open side, wired, and then enclosed by attaching the final frame piece. This option is ideal for solid ceilings like drywall, plaster, or concrete where a recessed grid is not available. **Surface mount kit sold separately.**

SUSPENDED INSTALLATION



The suspended installation method involves drilling holes into the ceiling to insert expansion tubes and secure mounting hooks. The light panel is then suspended from these hooks using wire ropes attached to a hanging plate on the back of the fixture before the final wiring is completed. This setup is highly suitable for high or vaulted ceilings, open-concept spaces, and industrial environments with exposed architecture.

PART NUMBERS AND ORDERING

2 x 2 ft - with surface mount kit	4822
2 x 2 ft - no surface mount kit	4822.S
2 x 4 ft - with surface mount kit	4824
2 x 4 ft - no surface mount kit	4824.S

CERTIFICATIONS

LUMINAIRES - CONFORMS TO UL STD. 1598/ CERTIFIED TO CSA STD. C22.2 No. 250.0

CAUTION: RISK OF FIRE/ TYPE IC/ INHERENTLY PROTECTED/ CLASS 1 WIRE ONLY/ MIN 75°C SUPPLY CONDUCTORS