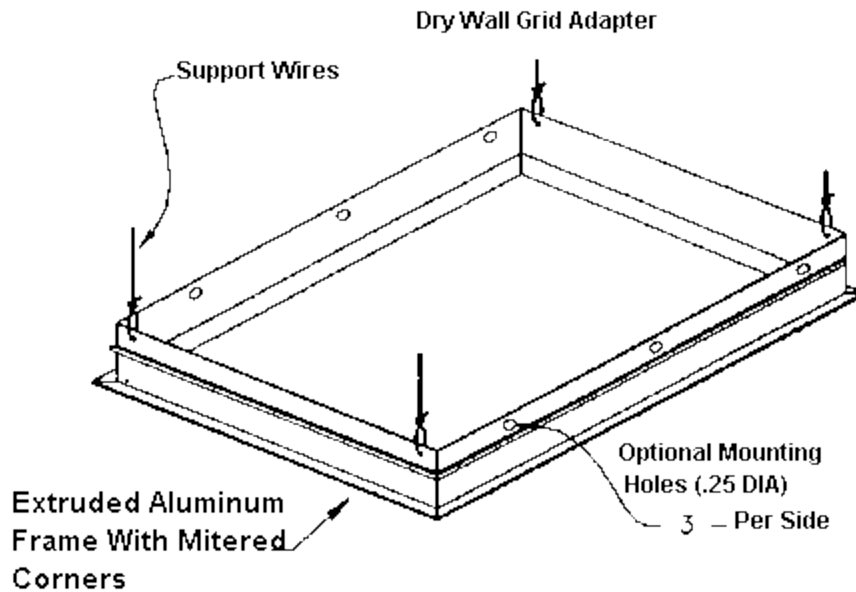


## Drywall Grid Adapter



Installing a **DGA** in a drywall ceiling will provide a frame (grid) onto which you can lay-in any NEMA Type "G" troffer. This allows easier access to the plenum than when using flange trims with swing gate hangers.

DGAs have a wider trim than the flange trim because the flange both covers the cut edge of the drywall and supports the weight of the fixture. Tie wires (by others) support the DGA. Flange kits and flange trim kit are not required when a fixture is installed into a **DGA** .

Nomenclature	Description	Ceiling Opening
<b>DGA12</b>	Drywall Grid Adapter - For use with any 1' x 2' Grid Troffer (Over All Trim 13 3/8" x 25 3/8")	12 3/4" x 24 3/4" + 1/8" - 0"
<b>DGA14</b>	Drywall Grid Adapter - For use with any 1' x 4' Grid Troffer (Over All Trim 13 3/8" x 49 3/8")	12 3/4" x 48 3/4" + 1/8" - 0"
<b>DGA22</b>	Drywall Grid Adapter - For use with any 2' x 2' Grid Troffer (Over All Trim 25 3/8" x 25 3/8")	24 3/4" x 24 3/4" + 1/8" - 0"

<b>DGA24</b>	Drywall Grid Adapter - For use with any 2' x 4' Grid Troffer (Over All Trim 25 3/8" x 49 3/8")	24 3/4" x 48 3/4" + 1/8" - 0"
<b>DGA44</b>	Drywall Grid Adapter - For use with any 4' x 4' Grid Troffer (Over All Trim 49 3/8" x 49 3/8")	48 3/4" x 48 3/4" + 1/8" - 0"
<b>DGA64</b>	Drywall Grid Adapter - For use with any 6' x 4' Grid Troffer (Over All Trim 7 3/8" x 49 3/8")	6 3/4" x 48 3/4" + 1/8" - 0"
<b>DGA204</b>	Drywall Grid Adapter - For use with any 20" x 4' Grid Troffer (Over All Trim 21 3/8" x 49 3/8")	20 3/4" x 48 3/4" + 1/8" - 0"

**DIGITAL NAVIGATION**

[Ordering Tree](#) [nLight Platform](#) [Sensor Switch JOT](#) [Photometrics](#) [Performance Data](#) [Drawings](#)

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — The EPANL Series LED Edge-Lit Flat Panel provides a fully luminous appearance across the face of the lens. This provides a soft, glare-free solution that is visually comfortable within the space. Suitable for many lighting applications including schools, offices and other commercial spaces, retail, convenience stores, hospitals and healthcare facilities. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

**CONSTRUCTION** — This edgelit platform was built to last with an aluminum frame for strength and durability, the seamless frame prevents light leak in the corners. The PMMA light guide plate and lens resists yellowing and transmits light with superior efficacy. The satin white lens provides excellent shielding and fully luminous appearance. EPANL's low-profile design provides increased installation flexibility especially in restricted plenum spaces. The back plate includes integral T-bar clips for installation into 15/16" or 9/16" T-grid ceilings. Fixture may be recessed, suspended, surface box mounted or mounted in a hard-ceiling see accessories section for more information. Fixture may be mounted and wired in continuous rows.

**Integrated Sensor (nLight Wired Networking):** This sensor is nLight-enabled, meaning it has the ability to communicate over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software.

**Integrated Smart Sensor (nLight Air Wireless Platform):** The RES7 sensor is nLight AIR enabled, meaning it has the ability to communicate over the wireless nLight control platform. It is available with an automatic dimming photocell, and either a digital PIR or a microphonics (PDT) dual technology occupancy sensor. It pairs to other luminaires and wall switches through our mobile app, CLAIRITY+, which allows for simple sensor adjustment.

**Integrated Wireless Sensor (single room control):** Sensor Switch VERTEX JOT or JOTVTX15 luminaire-embedded occupancy and ambient light sensor allows the luminaire to power off when the space is unoccupied or when enough ambient light is entering the space. See page 7 for more details on the integrated wireless sensor.

**ELECTRICAL** — Long-life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life. See page 3 for detailed lumen maintenance information. 0-10V dimming driver, dims to 1% or 10% and contains non-isolated dimming leads.

**LISTINGS** — CSA Certified to meet US and Canadian standards. Tested to meet UL1598. Intended for indoor use only. Product is not to be stored in non-climate controlled spaces.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

Damp location listed. IC rated. IPSX rated. Long nomenclature, configurable product is rated for NSF/ANSI Standard 2 - Light Fixture for Splash Zone and Non Food Zone. Tested in accordance with ISO 14644-1; suitable for ISO Class 5-9 positive and negative pressure clean rooms. Suitable for ambient temperatures from 32°F (0°C) to 77°F (25°C).

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

*Dimensions*

	1x4	2x2	2x4
Length	47.72"	23.70"	47.72"
Width	11.85"	23.70"	23.70"
Depth	2.19"	2.19"	2.19"
Weight	13.9 lbs	7.4 lbs	15.1 lbs

\* Base configurations; options may add weight

Catalog Number
Notes
Type

# EPANL LED

1'x4', 2'x2', and 2'x4'



**Embed nLight controls today. Prepare for tomorrow.**

Now	Tomorrow
User-friendly install	Scalability
Enhanced energy savings	Space configuration
Code compliance	Future-ready

## A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a **shaded background**\*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a **shaded background**\*

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

# EPANL LED Flat Panel



A+ Capable options indicated by this color background.

## ORDERING INFORMATION

**Example:** EPANL 2X4 4000LM 80CRI 35K MIN1 MVOLT E10WCP NLTAIR2 RIO

Series	Width and Length	Lumens	CRI	Color Temperature	Minimum Dimming Level ‡	
EPANL LED Flat Panel	1x4 1'x4'	<u>Standard Lumens:</u>	80CRI 80 CRI	30K 3000K 35K 3500K 40K 4000K 50K 5000K	MIN10 Dims to 10% ‡ MIN1 Dims to 1%	
		1500LM 1500 Lumens				<u>High Efficiency Lumens:</u>
		3000LM 3000 Lumens				1500LMHE 1500 Lumens
	4000LM 4000 Lumens	3000LMHE 3000 Lumens				
	4800LM 4800 Lumens	4000LMHE 4000 Lumens				
	6000LM 6000 Lumens	4800LMHE 4800 Lumens				
	6000LM 6000 Lumens	6000LMHE 6000 Lumens				
	2x2 2'x2'	2000LM 2000 Lumens				2000LMHE 2000 Lumens
		3400LM 3400 Lumens				3400LMHE 3400 Lumens
4000LM 4000 Lumens		4000LMHE 4000 Lumens				
4800LM 4800 Lumens		4800LMHE 4800 Lumens				
2x4 2'x4'	3000LM 3000 Lumens	3000LMHE 3000 Lumens				
	4000LM 4000 Lumens	4000LMHE 4000 Lumens				
	4800LM 4800 Lumens	4800LMHE 4800 Lumens				
	5400LM 5400 Lumens	5400LMHE 5400 Lumens				
	6000LM 6000 Lumens	6000LMHE 6000 Lumens				
	6800LM 6800 Lumens	6800LMHE 6800 Lumens				
	7200LM 7200 Lumens	7200LMHE 7200 Lumens				

Dimming ‡	Voltage	Step Level Dimming	Emergency Option
ZT Generic 0-10V Dimming	MVOLT 120-277V	(Blank) None	E10WCP EM Self-Diagnostic battery pack, 10W Constant Power, Certified in CA Title 20 MAEDBS ‡
EZT eldoLED 0-10V Dimming	120 120V	SLD Step Level Dimming ‡	GTD Generator Transfer Device ‡
DALI eldoLED DALI	277 277V		EMG for use with NLIGHT or NLTAIR2 on generator supply EM power ‡
	347 347V ‡		

Control Options		
<b>Control Input</b> <u>nLight Wired:</u> NLIGHT nLight enabled, no constant lumen management CL80 NLIGHT nLight enabled, constant lumen output 80%	<b>Control</b> <u>nLight Wired: ‡</u> (blank) no control	<b>Individual Control</b> JOT Wireless room control with "Just One Touch" pairing ‡ JOTVTX15 Wireless occupancy sensor with "Just One Touch" pairing ‡
<u>nLight Wireless:</u> NLTAIR2 nLight AIR Generation 2 enabled ‡	<u>nLight Wireless:</u> RIO nLight AIR Radio module without sensor ‡ RES7 nLight AIR control with PIR integral occupancy sensor and automatic dimming photocell ‡ RES7PDT nLight AIR control with PDT dual technology integral occupancy sensor and automatic dimming photocell ‡	

Options	
GLR Fast-blowing fuse ‡	PWS1856LV 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage wires ‡
GMF Slow-blowing fuse ‡	CP Chicago plenum ‡
PWS1836 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit	NPLT Narrow Pallet
PWS1846 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit	BDP Factory Installed Ballast Disconnect Plug
PWS1846 PWSLV Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge ‡	RRL_ RELOC®-ready luminaire ‡

NOTE: ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restrictions chart on the next page. Options are sorted alphanumerically.

# EPANL LED Flat Panel

‡ Option Value Ordering Restrictions	
Option Value	Restriction
347	Not available with SLD, E10WCP, or GTD options.
Dimming	If Step Level Dimming (SLD) or NLIGHT or NLTAIR2 is specified, leave this section blank.
CP	Not available with nLight wired (NLIGHT), nLight wireless (NLTAIR2). Not available with PWS1836, PWS1846, PWS1856LV, or PWS1846 PWSLV.
E10WCP	Refer to Emergency Battery Estimated Lumen section for lumen estimation. Test Switch must be remote mounted or installed in an adjacent ceiling tile. When using pre-wire option, use PWS1846 or PWS1846 PWSLV.
EMG	Requires a connection to existing NLIGHT or NLTAIR2 network. Power is provided from separate nLight enabled fixture. When EMG is combined with NLTAIR2 see UL924 Sequence of Operation Chart on page 4.
GLR, GMF	Must specify voltage. 120 or 277, with GLR and GMF fusing.
GTD	Not available with JOT, JOTVTX15, sensor options or emergency battery options. Must specify voltage. Requires BSE labeling, voltage specific. Consult factory for options. Example: GTD BSE10.
JOT, JOTVTX15	Not available with NLIGHT, DALI, SLD, GTD, EMG, or NLTAIR2 options.
MIN10	Not available with EZT, NLIGHT or DALI.
Minimum Dimming Level	If Step Level Dimming (SLD) is specified, leave this section blank.
NLTAIR2	Only available with MIN1 minimum dimming level option.
PWS1846 PWSLV	Not available with GTD, nLight wired, nLight wireless, NLIGHT or NLTAIR2.
PWS1856LV	Not available with nLight wired, nLight wireless, NLIGHT, or NLTAIR2.
RES7, RES7PDT, RIO	See UL924 Sequence of Operation chart on page 4. Can be used as a normal power sensing device for nLight Air devices and luminaires with EM options.
RRL_	For ordering logic consult <a href="#">RRL 2013</a> .
SLD	Not available with with any nLight Interface, Control options, or GTD. When using prewire option use PWS1846.

## Tunable White (Select SKUs Only)

### Available SKUs:

- \*2735H0 EPANL 2X2 TUWH PROR 4800LM 80CRI NLT
- \*2735H9 EPANL 2X2 TUWH PROR 4800LM 80CRI NLT PWS1836
- \*2735HJ EPANL 2X2 TUWH PROR 4800LM 80CRI NLT E10WCP
- \*2735HN EPANL 2X2 TUWH PROR 4800LM 80CRI NLT E10WCP PWS1846

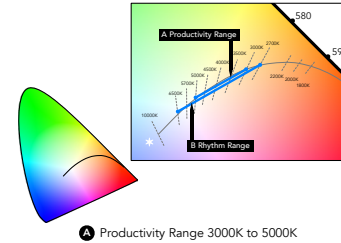
### Operating Performance:

Nomenclature	CCT	Lumens	Efficacy	CRI
EPANL 2X2 TUWH PROR 4800LM 80CRI NLT @ 3000K	3105	4527.53	98.81	80.78
EPANL 2X2 TUWH PROR 4800LM 80CRI NLT @ 4000K	3974	4920.24	127.2	83.85
EPANL 2X2 TUWH PROR 4800LM 80CRI NLT @ 5000K	4925	5004.18	123.41	82.89



### Tunable White GPHD

- **Gamut:** One dimensional Warm-Cool
- **Path:** Direct 3000K to 5000K (Productivity Range)
- **Handle:** Two Natural Language Handles: Intensity and CCT
- **Data:** nLight with nTune technology for both handles of control



**Mainstream Dynamic Tunable White with nTune Technology:** Tunable white nTune™ is an all-digital light color temperature control within an nLight enabled luminaire. This brings tunable white lighting control into the mainstream with repeatable, consistent results in an economical luminaire form and system already familiar to schools. Designers and facility operators are granted the freedom to tie scenes to specific activities or to complement colors or materials within a visual environment. nTune™ allows color temperature settings through the Productivity Range of 3000K-5000K. Refer to the Programming User's Guide for instructions on customizing to your application with SensorView.

### Lumen Maintenance:

EPANL	Reported Lumen Maintenance	Forecasted Lumen Maintenance
SE LEDs	L90 @ 41k Hrs / L80 @ >54k Hrs / L70 @ >54k Hrs	L90 @ 41k Hrs / L80 @ 84k Hrs / L70 @ 134k Hrs
HE LEDs	L90 @ 44k Hrs / L80 @ >54k Hrs / L70 @ >54k Hrs	L90 @ 44k Hrs / L80 @ 93k Hrs / L70 @ 148k Hrs

## ACCESSORIES

Accessories: Order as separate catalog number.	
DGA14	Drywall grid adapter for 1x4 recessed fixture.
DGA22	Drywall grid adapter for 2x2 recessed fixture.
DGA24	Drywall grid adapter for 2x4 recessed fixture.
PANLEM E10WCP BKT CVR	Field installable kit includes 10 watt battery, bracket and cover <sup>1</sup>
PANLEM BKT CVR	Field installable kit bracket and cover only, 10W battery NOT included <sup>1</sup>
2X2SMKSH	2'x2' Surface Mount Troffer Kit
2X4SMKSH	2'x4' Surface Mount Troffer Kit
1X4SMKSH	1'x4' Surface Mount Troffer Kit
BDP U	Field Installable Ballast Disconnect Plug
PAC 2DNF 36	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed, 36 inches. Recommended for 1X4 or 2X2 Panel Fixtures only. <sup>2</sup>
PAC 2DF 36	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 36 inches. Recommended for 1X4 or 2X2 Panel Fixtures only. <sup>2,3</sup>
PAC 4DNF 36	Panel Air Craft Kit, 4 cables, No Power Feed, 36 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures. <sup>2</sup>
PAC 4DF 36	Panel Air Craft Kit, 4 cables, with Power Feed, 36 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures. <sup>2,3</sup>
PAC 2DNF 72	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed 72 inches. Recommended for 1X4 or 2X2 Panel Fixtures only. <sup>2</sup>
PAC 2DF 72	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 72 inches. Recommended for 1X4 or 2X2 Panel Fixtures only. <sup>2,3</sup>
PAC 4DNF 72	Panel Air Craft Kit, 4 cables, No Power Feed, 72 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures. <sup>2</sup>
PAC 4DF 72	Panel Air Craft Kit, 4 cables, with Power Feed, 72 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures. <sup>2,3</sup>

Emergency Battery Estimated Lumens
Use the formula below to estimate the delivered lumens in emergency mode
<b>Estimated Lumens = 1.25 x P x LPW</b>
<b>P</b> = Output power of emergency driver (10W for PS1055CP)
<b>LPW</b> = Lumen per watt rating of the luminaire.

### SMKSH Accessory



#### Notes:

1. Test switch must be remote mounted or installed in an adjacent ceiling tile.
2. See Suspension Kits section below for additional detail.
3. For MVOLT only, not available with 347V

## Emergency Battery Pack Options – Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter / 2 Hour Runtime
ILB CP10 A	10W	90	1200	
ILBLP CP10 HE SD A	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic

All the above are UL Listed products that are certified for field install external/remote to the fixture.

\*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.

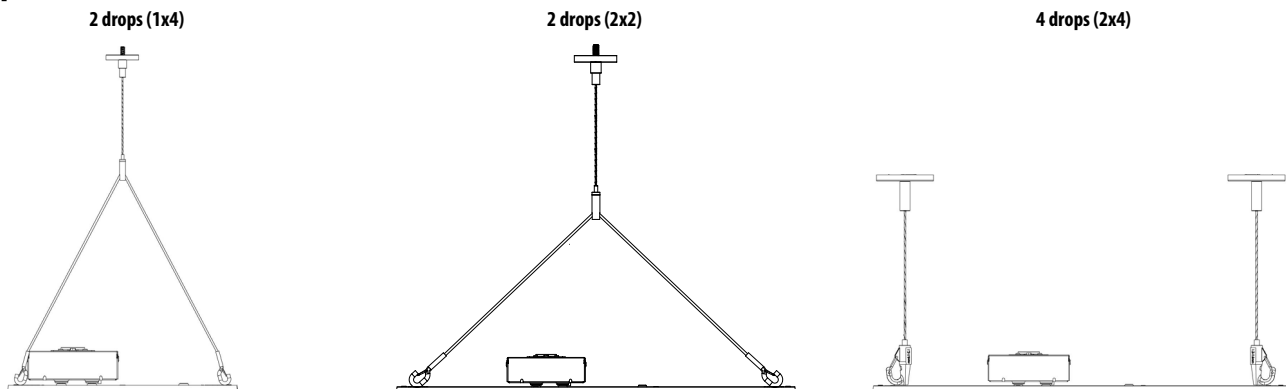
The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.

Please contact us at [techsupport@iotaengineering.com](mailto:techsupport@iotaengineering.com) for any Emergency Battery related questions.

### UL 924 Response – nLight AIR Devices with EM Option

- The below information applies to all nLight AIR devices with an EM option.
- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
  - Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
  - Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

## Suspension Kits

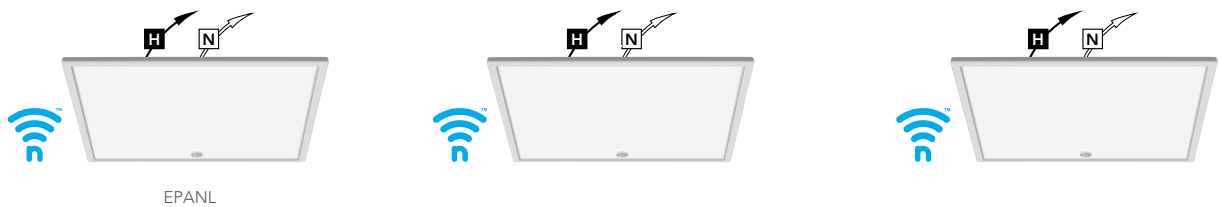


# EPANL LED Flat Panel

## nLight Platform

nLight embedded fixtures offer:	Customers get:
Manual Dimming	Convenience and visual comfort for occupants
Motion Sensing and/or Daylight Harvesting	Energy savings and code compliance
Fixture or Group Level Control	Ability to configure lighting to the space requirements
Flexibility	Ease of fixture moves, adds and changes
Wireless Wall Switch (nLight AIR Only)	Ease and flexibility of placement
Astronomical and Time of Day Scheduling	Energy savings and building security
Scalable Solution	nLight controls to grow with your business
Future-Ready	nLight platform to set foundation for future upgrades and capabilities

## nLight Air Wireless

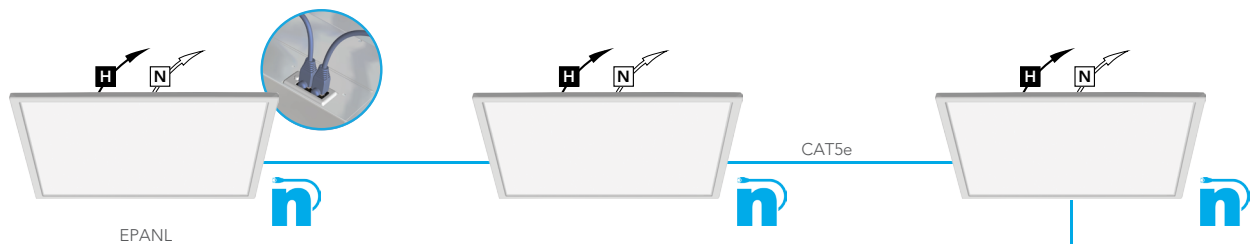


### Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With the CLAIRITY+ Pro app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome



## nLight Wired Networking



### Simple as 1,2,3

1. Install the nLight® Wired fixtures with nIO control
2. Install the nLight Wired wall switch
3. Connect the fixtures using standard CAT5e cables and the devices will automatically discover each other and work (plug and play)



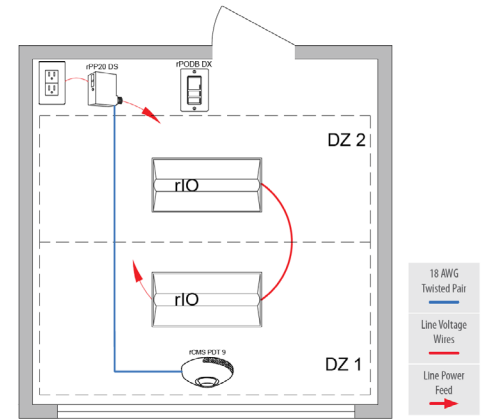
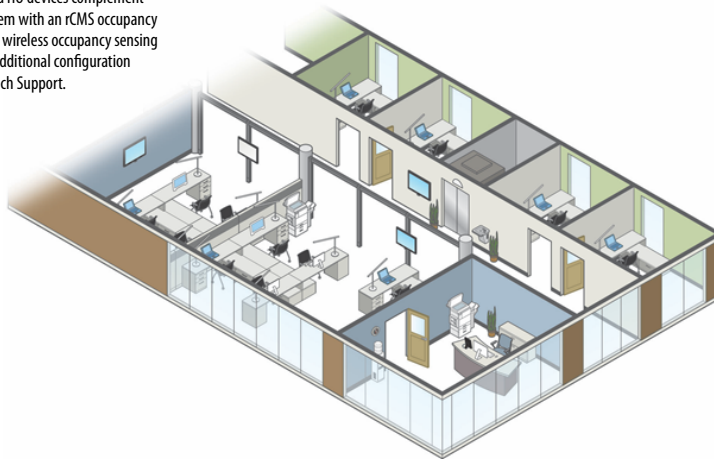
# EPANL LED Flat Panel

## Controls Accessories

nLight® Wired Control Accessories: <i>Order as separate catalog number. Visit <a href="http://www.acuitybrands.com/products/controls/nlight">www.acuitybrands.com/products/controls/nlight</a>.</i>			
<b>WallPod stations</b>	<b>Model number</b>	<b>Occupancy sensors</b>	<b>Model number</b>
On/Off	nPODMA [Color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 RJB / nCM PDT 9 RJB
On/Off & raise/lower	nPODMA DX [Color]	Large motion 360°, ceiling (PIR / dual tech)	nCM10 RJB / nCM PDT 10 RJB
Graphic touchscreen	nPOD TOUCH [Color]	Wall switch with raise/lower	nWSX PDT LV DX [color]
<b>Photocell controls</b>	<b>Model number</b>	<b>Cat-5 cable (plenum rated)</b>	<b>Model number</b>
Full range dimming	nCM ADCX RJB	10' cable	CATS 10FT J1
		30' cable	CATS 30FT J1

nLight® AIR Control Accessories: <i>Order as separate catalog number. Visit <a href="http://www.acuitybrands.com/products/controls/nlightair">www.acuitybrands.com/products/controls/nlightair</a>.</i>	
<b>Wall switches</b>	<b>Model number</b>
On/Off single pole	rPODBA [color] G2
On/Off two pole	rPODB A2P [color] G2
On/Off & raise/lower single pole	rPODBA DX [color] G2
On/Off & raise/lower two pole	rPODBA 2P DX [color] G2

EPANL fixtures with integrated rIO devices complement any small office space. Pair them with an rCMS occupancy sensor and the space now has wireless occupancy sensing and dimming capability. For additional configuration options please consult with Tech Support.



rCMS <sup>1</sup>		Example: RCMS PDT 10 AR G2					
Series / Detection	Power Supply <sup>1</sup>	Occupancy Detection	Lens (Required)	Operating Mode	Generation		
RCMS nLight AIR occupancy and daylight sensor	[blank] Power Supply ordered separately PS 150 Standard 150 mA Power Supply	[blank] PIR Detection PDT Dual Tech PIR/Microphonics	10 Large Motion/ Extended Range 360° 9 Small Motion/ Extended Range 360° 6 High Bay 360° Lens	[BLANK] None AR Auxiliary Relay	G2	Generation 2 compatibility	

**Notes**

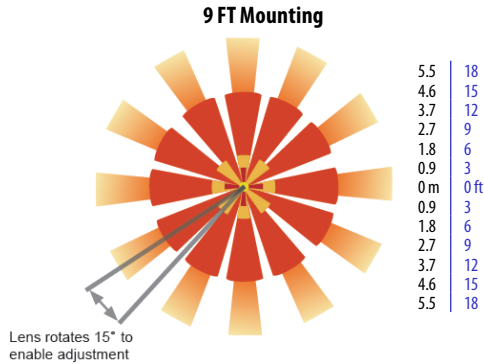
1 RCMS requires low voltage power from either RPP20 DS 24V G2 or PS150.





## Sensor Coverage Pattern Mini 360° Lens

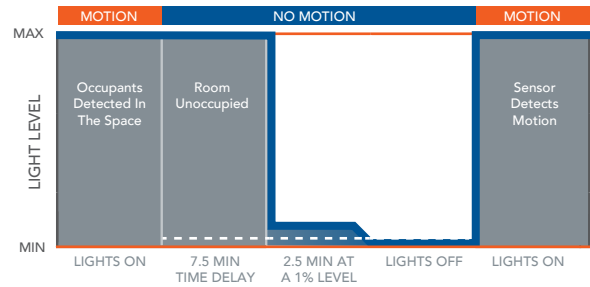
- Recommended for walking motion detection from mounting heights between 8 ft (2.44 m) and 20 ft (6.10 m)
- Initial detection of walking motion along sensor axes at distances of 2x the mounting height up to 15 ft (4.57 m) and
- 1.75x up to 20 ft (6.10 m).
- Provides 12 ft (3.66 m) radial detection of small motion when mounted at 9 ft (2.74 m)
- Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor



## nLight AIR Wireless

nLight AIR is the ideal solution for retrofit or new construction spaces where adding additional wiring can be labor intensive and nLight AIR is available with or without an integral sensor. The integrated rES7 or rES7PDT smart sensors are part of each luminaire in the nLight AIR network, which can be grouped to control multiple luminaires. The granularity of control with the digital PIR occupancy detection and daylight sensing makes a great solution for any application.

### Sequence of Operation (nES7 and Sensor)



\*The presetting on the automatic dimming photocell is 10fc (RES7).

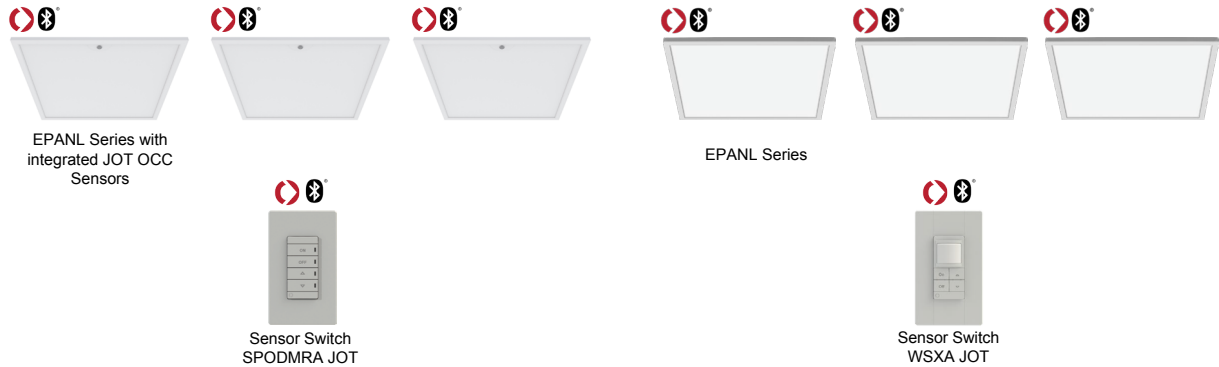
## Sensor Switch JOT



### Sensor Switch JOT Enabled Wireless Solution

Designed with contractors in mind, the Sensor Switch JOT enabled wireless solution offers a straightforward approach to the installation and pairing of lighting fixtures and controls. Absolutely no 0-10V control wires and no mobile apps are needed with JOT enabled products, allowing for lightning speed installation right out of the box.

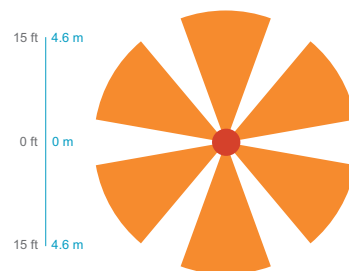
- 1. Power:** Install JOT enabled fixtures and controls as instructed.
- 2. Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
- 3. Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.



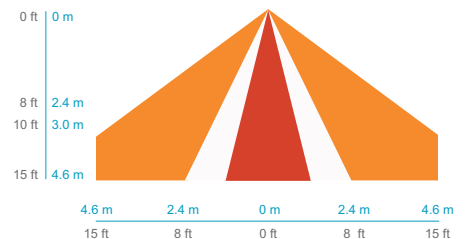
## 15F - LARGE MOTION EXTENDED RANGE 360

- Optimized full coverage from 8 ft - 15 ft (2.4 m - 4.5 m) mounting heights
- Reliable detection of large motion (e.g. pedestrian walking traffic)
- 1.3 x mounting height equals approximate detection range

### TOP VIEW



### SIDE VIEW



# EPANL LED Flat Panel

Performance Data					
Model No.	DLC Classification	Lumens	Watts	LPW	DLC Product Id
EPANL 1X4 1500LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1511	14	108	
EPANL 1X4 1500LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1511	14	108	
EPANL 1X4 1500LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	1574	14	113	PII6VKUP
EPANL 1X4 1500LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1574	14	113	
EPANL 1X4 1500LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	1637	14	117	P7MFGP4R
EPANL 1X4 1500LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1637	14	117	
EPANL 1X4 1500LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	1699	14	122	PS9YYBOV
EPANL 1X4 1500LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1699	14	122	
EPANL 1X4 1500LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1419	12	119	
EPANL 1X4 1500LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1419	12	119	
EPANL 1X4 1500LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1457	12	122	
EPANL 1X4 1500LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1457	12	122	
EPANL 1X4 1500LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1508	12	127	
EPANL 1X4 1500LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1508	12	127	
EPANL 1X4 1500LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1543	12	130	
EPANL 1X4 1500LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1543	12	130	
EPANL 1X4 3000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2841	27	106	
EPANL 1X4 3000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2841	27	106	
EPANL 1X4 3000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2960	27	110	PSL7HREA
EPANL 1X4 3000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2960	27	110	
EPANL 1X4 3000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3078	27	114	PICIQWDG
EPANL 1X4 3000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3078	27	114	
EPANL 1X4 3000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3197	27	119	P4AJOGI1
EPANL 1X4 3000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3197	27	119	
EPANL 1X4 3000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2771	23	123	
EPANL 1X4 3000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2771	23	123	
EPANL 1X4 3000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2845	23	126	
EPANL 1X4 3000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2845	23	126	
EPANL 1X4 3000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2945	23	130	
EPANL 1X4 3000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2945	23	130	
EPANL 1X4 3000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3012	23	133	
EPANL 1X4 3000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3012	23	133	
EPANL 1X4 4000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	3426	31	111	
EPANL 1X4 4000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3659	37	100	
EPANL 1X4 4000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3659	37	100	
EPANL 1X4 4000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3811	37	104	
EPANL 1X4 4000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3811	37	104	
EPANL 1X4 4000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3963	37	107	P4SKVRJP
EPANL 1X4 4000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3963	37	107	
EPANL 1X4 4000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4116	37	111	PFCL1300
EPANL 1X4 4000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4116	37	111	
EPANL 1X4 4000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3667	31	120	
EPANL 1X4 4000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3667	31	120	
EPANL 1X4 4000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3765	31	123	
EPANL 1X4 4000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3765	31	123	
EPANL 1X4 4000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3897	31	128	
EPANL 1X4 4000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3897	31	128	
EPANL 1X4 4000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3985	31	130	
EPANL 1X4 4000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3985	31	130	
EPANL 1X4 4800LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4633	45	104	PVIRSOQB
EPANL 1X4 4800LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4633	45	104	
EPANL 1X4 4800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4807	45	108	PIQUALNF
EPANL 1X4 4800LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4807	45	108	
EPANL 1X4 4800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4923	45	110	PR3K6SHH
EPANL 1X4 4800LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4923	45	110	
EPANL 1X4 4800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4967	45	111	PIS28TOX
EPANL 1X4 4800LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4967	45	111	
EPANL 1X4 4800LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4340	37	117	
EPANL 1X4 4800LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4340	37	117	
EPANL 1X4 4800LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4456	37	120	
EPANL 1X4 4800LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4456	37	120	
EPANL 1X4 4800LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4612	37	124	
EPANL 1X4 4800LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4612	37	124	
EPANL 1X4 4800LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4717	37	127	
EPANL 1X4 4800LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4717	37	127	
EPANL 1X4 5400LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5156	44	116	PKIBC75K

# EPANL LED Flat Panel

Performance Data					
Model No.	DLC Classification	Lumens	Watts	LPW	DLC Product Id
EPANL 1X4 5400LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5156	44	116	
EPANL 1X4 5400LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5272	44	119	PNX0E6ZR
EPANL 1X4 5400LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5272	44	119	
EPANL 1X4 5400LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5490	44	124	PF0B5KQD
EPANL 1X4 5400LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5490	44	128	
EPANL 1X4 5400LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5665	44	128	PECOGL65
EPANL 1X4 5400LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5665	44	130	
EPANL 1X4 6000LM 80CRI 30K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5953	55	109	PSBGKZ54
EPANL 1X4 6000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5953	51	117	P25AS4VW
EPANL 1X4 6000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5953	51	117	
EPANL 1X4 6000LM 80CRI 35K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5997	55	110	P8R62RB3
EPANL 1X4 6000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5997	51	118	PECOZVXY
EPANL 1X4 6000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5997	51	118	
EPANL 1X4 6000LM 80CRI 40K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6171	55	113	PC28H7F3
EPANL 1X4 6000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6171	51	121	PJ2LT8RF
EPANL 1X4 6000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6171	51	121	
EPANL 1X4 6000LM 80CRI 50K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6240	55	114	PIY82204
EPANL 1X4 6000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6240	51	123	PL6024K5
EPANL 1X4 6000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6240	51	123	
EPANL 2X2 2000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1988	19	106	
EPANL 2X2 2000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1988	19	106	
EPANL 2X2 2000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2071	19	110	P716D3WI
EPANL 2X2 2000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2071	19	110	
EPANL 2X2 2000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2154	19	115	PPTL71HY
EPANL 2X2 2000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2154	19	115	
EPANL 2X2 2000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2237	19	119	POOY8NZ2
EPANL 2X2 2000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2237	19	119	
EPANL 2X2 2000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1856	16	119	
EPANL 2X2 2000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1856	16	119	
EPANL 2X2 2000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1906	16	123	
EPANL 2X2 2000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1906	16	123	
EPANL 2X2 2000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1972	16	127	
EPANL 2X2 2000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1972	16	127	
EPANL 2X2 2000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2017	16	130	
EPANL 2X2 2000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2017	16	130	
EPANL 2X2 3400LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3291	30	109	P2QQIV0K
EPANL 2X2 3400LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3291	30	109	
EPANL 2X2 3400LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3428	30	113	PQAFPPJ6
EPANL 2X2 3400LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	3428	30	113	
EPANL 2X2 3400LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3428	30	113	
EPANL 2X2 3400LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3566	30	118	PY8MM627
EPANL 2X2 3400LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	3566	30	118	PMKTPCS2
EPANL 2X2 3400LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3566	30	118	
EPANL 2X2 3400LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3703	30	122	PCRM0D2R
EPANL 2X2 3400LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3703	30	122	
EPANL 2X2 3400LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3198	27	121	PWJ6HVP3
EPANL 2X2 3400LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3198	27	121	
EPANL 2X2 3400LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3285	27	124	PBV78YXA
EPANL 2X2 3400LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3285	27	124	
EPANL 2X2 3400LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3399	27	128	PBMB5QA8
EPANL 2X2 3400LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3399	27	128	
EPANL 2X2 3400LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3477	27	131	PU32L41S
EPANL 2X2 3400LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3477	27	131	
EPANL 2X2 4000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3804	37	104	
EPANL 2X2 4000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3804	37	104	
EPANL 2X2 4000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3963	37	108	
EPANL 2X2 4000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3963	37	108	
EPANL 2X2 4000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4121	37	110	PW0040LR
EPANL 2X2 4000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4121	37	110	
EPANL 2X2 4000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4280	37	114	P206CXK4
EPANL 2X2 4000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	4280	37	114	
EPANL 2X2 4000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4280	37	114	
EPANL 2X2 4000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3874	33	118	
EPANL 2X2 4000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3874	33	118	
EPANL 2X2 4000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3978	33	121	
EPANL 2X2 4000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3978	33	121	

# EPANL LED Flat Panel

Performance Data					
Model No.	DLC Classification	Lumens	Watts	LPW	DLC Product Id
EPANL 2X2 4000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4117	33	125	
EPANL 2X2 4000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4117	33	125	
EPANL 2X2 4000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4211	33	128	
EPANL 2X2 4000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4211	33	128	
EPANL 2X2 4800LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4558	45	102	
EPANL 2X2 4800LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4558	45	102	
EPANL 2X2 4800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4729	45	106	
EPANL 2X2 4800LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4729	45	106	
EPANL 2X2 4800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4843	45	109	PS2AC19A
EPANL 2X2 4800LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4843	45	109	
EPANL 2X2 4800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	4886	45	110	
EPANL 2X2 4800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4886	45	110	P89SURCD
EPANL 2X2 4800LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4886	45	110	
EPANL 2X2 4800LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4420	36	121	
EPANL 2X2 4800LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4420	36	121	
EPANL 2X2 4800LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4539	36	125	
EPANL 2X2 4800LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4539	36	125	
EPANL 2X2 4800LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4697	36	129	
EPANL 2X2 4800LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4697	36	129	
EPANL 2X2 4800LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4804	36	132	
EPANL 2X2 4800LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4804	36	132	
EPANL 2X4 3000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3015	29	106	
EPANL 2X4 3000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3015	29	106	
EPANL 2X4 3000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3141	29	110	P4PIGUFW
EPANL 2X4 3000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3141	29	110	
EPANL 2X4 3000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3266	29	115	PSPB7FBG
EPANL 2X4 3000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3266	29	115	
EPANL 2X4 3000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3392	29	119	PSLOA6G7
EPANL 2X4 3000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3392	29	119	
EPANL 2X4 3000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2943	23	129	PNSQ2LMI
EPANL 2X4 3000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2943	23	129	
EPANL 2X4 3000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2986	23	131	P84A41CZ
EPANL 2X4 3000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2986	23	131	
EPANL 2X4 3000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3071	23	135	P0S68XSR
EPANL 2X4 3000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3071	23	135	
EPANL 2X4 3000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3114	23	137	PW2SV5X9
EPANL 2X4 3000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3114	23	137	
EPANL 2X4 3760LMHE 80CRI 40K MIN10 ZT MVOLT NACV	Standard	3984	27	147	PQMB5PAR
EPANL 2X4 4000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3914	38	104	
EPANL 2X4 4000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3914	38	104	
EPANL 2X4 4000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4077	38	108	PG2MHOZE
EPANL 2X4 4000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4077	38	108	
EPANL 2X4 4000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4240	38	113	PNKUCIAA
EPANL 2X4 4000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	4240	38	113	
EPANL 2X4 4000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4240	38	113	
EPANL 2X4 4000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4403	38	117	P94H4XFG
EPANL 2X4 4000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4403	38	117	
EPANL 2X4 4000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3874	31	123	PT1H08CF
EPANL 2X4 4000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3874	31	123	
EPANL 2X4 4000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3930	31	125	P8VKRLEE
EPANL 2X4 4000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3930	31	125	
EPANL 2X4 4000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4042	31	129	PW2KT9FQ
EPANL 2X4 4000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4042	31	129	
EPANL 2X4 4000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4098	31	130	PD7JL7CS
EPANL 2X4 4000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4098	31	130	
EPANL 2X4 4800LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4817	45	107	
EPANL 2X4 4800LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4817	45	107	
EPANL 2X4 4800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4998	45	111	P8FFEBQH
EPANL 2X4 4800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	4998	45	111	
EPANL 2X4 4800LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4998	45	111	
EPANL 2X4 4800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5119	45	113	PL3AU798
EPANL 2X4 4800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	5119	45	113	
EPANL 2X4 4800LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5119	45	113	
EPANL 2X4 4800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5164	45	114	P8TD4A4V
EPANL 2X4 4800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	5164	48	107	
EPANL 2X4 4800LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5164	45	114	



# EPANL LED Flat Panel

Performance Data					
Model No.	DLC Classification	Lumens	Watts	LPW	DLC Product Id
EPANL 2X4 4800LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4491	37	120	
EPANL 2X4 4800LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4491	37	120	
EPANL 2X4 4800LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4612	37	123	
EPANL 2X4 4800LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4612	37	123	
EPANL 2X4 4800LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4773	37	127	
EPANL 2X4 4800LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4773	37	127	
EPANL 2X4 4800LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4882	37	130	
EPANL 2X4 4800LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4882	37	130	
EPANL 2X4 5000LMHE 80CRI 40K MIN10 ZT MVOLT NACV	Standard	5218	37	141	PL4KIXE5
EPANL 2X4 5400LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5345	49	109	PJAOIUUK
EPANL 2X4 5400LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5345	49	109	
EPANL 2X4 5400LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5546	49	113	PVKKX9GJ
EPANL 2X4 5400LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5546	49	113	
EPANL 2X4 5400LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5679	49	116	P31GEZNP
EPANL 2X4 5400LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5679	49	116	
EPANL 2X4 5400LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5730	49	117	PWRHGEH4
EPANL 2X4 5400LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5730	49	117	
EPANL 2X4 5400LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5302	41	131	P3J0ACOV
EPANL 2X4 5400LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5302	41	128	PNWXLXM3
EPANL 2X4 5400LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5302	41	131	
EPANL 2X4 5400LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5421	41	134	P4E4JYPW
EPANL 2X4 5400LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5421	41	131	PPKAF154
EPANL 2X4 5400LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5421	41	134	
EPANL 2X4 5400LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5645	41	139	PWCONHMMW
EPANL 2X4 5400LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5645	41	137	PZRLJ13L
EPANL 2X4 5400LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5645	41	139	
EPANL 2X4 5400LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5825	41	144	PDKG7XHY
EPANL 2X4 5400LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5825	41	141	P36758NK
EPANL 2X4 5400LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5825	41	144	
EPANL 2X4 5757LMHE 80CRI 40K MIN10 ZT MVOLT NACV	Standard	5776	40	143	P71Q69QD
EPANL 2X4 6000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6318	50	126	PCMK605N
EPANL 2X4 6000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6318	50	126	
EPANL 2X4 6000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6364	50	127	PMH12SAT
EPANL 2X4 6000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6364	55	115	PD2QM1LA
EPANL 2X4 6000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6364	50	127	
EPANL 2X4 6000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6548	50	131	P4H3UGFQ
EPANL 2X4 6000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6548	50	132	
EPANL 2X4 6000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6622	50	132	P167DCJS
EPANL 2X4 6000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6622	50	132	
EPANL 2X4 6000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5755	43	135	P6JUAFCl
EPANL 2X4 6000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5755	45	128	PDDV7MOA
EPANL 2X4 6000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5755	43	135	
EPANL 2X4 6000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5884	43	138	PENZU105
EPANL 2X4 6000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5884	45	131	PIVHYPP1
EPANL 2X4 6000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5884	43	138	
EPANL 2X4 6000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6127	43	144	P2GV0FOB
EPANL 2X4 6000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6127	45	136	P80ASLE2
EPANL 2X4 6000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6127	43	144	
EPANL 2X4 6000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6322	43	148	PZZYBV55
EPANL 2X4 6000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6322	45	140	P888TMSU
EPANL 2X4 6000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6322	43	148	
EPANL 2X4 6800LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7013	62	113	PSV30WTM
EPANL 2X4 6800LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7013	62	113	
EPANL 2X4 6800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7064	62	114	PWGICRXA
EPANL 2X4 6800LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7064	62	114	
EPANL 2X4 6800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7269	62	117	PPU6PYNE
EPANL 2X4 6800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	7269	62	111	PTRH2WMJ
EPANL 2X4 6800LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7269	62	117	
EPANL 2X4 6800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7351	62	118	PHDEORE3
EPANL 2X4 6800LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7351	62	118	
EPANL 2X4 6800LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6450	48	135	PTT9MBX1
EPANL 2X4 6800LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6450	48	135	
EPANL 2X4 6800LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6596	48	138	PICAPAMD
EPANL 2X4 6800LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6596	48	138	
EPANL 2X4 6800LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6868	48	144	P8IULOJ1
EPANL 2X4 6800LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6868	48	144	

# EPANL LED Flat Panel

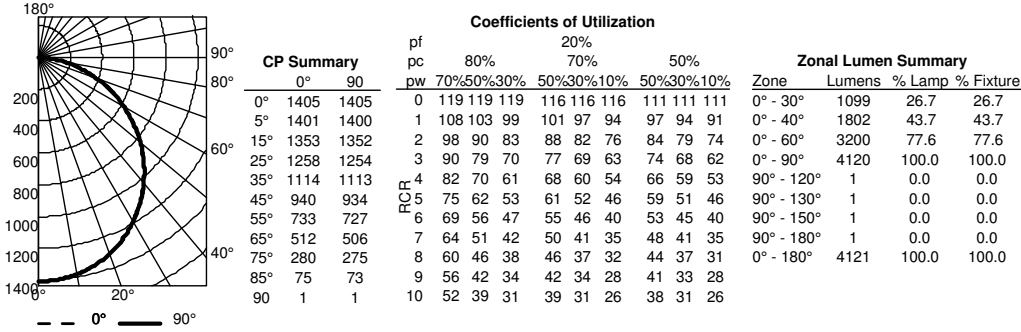
Performance Data					
Model No.	DLC Classification	Lumens	Watts	LPW	DLC Product Id
EPANL 2X4 6800LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7086	48	149	PUZSKKJQ
EPANL 2X4 6800LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7086	48	149	
EPANL 2X4 7200LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7388	66	113	PWVK6LER
EPANL 2X4 7200LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	7388	70	106	
EPANL 2X4 7200LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7388	66	111	
EPANL 2X4 7200LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7442	66	112	P57KW7H4
EPANL 2X4 7200LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	7442	70	107	
EPANL 2X4 7200LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7442	66	112	
EPANL 2X4 7200LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7657	66	115	P2GQ1ISA
EPANL 2X4 7200LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	7657	70	110	PNWQLGKR
EPANL 2X4 7200LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7657	66	115	
EPANL 2X4 7200LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7744	66	117	PQMRLFRM
EPANL 2X4 7200LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	7744	70	111	PIIH40FQ
EPANL 2X4 7200LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7744	66	117	
EPANL 2X4 7200LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6792	50	137	PJNOUK7J
EPANL 2X4 7200LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6792	50	137	
EPANL 2X4 7200LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6945	50	140	PHWEYLOD
EPANL 2X4 7200LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6945	50	140	
EPANL 2X4 7200LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7232	50	146	PW3RZAGO
EPANL 2X4 7200LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7232	50	146	
EPANL 2X4 7200LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7462	50	151	PPYDM8D6
EPANL 2X4 7200LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7462	50	151	

# EPANL LED Flat Panel

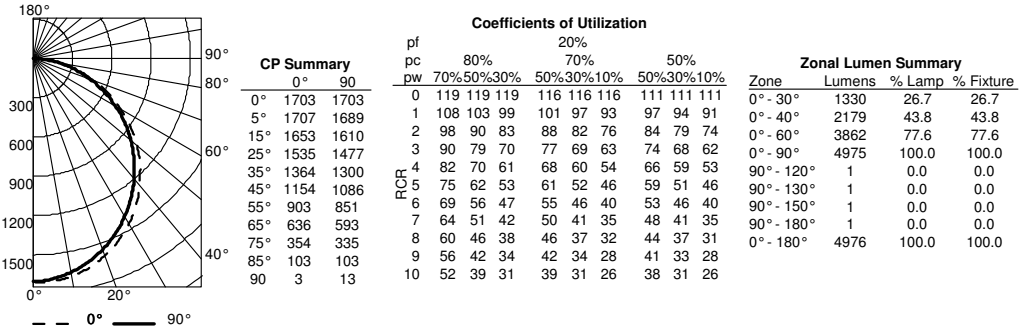
## PHOTOMETRICS

Full Photometric data is available on [Lithonia.acuitybrands.com](http://Lithonia.acuitybrands.com)

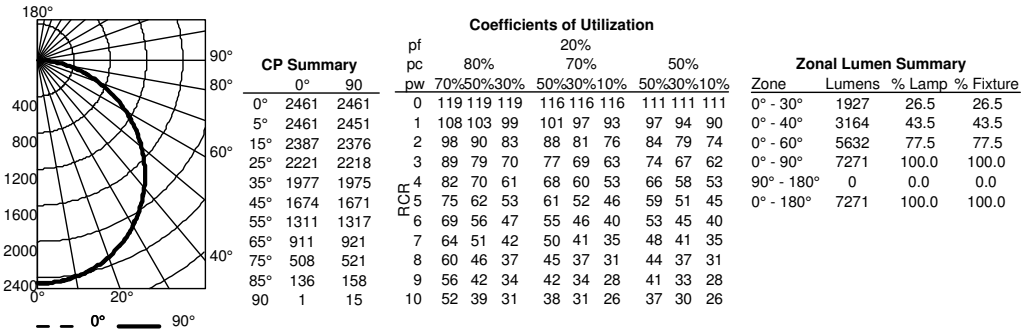
### EPANL 2x2 4000LM 80CRI 40K, 4121 delivered lumens.



### EPANL 2x4 4800LM 80CRI 40K, 5119 delivered lumens.

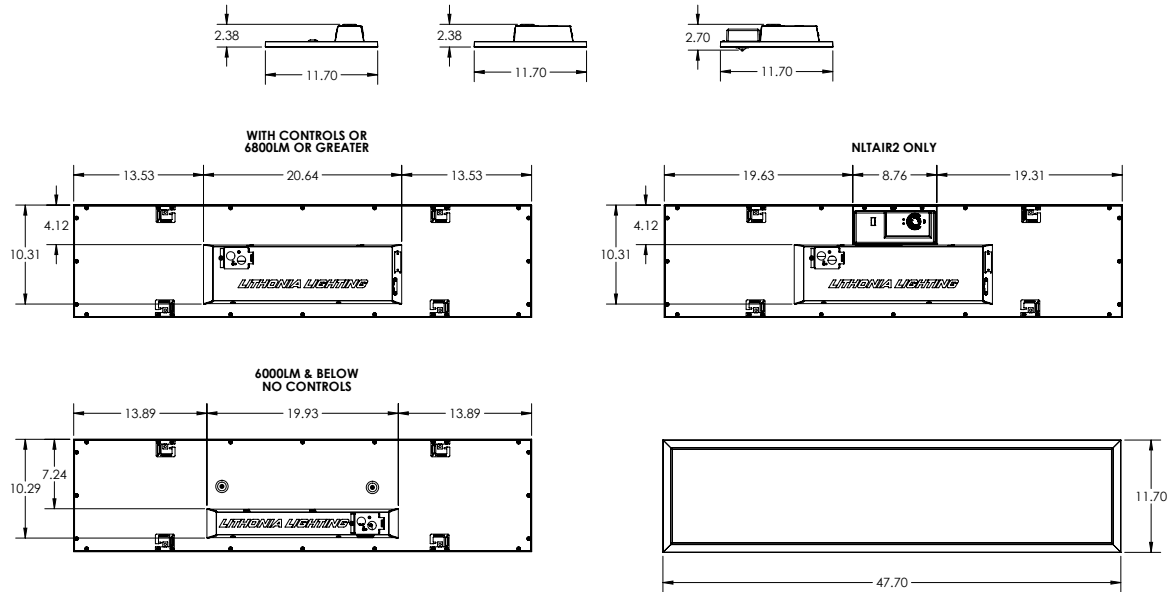


### EPANL 2x4 6800LM 80CRI 40K, 7269 delivered lumens.

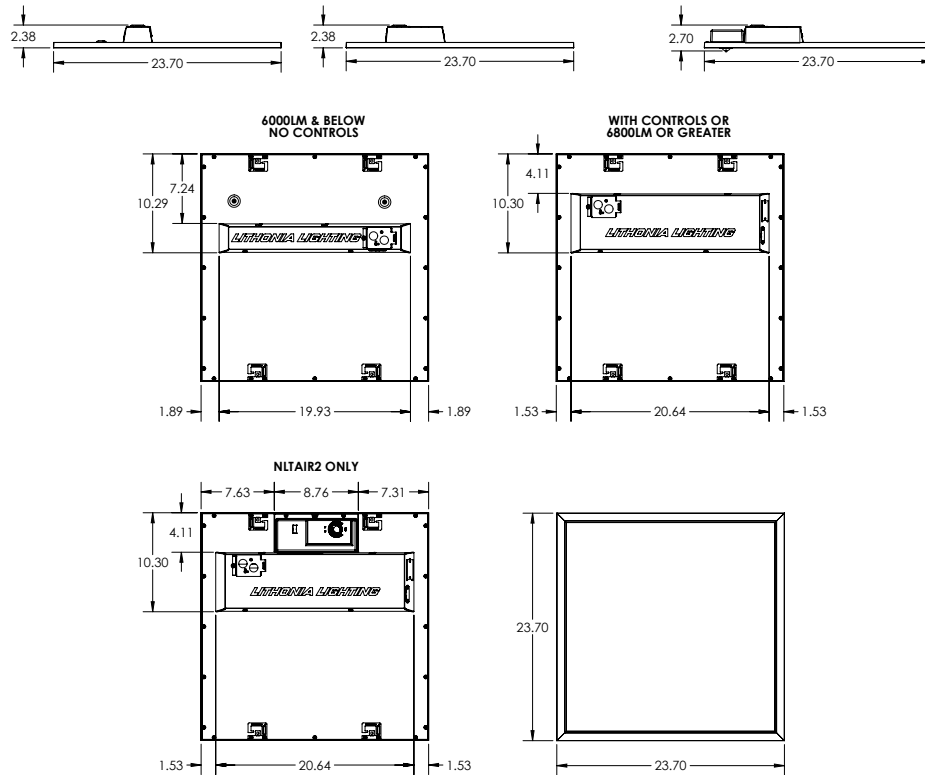


## DIMENSIONS

### 1X4 Configurations



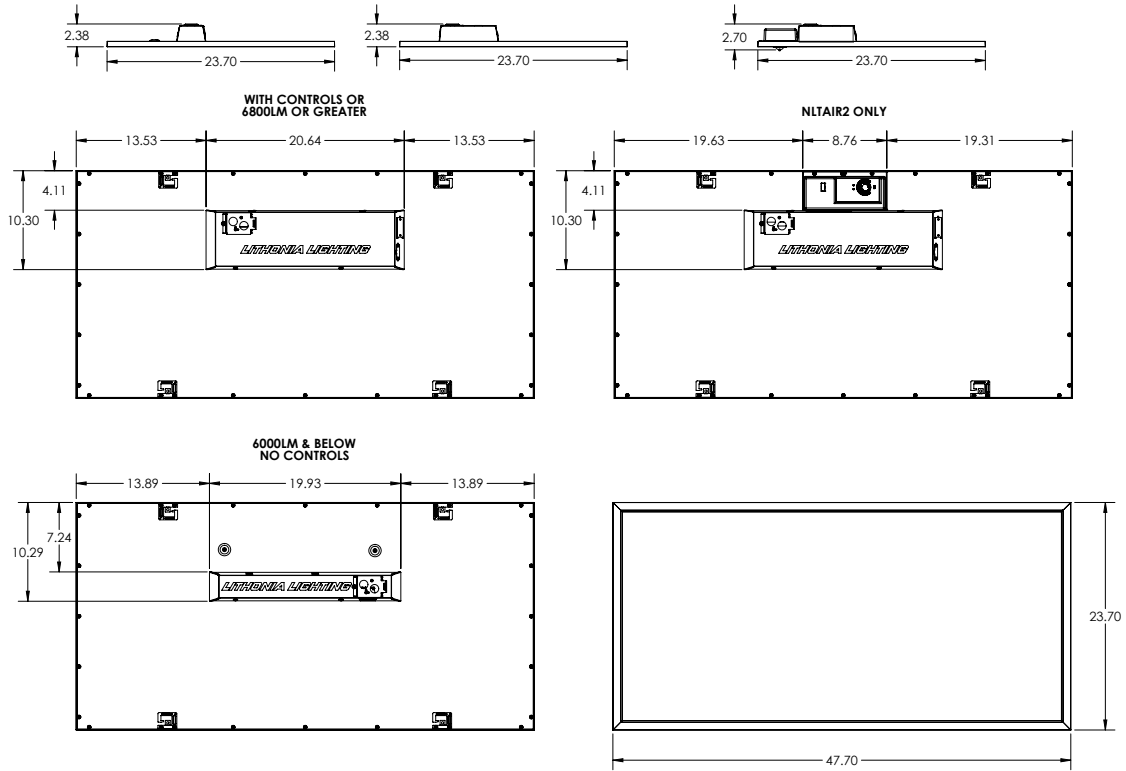
### 2X2 Configurations





DIMENSIONS (continued)

2X4 Configurations



## FEATURES & SPECIFICATIONS

### INTENDED USE

The FML4W wide housing LED wrap was designed with the renovator in mind. Available with switchable CCT and adjustable lumen output for use in multiple applications of varying size. While compatible with new construction, it's no mystery the flexibility of the FML4W will keep renovation simple. A wider housing easily covers up existing blemishes from older fixtures, while the option to adjust lumens grants the perfect amount of light to any room. This is capped off by two dimming options; standard 0-10v dimming and for easy install, triac dimming. Triac dimming is connected straight through line voltage for easy dimming compatibility, especially in renovation or retrofit projects.

All this means the FML4W shines in closets, foyers, hallways, laundry rooms, bedrooms, offices, utility work areas, and more.

### CONSTRUCTION

The LED wrap is constructed of a metal housing with decorative plastic end caps. The white polycarbonate diffuser provides even illumination and softens the appearance of the LEDs for a uniform appearance from below the ceiling.

### OPTICS

Triac Dimming (TD): Wrap is 5,000 lumens at 120V only.

AL06: Wraps are switchable between 4,000, 5,000, and 6,000 lumens (MVOLT).

ZT: Wraps produce 5,000 lumens (MVOLT).

All versions are rated for 60,000 hours life.

Thermal formed diffuser is of highly transmissive material to minimize lamp image and provides high-angle brightness control. One piece contemporary design wrap around diffuser softens appearance for improved aesthetics.

### ELECTRICAL

Long-life LEDs, coupled with a high-efficiency driver, provide extended service life. FML4W is rated to deliver L85 performance at 60,000 hours. Fixture operates at 120 OR 120/277 volts, 60Hz. ZT MVOLT (120/277v) version has 0-10V dimming driver, dims to 10%. Triac Dimming (120V) allows dimming of the fixture through line voltage. Fixture mounts to recessed junction box, electrical connections must be made inside junction box.

### LISTINGS

CSA certified to US and Canadian standards. Listed for damp locations.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified

### WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

[www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**NOTE:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

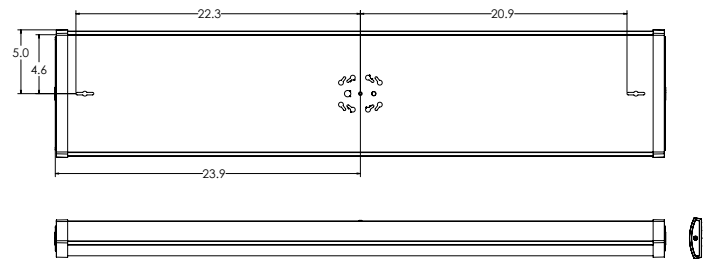
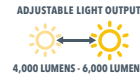
Specifications subject to change without notice.

Catalog Number
Notes
Type

# FML4W Low Profile LED Wraparound



LINEAR LED



### Specifications

Width: 10 (25.4)

Length: 47 7/8 (121.6)

Depth: 3 (7.62)

Weight: 6.6 lb 2.99kg

All dimensions are inches (centimeters) unless otherwise indicated.

**CS** Looking for Contractor Select readily available configurations? Click here to visit Contractor Select™ spec sheet or go to [www.contractorselect.com](http://www.contractorselect.com)

Catalog Number	CRI	Nominal Lumens	Color Temperature	Dimming	Voltage	Watts
FML4W 48 5000LM 835 ZT MVOLT	>80	5000	3500K	0-10V	120-277V	53.4
FML4W 48 5000LM 840 ZT MVOLT	>80	5000	4000K	0-10V	120-277V	53.4
FML4W 48 AL06 SEF 835 MVOLT	>80	4000, 5000, 6000	3500K	0-10V*	120-277V	49
FML4W 48 AL06 SEF 840 MVOLT	>80	4000, 5000, 6000	4000K	0-10V*	120-277V	49
FML4W 48 5000LM 840 TD	>80	5000	4000K	Triac Dimming	120V	53.4

<b>Replacement parts</b>
<b>RK3FML4W LENS</b> White polycarbonate diffuser

Note: \*When using 0-10v dimming with AL0 options it is recommended to set the AL0 to the MAX output.

# FML4W LED Linear Flush Mount

## Recommended Dimmers (Triac Dimming):

*This list of dimmers does not imply any guarantee or warranty of compatibility within a given application. Dimmers not listed do not imply non-compatibility.*

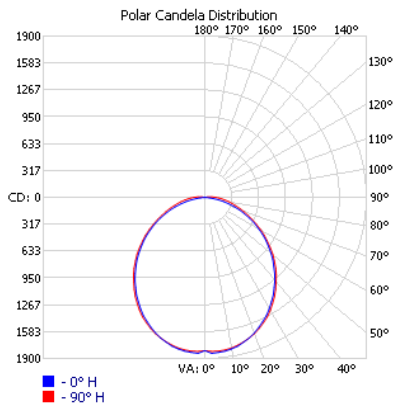
Manufacturer	Part Number (s)
Leviton	6672
Leviton	DSL06
Lutron	AYCL-153P
Lutron	CTCL-150H
Lutron	DVCL-153P
Lutron	PD-5NE



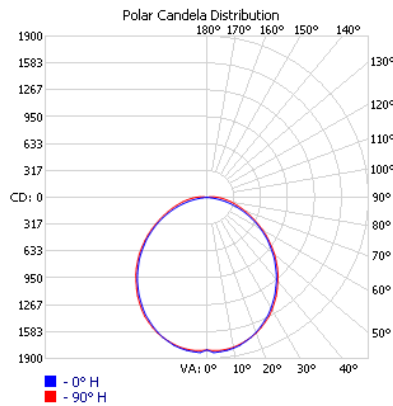
For AL06 configurations

## PHOTOMETRICS

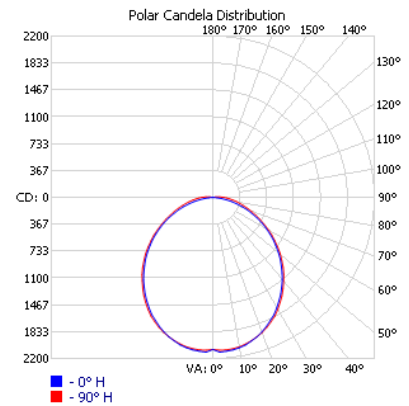
FML4W 48 5000LM 840 TD: 5113 Lumens



FML4W 48 5000LM 840 ZT MVOLT: 5089 Lumens



FML4W 48 AL06 SEF 840 MVOL: 5874 Lumens



## OVERVIEW

The nLight® AIR rPODBA is a wireless, battery-powered wall switch including toggle and/or raise lower features with optional multi-pole control. It provides a user with local control of a lighting zone. A true wire-free switch, these single gang decorator style devices have soft-click buttons and a green LED indicator for each button. The wall switches communicate with other nLight AIR devices via radio frequency (RF). A battery-powered wall switch can work with any nLight AIR enabled fixture or power pack to provide toggle switch operation. Wall switches with the DX option have the added ability to adjust the level of any nLight AIR controlled dimmable light fixture.

## FEATURES

- Powered with three off-the-shelf lithium AAA batteries and rated for 10 years of normal use, minimizing battery replacement. (Battery replacement with alkaline batteries does not guarantee a 10-year run time.)
- Communicates with nLight AIR devices via radio frequency (RF) in the 900MHz spectrum
- Soft-click push-button control
- Single pole or two pole on/off control with optional raise/lower option ("DX" option)
- 2 or 4 preset scene control fully configurable via CLAIRITY™+ mobile app
- Maximum of 4 total preset scenes per nLight AIR group
- Batteries are included and preinstalled, allowing for a simple unbox and mount installation
- Wireless multi location dimming

## CUSTOM BUTTON ENGRAVING

- Custom lettering for units can be specified and ordered at: [nGrave Form](#)
- To ensure color uniformity, ordering templates facilitate specifying all buttons on a unit as custom lettered. Replacing single buttons is not recommended
- Custom buttons will ship separately and require field installation

## Warranty

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



This item is an A+ capable component, which has been designed and tested to provide out-of-the-box luminaire compatibility with simple commissioning, when included as part of an A+ Certified™ Solution.

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

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## nLight® AIR rPODBA: Battery-Powered Wall Switch



**Note:** nLight® AIR devices are only compatible with other nLight AIR enabled devices and are not cross compatible with other nLight product lines at this time.

rPODBA		Example: RPODBA 2P DX WH G2		
Series	Poles & Scenes	Dimming Control	Color	Generation
RPODBA	[blank] Single Pole 2P Two Pole 2S 2 Scene control (2 buttons) 4S 4 Scene control (4 buttons)	[blank] On/Off Control DX On/Off + Raise/Lower Control	WH White IV Ivory AL Light Almond BK Black GY Gray RD Red	G2 Generation 2 Compatibility

## ORDERING INFORMATION

All rPODBA switches are shipped with wall plates, however, the following order information is available to acquire replacement wall plates.

Wall Plate - Additional or Replacement						
Series	# of Gangs	Color			Packaging	
WS XPODA Wall Plates (Standard) SSW Sealed Covers	1 GNG Single Gang	WH White IV Ivory GY <sup>2</sup> Gray	AL <sup>2</sup> Light Almond BK <sup>2</sup> Black RD Red	VP <sup>2</sup> Variety Pack	[blank] Single Unit <sup>3</sup> M5 <sup>2</sup> 5 Pack M6 <sup>1,2</sup> 6 Pack	

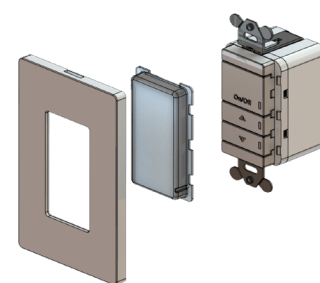
Accessories	
RPODBA MOUNTRING	Replacement mounting ring for rPODBA and rPODB switches
SSW 1GNG WH	Sealed screwless wall plate to prevent liquid intrusion, white
SSW 1GNG IV	Sealed screwless wall plate to prevent liquid intrusion, ivory
SSW 1GNG RD	Sealed screwless wall plate to prevent liquid intrusion, red

1. Available only for variety pack.
2. Not available for SSW series.
3. Single units only available for SSW series.

## WALL SWITCH CLEANING

It will occasionally be necessary to clean the wall switches. All rPODBA switches may be wiped down with a soft cloth or paper towel dampened with glass cleaner, vinegar and water, hydrogen peroxide, or a mild abrasive. Spray a limited amount on the cloth or paper towel prior to applying. Do not spray cleaner on the switches directly, and do not wipe the switches down with a towel saturated (drips when wrung out) with cleaner.

If the ability to clean the switches using chemical spray disinfectants is desired, we recommend the use of the Sealed Screwless Wall Plate (SSW). The Sealed Screwless Wall Plate is a cover for the standard wall plate, designed with an IP54 rating. It consists of a transparent silicone rubber layer that covers the wall switch to prevent liquids from entering the wall switch while maintaining a tactile button feel. The Sealed Screwless Wall Plate is the ideal solution to prevent liquids from entering the wall switch while maintaining a tactile button feel. The Sealed Screwless Wall Plate is the ideal solution to help protect a wall switch from fluid entering the device while enabling the use of disinfectants recommended by the EPA for use against SARS-CoV-2, the coronavirus that causes COVID-19, which often require spraying or saturating the surface.

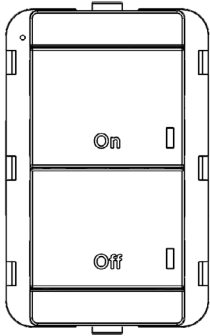


For more information on the [Sealed Screwless Wall Plates](#)

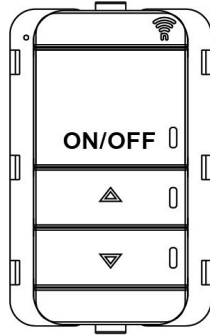
## SPECIFICATIONS

Dimensions	2.74" H x 1.68" W x 1.63" D (6.96 cm x 4.27 cm x 4.14 cm)
Weight	4.25 oz
Mounting	Single Gang Switch Box or Low Voltage Ring
Color	White, Ivory, Lt. Almond, Gray, Red, Black
Operating Temperature	-40°C to 60°C (indoor use only)
Relative Humidity	Standard: 20 to 75% non-condensing
Radio Frequency	Dual Radio: 900Mhz & 2.4GHz
RF Transmit Power	900Mhz: +20dBm; 2.4GHz: Variable
Wireless Standard	900MHz: IEEE 802.15.4-based 2.4GHz: Version 4.0+ of the Bluetooth specification
Wireless Range	900MHz: Up to 1,000 ft. (~304m) in free space/ line of sight Minimum of 150 ft through typical construction 2.4GHz: Up to 60 ft. (~18m) in free space/ line of sight
Security	Application Data Encryption: AES-128 bit Mutual Entity Authentication Message Confidentiality Message Authentication and Replay Prevention Limited Anonymity
Regulatory Compliance	Complies with California Civil Code Title 1.81.26, Security of Connected Devices, approved under Senate Bill No. 327 (2018) FCC ID: 2ADCB-RMODIT3 RoHS IC: 6715C-RMODIT3 IFETEL: RCPNLL20-2057 UL 916 (E110912)
Battery Type	3 AAA lithium (included)
Battery Life	10 years (with lithium batteries)
Programming Tool	CLAIRITY™+ mobile app

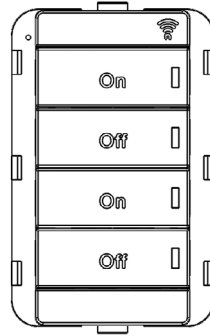
**DEFAULT LABELING**



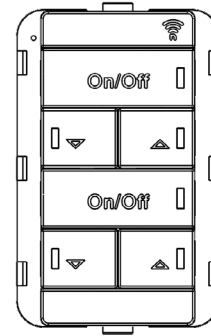
**rPODBA**



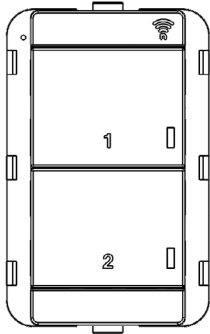
**rPODBA DX**



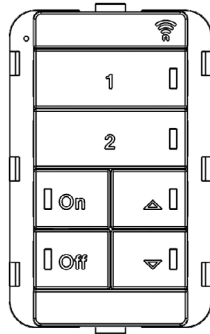
**rPODBA 2P**



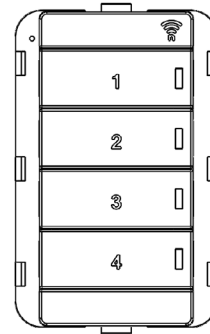
**rPODBA 2P DX**



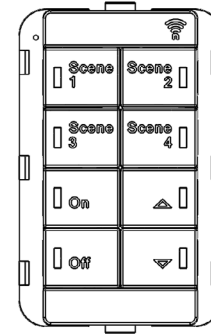
**rPODBA 2S**



**rPODBA 2S DX**



**rPODBA 4S**



**rPODBA 4S DX**

## INSTALLATION OVERVIEW

Installation of the rPODBA is simple, wire free, and does not require special tools. Follow the instructions below to install the rPODBA wall switch.

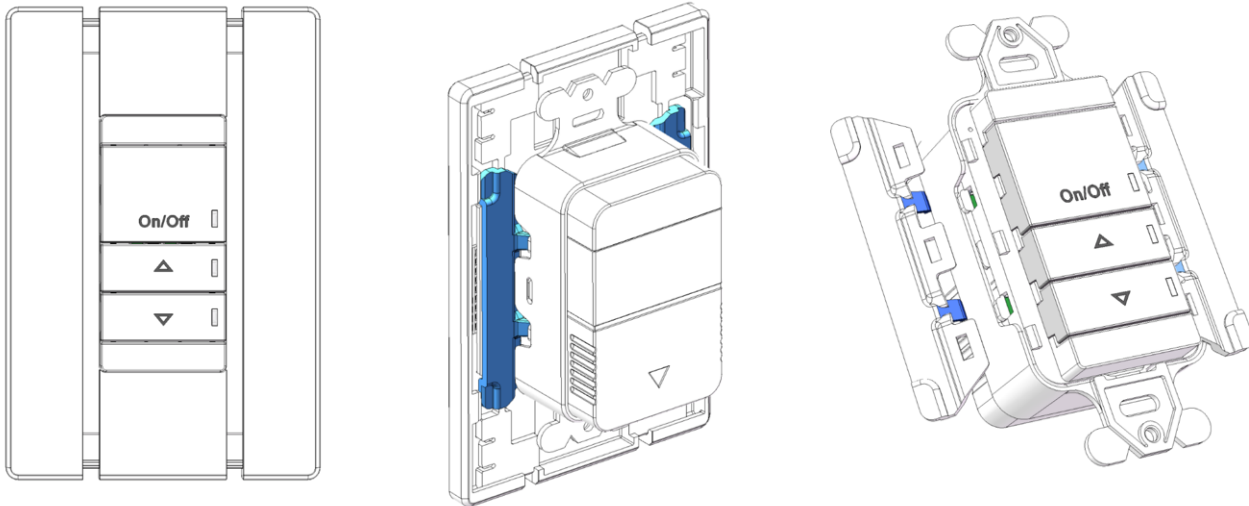
### OUT-OF-THE-BOX DECORA WALL PLATE

- Remove the wall plate from the device by pulling the sides out to expand the wall plate and release it from the mounting flanges.
- Connect the unit to the gang box
  - The unit will connect to the gang box by screws, one at the top and one at the bottom
  - To ensure correct wall plate installation, drive the screws until the mounting flanges contact the wall surface. If the screws are overdriven, the mounting flanges will disengage, preventing wall plate installation. If this happens, reattach the mounting flange(s) and install to correct position. (The flanges may be reattached by inserting the two tabs in the side of the unit and pushing the part inward to engage the three snaps.)
- Reattach the wall plate
  - Expand the wall plate horizontally
  - Place the wall plate onto the unit
  - Contract the horizontally expanded wall plate onto the unit such that the side flange features seat inside the wall plate
- No wiring needed

### OFF-THE-SHELF DECORA WALL PLATE

When installing the unit with standard off-the-shelf decora wall plates, the following steps should be followed.

- Remove the Acuity wall plate from the device by pulling the sides out to expand the wall plate and releasing it from the mounting flanges.



- Unhook and remove the side flanges from the device
- Connect the unit to the gang box
  - The unit will connect to the gang box by screws, one at the top and one at the bottom
- Attach the wall plate

Catalog Number
Notes
Type

## FEATURES & SPECIFICATIONS

### CONSTRUCTION

Designed to easily convert recessed troffers to surface mount fixtures.

Available in 1X4, 2X2, and 2X4 sizes.

See table below for fit compatibility chart.

Mounts to a variety of ceiling types.

### PRODUCT SPECIFICATIONS

Housing:

22 ga cold rolled steel.

Finish:

SMKSH version is painted after fabrication.

**LISTINGS** — CSA Certified to meet U.S. and Canadian standards.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Surface Mount Troffer Kit

# SMKSH Surface Mount Kits



### ORDERING INFORMATION

Kit	Description
1X4SMKSH	Multi-Use Surface Mount Kit 1x4, Shallow Depth
2X2SMKSH	Multi-Use Surface Mount Kit 2x2, Shallow Depth
2X4SMKSH	Multi-Use Surface Mount Kit 2x4, Shallow Depth
1X4SMKSH PAF	Multi-Use Surface Mount Kit 1X4 Post-Paint
2X2SMKSH PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint
2X4SMKSH PAF	Multi-Use Surface Mount Kit 2X4 Post-Paint

### Fit Compatibility Chart

Kit	Depth	Compatible Fixtures
SMKSH	3.6"	EPANL, CPX, CPANL
SMKSH P	5.5"	SPANL, EPANL, CPANL, CPX, INDY BL, BLT, GTL <sup>1</sup> , VTL/FSL, RTL, BZL

#### Notes

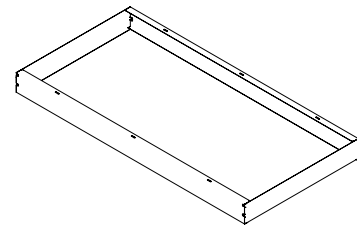
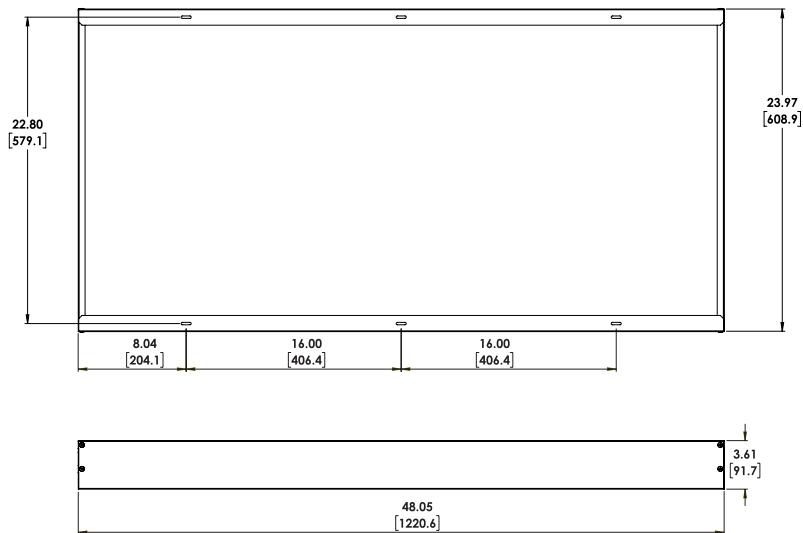
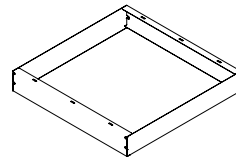
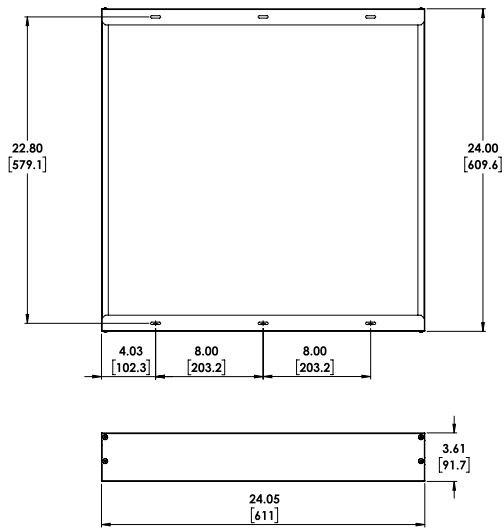
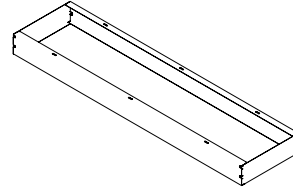
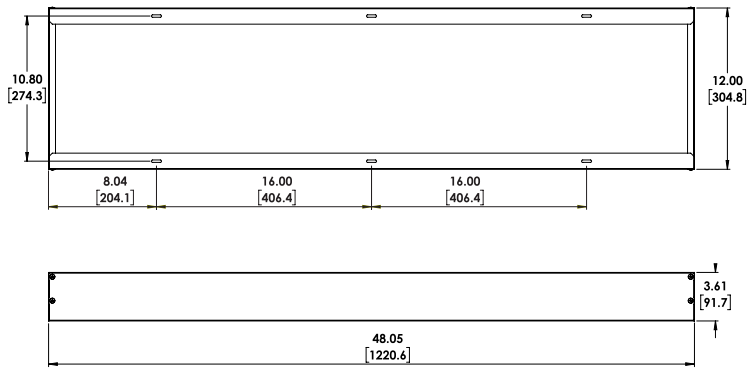
- SMKSH not for use with 2GTL 2 fixture with emergency battery.



# SMKSH Surface Mount Kits

## 1X4SMKSH, 2X2SMKSH, 2X4SMKSH

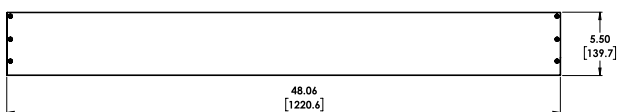
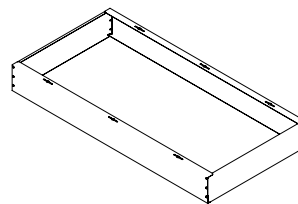
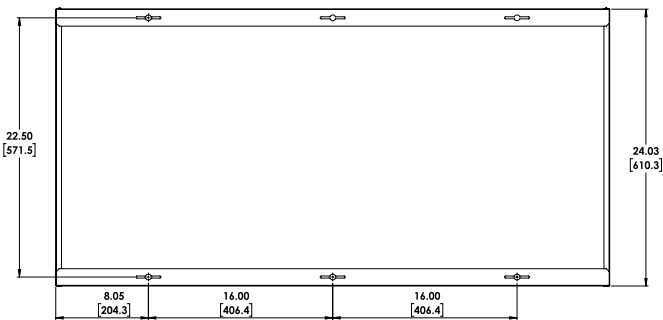
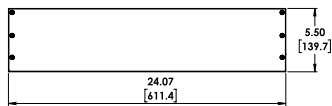
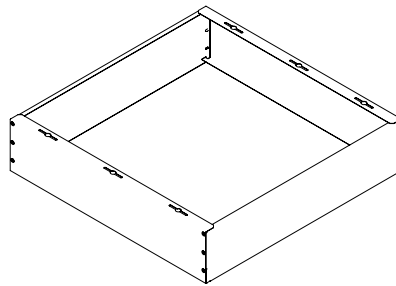
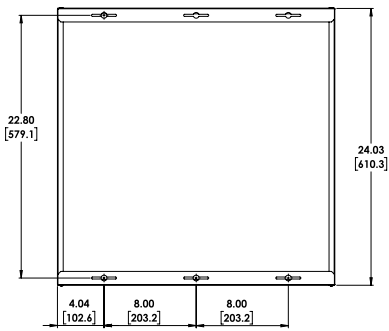
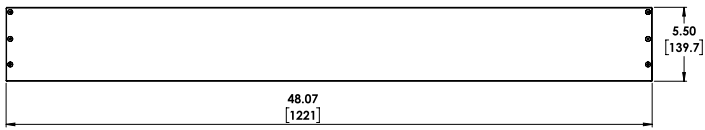
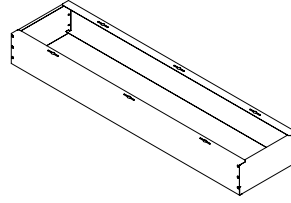
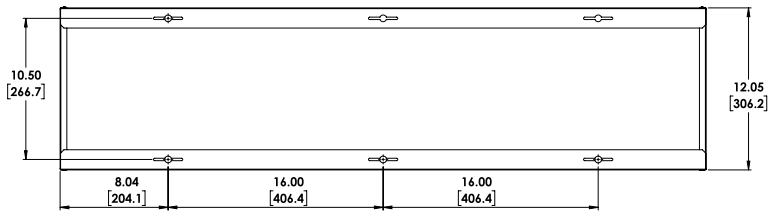
### SURFACE MOUNT KIT - MOUNTING DATA



# SMKSH Surface Mount Kits

## 1X4SMKSH, 2X2SMKSH, 2X4SMKSH

### SURFACE MOUNT KIT - MOUNTING DATA





# TWPX2 LED

## Vandal Resistant LED Wall Luminaire

Catalog Number

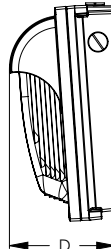
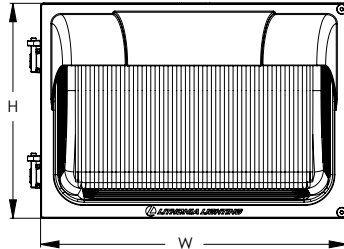
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

### Specifications

**Depth:** 4.5"  
**Height:** 9.0"  
**Width:** 13.0"  
**Weight:** 7.5 lbs  
 (without options)



### Introduction

The TWPX LED wall pack family features premium polycarbonate lenses that are designed to make these luminaires tough enough to take real world abuse in applications such as parks and recreation areas, locker rooms, entry ways or any public space that has high-traffic and low mounting height. The TWPX2 LED is energy efficient, saving up to 82% in energy costs when replacing a metal halide luminaire.

The Adjustable Light Output (ALO) feature allows the contractor to set the light output during installation, to a level perfectly suited for the job site. The TWPX2 LED ALO luminaires can replace anything from a 70W to 250W metal halide luminaire.

### TWPX LED Family Overview

Luminaire	Voltage	Photocell	Lumens (4000K)			
			P1	P2	P3	P4
TWPX1 LED	MVOLT (120-277V)	YES	1,450	2,700	--	--
TWPX2 LED	MVOLT (120-277V), 347V, 480V	YES	3,150	4,250	5,050	6,600
TWPX3 LED	MVOLT (120-277V), 347V	YES	8,400	10,150	12,300	13,200

### Ordering Information

**EXAMPLE:** TWPX2 LED ALO 40K MVOLT DDBXD

Series	Package	Color Temperature	Voltage	Options	Finish	
TWPX2 LED	P1 3,150 lumens	30K 3000K	MVOLT (120-277V)	PE Photocell, Button Type	DDBXD Dark bronze	
	P2 4,250 lumens	40K 4000K	347		DBLXD Black	
	P3 5,050 lumens	50K 5000K	480		DWHXD White	
	P4 6,600 lumens				DNAXD Natural aluminum	
	ALO 1,400 - 6,600 lumens					DDBTXD Textured dark bronze
						DBLTXD Textured black
					DWHGXD Textured White	
					DNATXD Textured natural aluminum	

### Accessories

\*543982 RK1 PEB SHLD U Button style photocell shield

### FEATURES & SPECIFICATIONS

#### INTENDED USE

The TWPX2 LED is an energy-efficient, low maintenance LED wall pack for replacing up to a 250W MH fixture, providing the same footprint on the wall. TWPX2 is ideal for applications such as carports, loading areas, driveways and parking areas.

#### CONSTRUCTION

Two-piece die-cast aluminum housing to optimize thermal management through conductive and convective cooling. The door is hinged on the side and can be removed for easy installation. The housing is completely sealed against moisture and environmental contaminants (IP65) and is suitable for the hose-down applications.

#### FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling.

#### OPTICS

The advanced optical design uses both reflector and refractor technologies that work together to create superior illumination and further throw, getting the light where it is needed. The UV stabilized polycarbonate refractor is specifically designed to maximize light extraction and create a fully luminous luminaire for a better nighttime look.

#### ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to housing to maximize heat dissipation and promote long-life (up to L81/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire is 0-10V dimmable.

#### INSTALLATION

Designed for wall mounting above four feet from the ground. Housing is configured for mounting directly over a standard junction box (by others) or for surface wiring via any of three 1/2" threaded entry hubs.

#### LISTINGS

CSA certified to U.S. and Canadian standards. IP65 rated for outdoor applications. Rated for -40°C minimum ambient.

#### WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • [www.lithonia.com](http://www.lithonia.com)  
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TWPX2 LED  
 Rev. 11/30/22

## Performance Data

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	30K (3000K, 80 CRI)		40K (4000K, 80 CRI)		50K (5000K, 80 CRI)	
		Lumens	LPW	Lumens	LPW	Lumens	LPW
P1	23W	3,000	130	3,150	137	3,150	137
P2	32W	4,050	127	4,250	133	4,250	133
P3	39W	4,850	124	5,050	129	5,050	129
P4/ALO	54W	6,300	117	6,600	122	6,600	122

### Electrical Load

Performance Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	23W	0.195	0.112	0.097	0.084	0.067	0.049
P2	32W	0.268	0.154	0.134	0.116	0.093	0.067
P3	39W	0.326	0.188	0.163	0.141	0.113	0.082
P4/ALO	54W	0.447	0.258	0.224	0.194	0.155	0.112

### Adjustable Lumen Output (ALO) Table

Setting	System Watts	Lumen Output	Replaces Metal Halide
8*	54W	6,600	250W
7	51W	6,300	
6	42W	5,450	150/175W
5	36W	4,700	
4	29W	3,900	
3	22W	3,050	100W
2	15W	2,150	70W
1	9W	1,400	

\* Factory default setting is #8

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.05
10°C	50°F	1.03
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11). To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

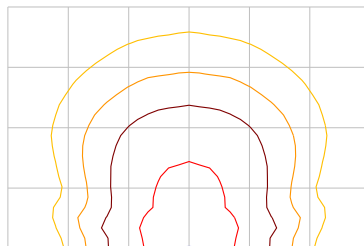
Operating Hours	0	25,000	50,000	60,000	100,000
Lumen Maintenance Factor	1.0	>0.95	>0.90	>0.88	>0.81

## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting TWPX LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards

#### LEGEND

- 0.25 fc
- 0.5 fc
- 1.0 fc
- 3.0 fc



TWPX2 LED ALO

MH = 15ft  
Grid = 15ft x 15ft

## FEATURES & SPECIFICATIONS

**INTENDED USE** — The 4", 6" and 8" Wafer™ LED Downlight with Switchable White provides high-quality light output and efficiency featuring a switch for easy color temperature adjustment - while eliminating the need for recessed housings. The innovative, slim design allows for easy retrofit, remodel or new construction installation from below the ceiling. The Wafer LED downlight is wet location listed – making it ideal for use in a breadth of outdoor residential, hospitality, commercial and multifamily applications. The LED module maintains at least 70% light output for 50,000 hours.

**CONSTRUCTION** — Aluminum die cast outer frame. Durable, powder coat paint to prevent rust. FT4 plenum rated cable connector to connect from module to remote driver box. IC rated driver with convenience and value of two remote selectable color temperature options, each with a setting choice to chose either 2700K, 3000K, and 3500K or 3000K, 4000K, and 5000K using the switch. The isolated driver integrated inside steel remote box with four 7/8" knockouts with slots for pryout. Suitable for pulling wires with the 12 cubic-inch wiring compartment to accommodate up to (6) 14 gauge insulated conductors, or (4) 12 gauge insulated conductors; making the Wafer LED Downlights much easier to wire in 2in/2out (plus ground) daisy-chain applications and contractor friendly.

**INSTALLATION** — Ideal for shallow ceiling plenum; no housing required. Steel spring clip for easy installation. 4", 6" or 8" cut out template is provided to ensure a correct sized hole is cut into ceiling for proper installation of the trim. Size of hole should not exceed 4-1/4" for the WF4, 6-1/4" for the WF6 and 8-1/4" for the WF8. Suitable for installation in t-grid and drop ceiling applications. 3" plenum space required for installation of the remote driver box.

**OPTICS** — Edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space.

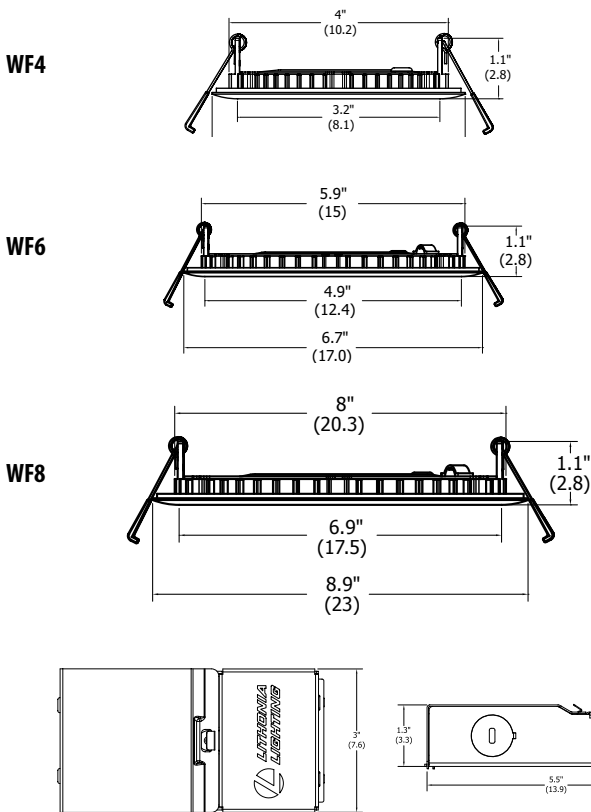
**ELECTRICAL** — Multi-volt (120-277V, 50/60Hz) proprietary remote LED driver/splice box, with two (2) additional low-voltage wires for 0-10v dimming, down to 10% (depending on dimmer model and application). High efficient driver with power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to +104°F (+40°C). Replaces 65W incandescent (WF4), 75W incandescent (WF6) or 100W incandescent (WF8).

**LISTINGS** — CSA certified to US and Canadian safety standards. ENERGY STAR® certified. Wet location. Air Tight certified in accordance with ASTM E283-2004. NOM Certified. Can be used to comply with California Title 24 Part 6 High Efficacy LED light Source Requirements.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

[www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



Catalog Number
Notes
Type

### Wafer LED Recessed Downlight

# WF4/WF6/WF8 MVOLT

## 4", 6" and 8" LED Switchable White Color Temperature

IC/Non-IC  
 New Construction/Remodel



	WF4 Specifications	WF6 Specifications	WF8 Specifications
Aperture:	3.2 (8.1)	Aperture: 4.9 (12.4)	Aperture: 6.9"
Ceiling opening:	4.2 (10.7)	Ceiling opening: 6 (15.2)	Ceiling opening: 8"
Overlap trim:	4.7 (12.0)	Overlap trim: 6.7 (17)	Over lamp trim: 8.9"
Height:	1.1 (2.8)	Height: 1.1 (2.8)	Height : 1.1"

All dimensions are inches (centimeters) unless otherwise indicated.

# WF4 WF6 WF8 MVOLT Switchable White 4", 6" or 8" LED Wafer Module

## ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

**Example:** WF4 LED 30K40K50K MVOLT 90CRI MW

WF4	LED				
Series	Lamp	CCT/W/Lumens <sup>1</sup>	Voltage	CRI	Finish
WF4 4" wafer-thin LED downlight	LED LED	<b>27K30K35K</b> 2700K/10.5W/730L 3000K/10.5W/800L 3500K/10.5W/780L	<b>MVOLT</b> Multi-Volt (120-277V)	<b>90CRI</b> 90CRI	<b>MW</b> Matte White <b>MB</b> Matte Black <b>BN</b> Brush Nickel <b>ORB</b> Oil-Rubbed Bronze
		<b>30K40K50K</b> 3000K/10.5W/750L 4000K/10.5W/810L 5000K/10.5W/790L			

## ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

**Example:** WF6 LED 30K40K50K MVOLT 90CRI MW

WF6	LED				
Series	Lamp	CCT/W/Lumens <sup>1</sup>	Voltage	CRI	Finish
WF6 6" wafer-thin LED downlight	LED LED	<b>27K30K35K</b> 2700K/14W/1070L 3000K/14W/1150L 3500K/14W/1110L	<b>MVOLT</b> Multi-Volt (120-277V)	<b>90CRI</b> 90CRI	<b>MW</b> Matte White <b>MB</b> Matte Black <b>BN</b> Brush Nickel <b>ORB</b> Oil-Rubbed Bronze
		<b>30K40K50K</b> 3000K/14W/1090L 4000K/14W/1190L 5000K/14W/1120L			

## ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

**Example:** WF8 LED 30K40K50KT MVOLT 90CRI MW

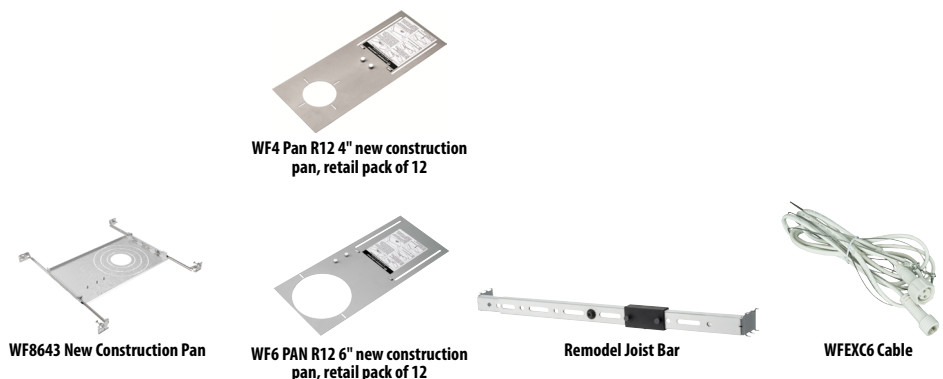
WF8	LED				
Series	Lamp	CCT/W/Lumens <sup>1</sup>	Voltage	CRI	Finish
WF8 8" wafer-thin LED downlight	LED LED	<b>27K30K35K</b> 2700K/20.5W/1630L 3000K/20.5W/1800L 3500K/20.5W/1740L	<b>MVOLT</b> Multi-Volt (120-277V)	<b>90CRI</b> 90CRI	<b>MW</b> Matte White
		<b>30K40K50K</b> 3000K/20.5W/1690L 4000K/20.5W/1850L 5000K/20.5W/1820L			

### Notes

1 Total system delivered lumens.

### Accessories: Order as separate catalog number.

WF8643 PAN R6	Universal New Construction Pan, Retail Pack of 6
WF8643 PAN U	Universal new construction pan, Unit Pack
WF4 PAN R12	4" new construction pan, retail pack of 12
WF6 PAN R12	6" new construction pan, retail pack of 12
WFJB U	Remodel joist bar
WFEXC6 SW3PIN FT4	3-Pin 6ft Cable
WFEXC10 SW3PIN FT4	3-Pin 10ft Cable
WFEXC20 SW3PIN FT4	3-Pin 20ft Cable
WF4GR MW	4" round oversized trim ring
WF6GR MW	6" round oversized trim ring
WF8GR MW	8" round oversized trim ring

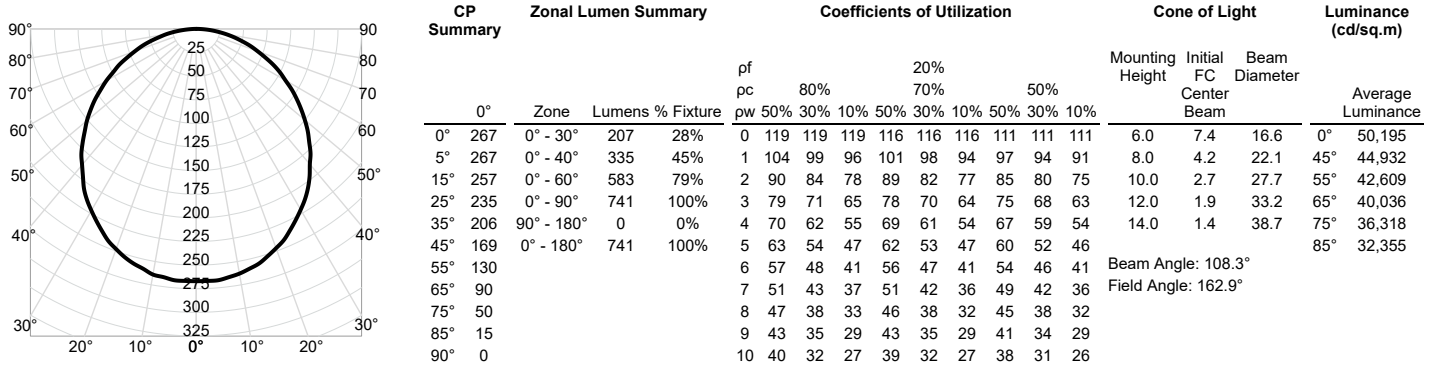


# WF4 WF6 WF8 MVOLT Switchable White 4", 6" or 8" LED Wafer Module

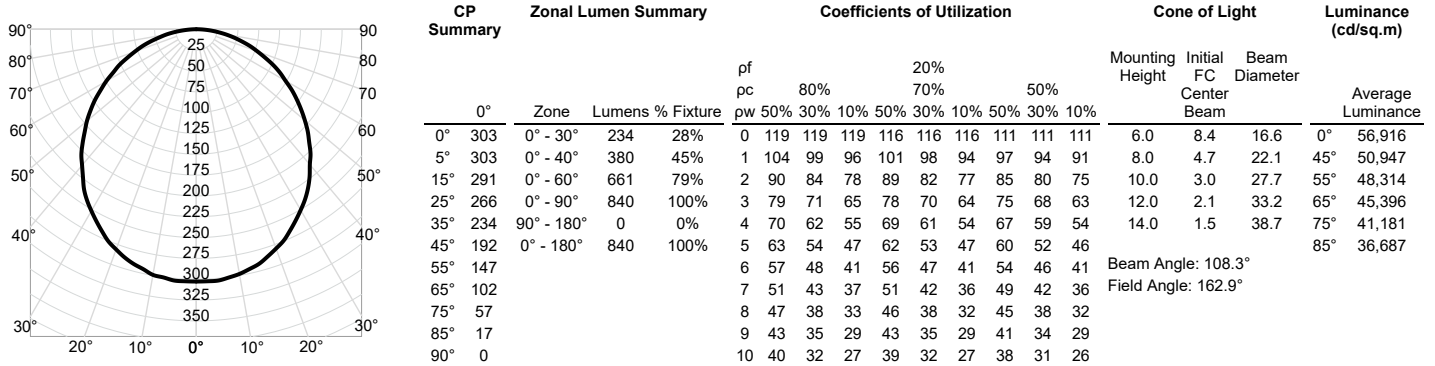
## PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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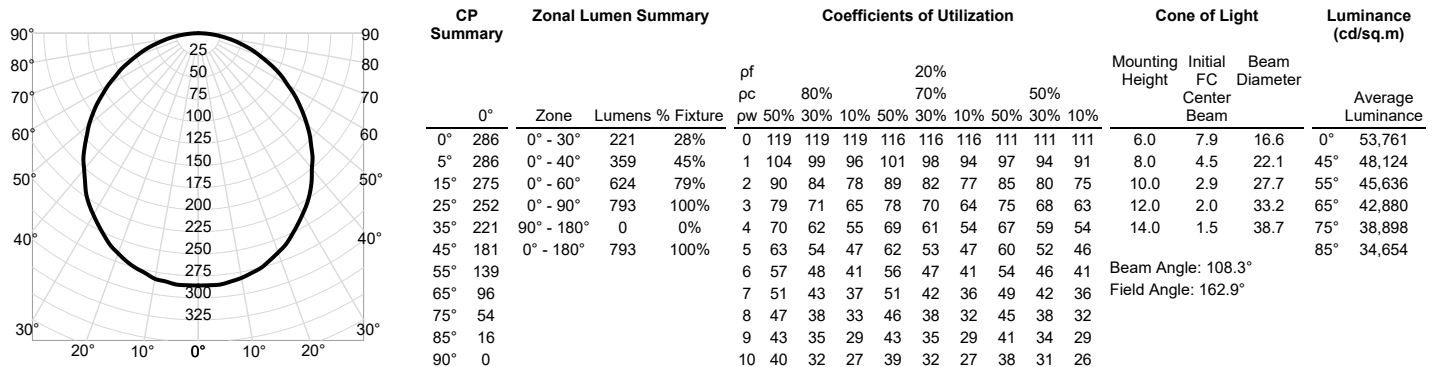
**WF4 LED 27K30K35K MVOLT 90CRI 2700K** Input Watts: 10.7, Delivered Lumens: 741, LPW: 69.3, S/MH: 1.23, Test No: ISF 36826P101



**WF4 LED 27K30K35K MVOLT 90CRI 3000K** Input Watts: 10.1, Delivered Lumens: 840, LPW: 83.2, S/MH: 1.23, Test No: ISF 36826P102



**WF4 LED 27K30K35K MVOLT 90CRI 3500K** Input Watts: 10.4, Delivered Lumens: 793, LPW: 76.3, S/MH: 1.23, Test No: ISF 36826P103



# WF4 WF6 WF8 MVOLT Switchable White 4", 6" or 8" LED Wafer Module

## PHOTOMETRICS

Distribution Curve

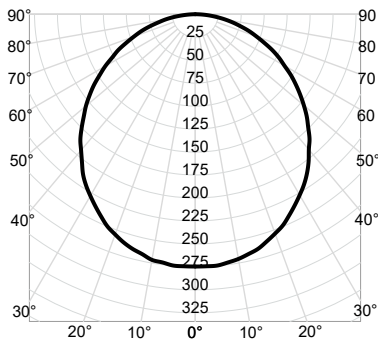
Distribution Data

Output Data

Coefficient of Utilization

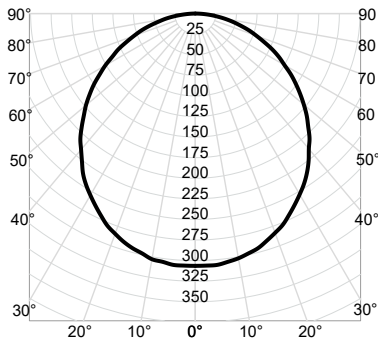
Illuminance Data at 30" Above Floor for a Single Luminaire

**WF4 LED 30K40K50K MVOLT 90CRI 3000K** Input Watts: 10.6, Delivered Lumens: 762, LPW: 71.9, S/MH: 1.23, Test No: ISF 36826P104



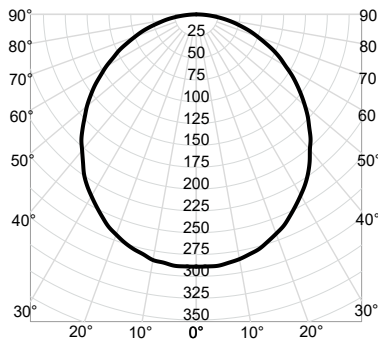
CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	80%		20%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance						
				pc	50%	30%	10%	50%	30%	10%							50%	30%	10%	
0°	275	0° - 30°	212	28%	0	119	119	119	116	116	116	111	111	111	6.0	7.6	16.6	0°	51,635	
5°	275	0° - 40°	345	45%	1	104	99	96	101	98	94	97	94	91	8.0	4.3	22.1	45°	46,221	
15°	264	0° - 60°	599	79%	2	90	84	78	89	82	77	85	80	75	10.0	2.7	27.7	55°	43,832	
25°	242	0° - 90°	762	100%	3	79	71	65	78	70	64	75	68	63	12.0	1.9	33.2	65°	41,184	
35°	212	90° - 180°	0	0%	4	70	62	55	69	61	54	67	59	54	14.0	1.4	38.7	75°	37,360	
45°	174	0° - 180°	762	100%	5	63	54	47	62	53	47	60	52	46				85°	33,284	
55°	134				6	57	48	41	56	47	41	54	46	41						
65°	93				7	51	43	37	51	42	36	49	42	36						
75°	51				8	47	38	33	46	38	32	45	38	32						
85°	15				9	43	35	29	43	35	29	41	34	29						
90°	0				10	40	32	27	39	32	27	38	31	26						

**WF4 LED 30K40K50K MVOLT 90CRI 4000K** Input Watts: 10.6, Delivered Lumens: 850, LPW: 80.2, S/MH: 1.23, Test No: ISF 36826P105



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	80%		20%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance						
				pc	50%	30%	10%	50%	30%	10%							50%	30%	10%	
0°	306	0° - 30°	237	28%	0	119	119	119	116	116	116	111	111	111	6.0	8.5	16.6	0°	57,601	
5°	306	0° - 40°	385	45%	1	104	99	96	101	98	94	97	94	91	8.0	4.8	22.1	45°	51,561	
15°	295	0° - 60°	669	79%	2	90	84	78	89	82	77	85	80	75	10.0	3.1	27.7	55°	48,896	
25°	270	0° - 90°	850	100%	3	79	71	65	78	70	64	75	68	63	12.0	2.1	33.2	65°	45,943	
35°	236	90° - 180°	0	0%	4	70	62	55	69	61	54	67	59	54	14.0	1.6	38.7	75°	41,677	
45°	194	0° - 180°	850	100%	5	63	54	47	62	53	47	60	52	46				85°	37,129	
55°	149				6	57	48	41	56	47	41	54	46	41						
65°	103				7	51	43	37	51	42	36	49	42	36						
75°	57				8	47	38	33	46	38	32	45	38	32						
85°	17				9	43	35	29	43	35	29	41	34	29						
90°	0				10	40	32	27	39	32	27	38	31	26						

**WF4 LED 30K40K50K MVOLT 90CRI 5000K** Input Watts: 10.1, Delivered Lumens: 801, LPW: 79.3, S/MH: 1.23, Test No: ISF 36826P106



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	80%		20%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance						
				pc	50%	30%	10%	50%	30%	10%							50%	30%	10%	
0°	289	0° - 30°	224	28%	0	119	119	119	116	116	116	111	111	111	6.0	8.0	16.6	0°	54,310	
5°	289	0° - 40°	363	45%	1	104	99	96	101	98	94	97	94	91	8.0	4.5	22.1	45°	48,615	
15°	278	0° - 60°	630	79%	2	90	84	78	89	82	77	85	80	75	10.0	2.9	27.7	55°	46,102	
25°	254	0° - 90°	801	100%	3	79	71	65	78	70	64	75	68	63	12.0	2.0	33.2	65°	43,317	
35°	223	90° - 180°	0	0%	4	70	62	55	69	61	54	67	59	54	14.0	1.5	38.7	75°	39,295	
45°	183	0° - 180°	801	100%	5	63	54	47	62	53	47	60	52	46				85°	35,008	
55°	141				6	57	48	41	56	47	41	54	46	41						
65°	97				7	51	43	37	51	42	36	49	42	36						
75°	54				8	47	38	33	46	38	32	45	38	32						
85°	16				9	43	35	29	43	35	29	41	34	29						
90°	0				10	40	32	27	39	32	27	38	31	26						



# WF4 WF6 WF8 MVOLT Switchable White 4", 6" or 8" LED Wafer Module

## ENERGY DATA

WF4 LED 27K30K35K MVOLT			
Color Temperature	2700K	3000K	3500K
Lumens	730	800	780
CRI	90	90	90
Rated wattage	10.7	10.1	10.4
Lu/Watts	68.2	79.2	75.0
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.97	0.97	0.97
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.09A	0.09A	0.09A

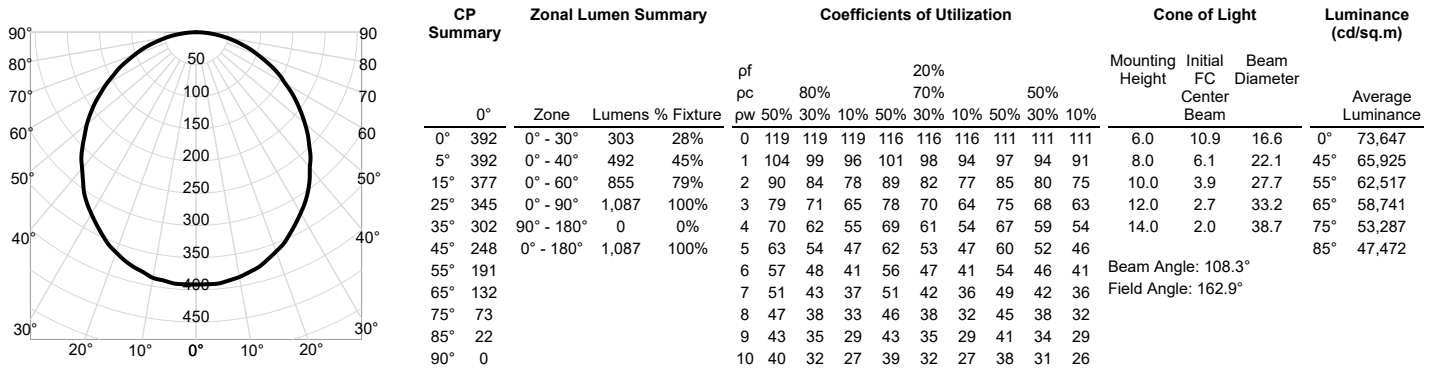
WF4 LED 30K40K50K MVOLT			
Color Temperature	3000K	4000K	5000K
Lumens	750	810	790
CRI	90	90	90
Rated wattage	10.6	10.6	10.1
Lu/Watts	70.8	76.4	78.2
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.97	0.97	0.97
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.09A	0.09A	0.09A

# WF4 WF6 WF8 MVOLT Switchable White 4", 6" or 8" LED Wafer Module

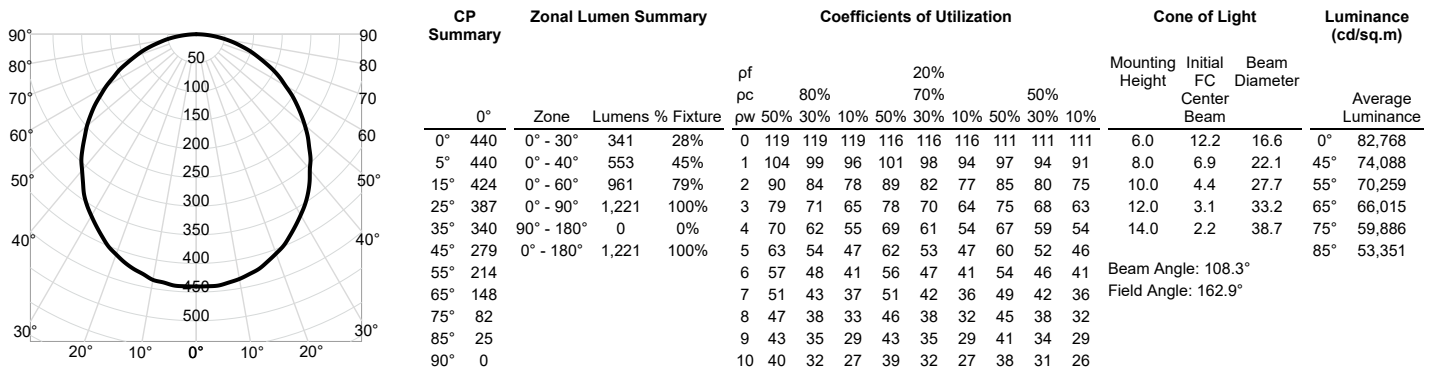
## PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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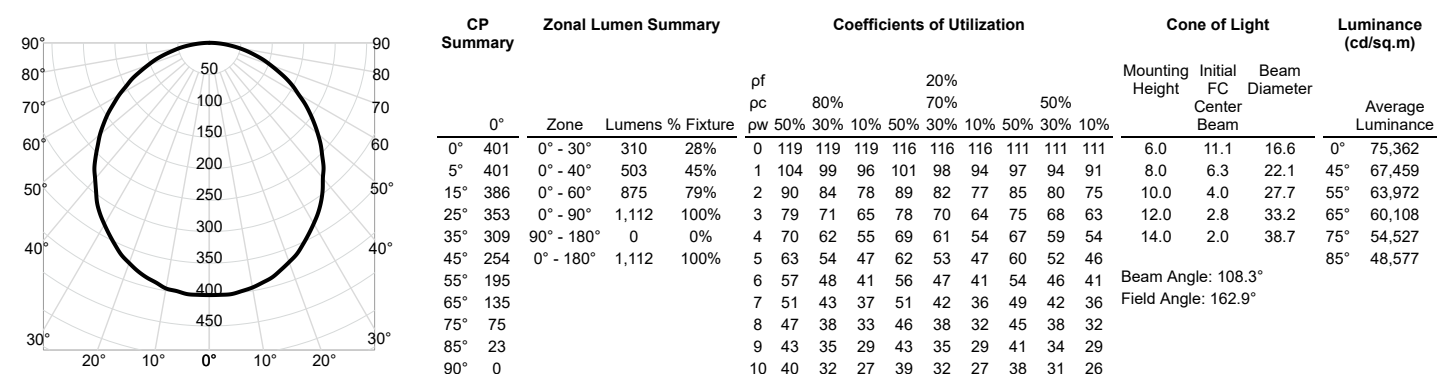
**WF6 LED 27K30K35K MVOLT 90CRI 2700K** Input Watts: 14.1, Delivered Lumens: 1087, LPW: 77.1, S/MH: 1.23, Test No: ISF 36826P107



**WF6 LED 27K30K35K MVOLT 90CRI 3000K** Input Watts: 13.4, Delivered Lumens: 1221, LPW: 91.1, S/MH: 1.23, Test No: ISF 36826P108



**WF6 LED 30K40K50K MVOLT 90CRI 3000K** Input Watts: 13.8, Delivered Lumens: 1112, LPW: 80.6, S/MH: 1.23, Test No: ISF 36826P110

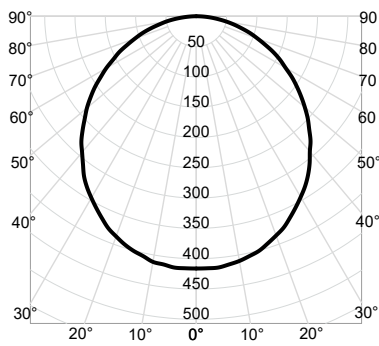


# WF4 WF6 WF8 MVOLT Switchable White 4", 6" or 8" LED Wafer Module

## PHOTOMETRICS

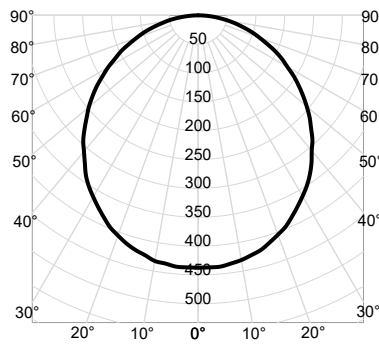
Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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**WF6 LED 27K30K35K MVOLT 90CRI 3500K** Input Watts: 13.9, Delivered Lumens: 1155, LPW: 83.1, S/MH: 1.23, Test No: ISF 36826P109



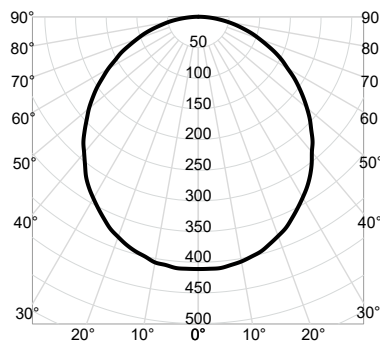
0°	CP Summary				Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
	Zone	Lumens	% Fixture	pf	80%		20%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	Beam Angle: 108.3°	Field Angle: 162.9°							
				pc	50%	30%	10%	50%	30%	10%							50%	30%	10%				
0°	416	0° - 30°	322	28%	0	119	119	119	116	116	116	111	111	111	6.0	11.6	16.6	0°	78,242				
5°	416	0° - 40°	523	45%	1	104	99	96	101	98	94	97	94	91	8.0	6.5	22.1	45°	70,037				
15°	401	0° - 60°	908	79%	2	90	84	78	89	82	77	85	80	75	10.0	4.2	27.7	55°	66,417				
25°	366	0° - 90°	1,155	100%	3	79	71	65	78	70	64	75	68	63	12.0	2.9	33.2	65°	62,405				
35°	321	90° - 180°	0	0%	4	70	62	55	69	61	54	67	59	54	14.0	2.1	38.7	75°	56,611				
45°	263	0° - 180°	1,155	100%	5	63	54	47	62	53	47	60	52	46				85°	50,434				
55°	203				6	57	48	41	56	47	41	54	46	41									
65°	140				7	51	43	37	51	42	36	49	42	36									
75°	78				8	47	38	33	46	38	32	45	38	32									
85°	23				9	43	35	29	43	35	29	41	34	29									
90°	0				10	40	32	27	39	32	27	38	31	26									

**WF6 LED 30K40K50K MVOLT 90CRI 4000K** Input Watts: 13.4, Delivered Lumens: 1213, LPW: 90.5, S/MH: 1.23, Test No: ISF 36826P111



0°	CP Summary				Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
	Zone	Lumens	% Fixture	pf	80%		20%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	Beam Angle: 108.3°	Field Angle: 162.9°							
				pc	50%	30%	10%	50%	30%	10%							50%	30%	10%				
0°	437	0° - 30°	338	28%	0	119	119	119	116	116	116	111	111	111	6.0	12.1	16.6	0°	82,219				
5°	437	0° - 40°	549	45%	1	104	99	96	101	98	94	97	94	91	8.0	6.8	22.1	45°	73,597				
15°	421	0° - 60°	954	79%	2	90	84	78	89	82	77	85	80	75	10.0	4.4	27.7	55°	69,793				
25°	385	0° - 90°	1,213	100%	3	79	71	65	78	70	64	75	68	63	12.0	3.0	33.2	65°	65,578				
35°	337	90° - 180°	0	0%	4	70	62	55	69	61	54	67	59	54	14.0	2.2	38.7	75°	59,489				
45°	277	0° - 180°	1,213	100%	5	63	54	47	62	53	47	60	52	46				85°	52,998				
55°	213				6	57	48	41	56	47	41	54	46	41									
65°	147				7	51	43	37	51	42	36	49	42	36									
75°	82				8	47	38	33	46	38	32	45	38	32									
85°	25				9	43	35	29	43	35	29	41	34	29									
90°	0				10	40	32	27	39	32	27	38	31	26									

**WF6 LED 30K40K50K MVOLT 90CRI 5000K** Input Watts: 13.9, Delivered Lumens: 1140, LPW: 82.0, S/MH: 1.23, Test No: ISF 36826P112



0°	CP Summary				Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
	Zone	Lumens	% Fixture	pf	80%		20%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	Beam Angle: 108.3°	Field Angle: 162.9°							
				pc	50%	30%	10%	50%	30%	10%							50%	30%	10%				
0°	411	0° - 30°	318	28%	0	119	119	119	116	116	116	111	111	111	6.0	11.4	16.6	0°	77,282				
5°	411	0° - 40°	516	45%	1	104	99	96	101	98	94	97	94	91	8.0	6.4	22.1	45°	69,178				
15°	396	0° - 60°	897	79%	2	90	84	78	89	82	77	85	80	75	10.0	4.1	27.7	55°	65,602				
25°	362	0° - 90°	1,140	100%	3	79	71	65	78	70	64	75	68	63	12.0	2.9	33.2	65°	61,640				
35°	317	90° - 180°	0	0%	4	70	62	55	69	61	54	67	59	54	14.0	2.1	38.7	75°	55,916				
45°	260	0° - 180°	1,140	100%	5	63	54	47	62	53	47	60	52	46				85°	49,815				
55°	200				6	57	48	41	56	47	41	54	46	41									
65°	139				7	51	43	37	51	42	36	49	42	36									
75°	77				8	47	38	33	46	38	32	45	38	32									
85°	23				9	43	35	29	43	35	29	41	34	29									
90°	0				10	40	32	27	39	32	27	38	31	26									

# WF4 WF6 WF8 MVOLT Switchable White 4", 6" or 8" LED Wafer Module

## ENERGY DATA

WF6 LED 27K30K35K MVOLT			
Color Temperature	2700K	3000K	3500K
Lumens	1070	1150	1110
CRI	90	90	90
Rated wattage	14.1	13.4	13.9
Lu/Watts	75.9	85.8	79.9
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.12A	0.12A	0.12A

WF6 LED 30K40K50K MVOLT			
Color Temperature	3000K	4000K	5000K
Lumens	1090	1190	1120
CRI	90	90	90
Rated wattage	13.8	13.4	13.9
Lu/Watts	79.0	88.8	80.6
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.12A	0.12A	0.12A

# WF4 WF6 WF8 MVOLT Switchable White 4", 6" or 8" LED Wafer Module

## PHOTOMETRICS

Distribution Curve

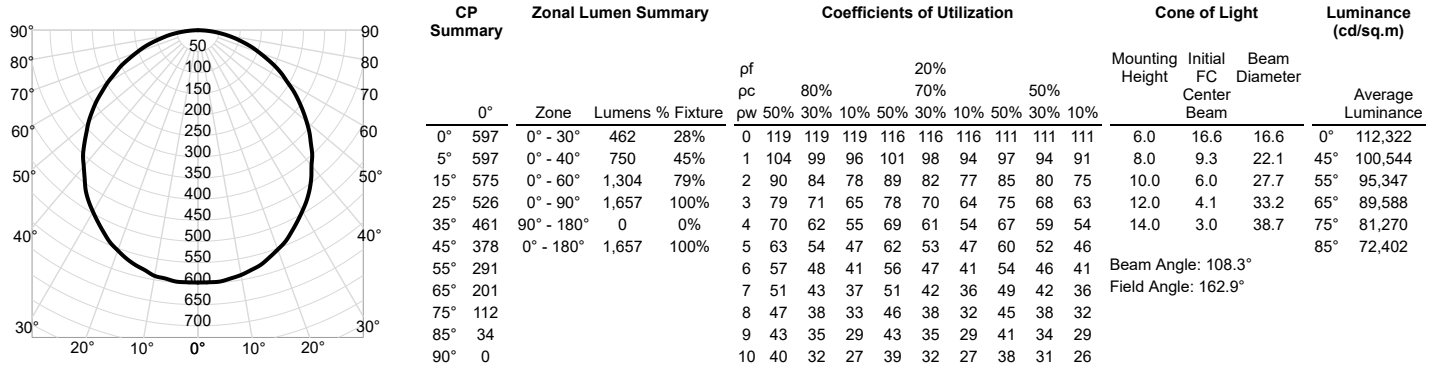
Distribution Data

Output Data

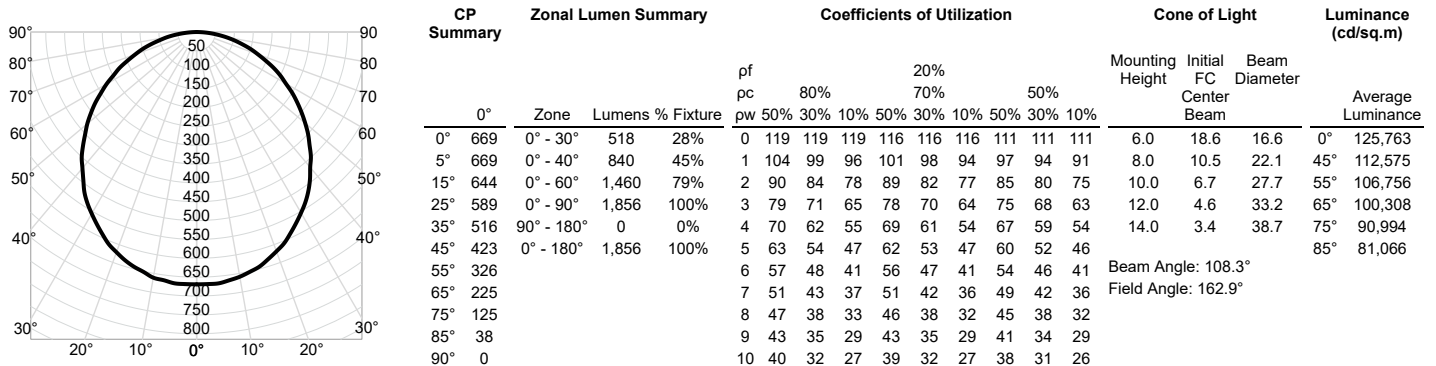
Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

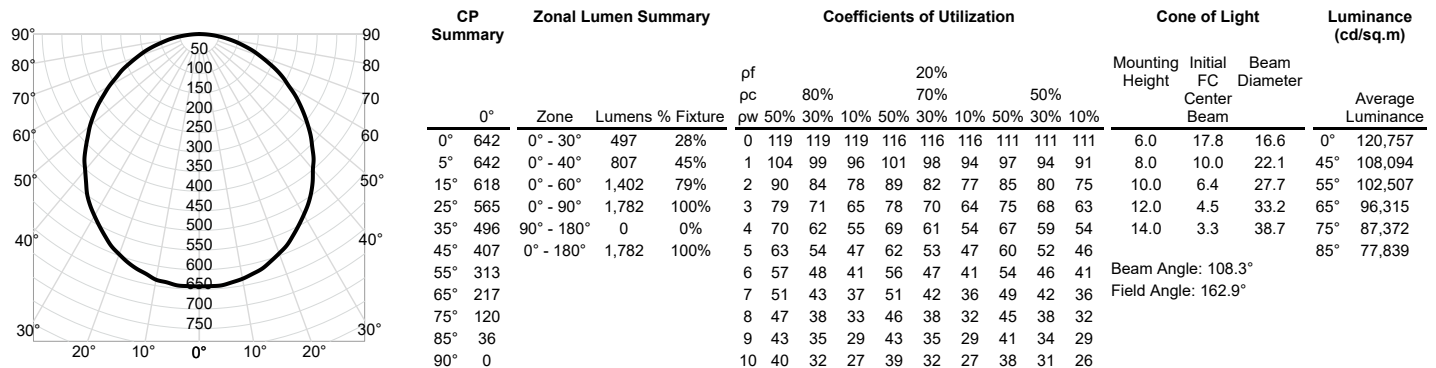
**WF8 LED 27K30K35K MVOLT 90CRI 2700K** Input Watts: 20.7, Delivered Lumens: 1657, LPW: 80.0, S/MH: 1.23, Test No: ISF 36826P113



**WF8 LED 27K30K35K MVOLT 90CRI 3000K** Input Watts: 19.8, Delivered Lumens: 1856, LPW: 93.7, S/MH: 1.23, Test No: ISF 36826P114



**WF8 LED 27K30K35K MVOLT 90CRI 3500K** Input Watts: 20.8, Delivered Lumens: 1782, LPW: 85.7, S/MH: 1.23, Test No: ISF 36826P115



# WF4 WF6 WF8 MVOLT Switchable White 4", 6" or 8" LED Wafer Module

## PHOTOMETRICS

Distribution Curve

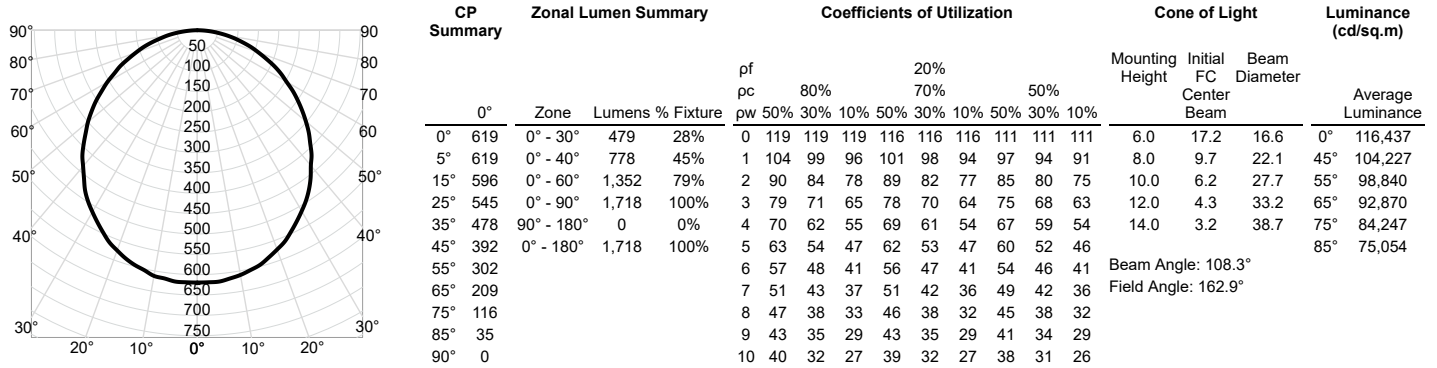
Distribution Data

Output Data

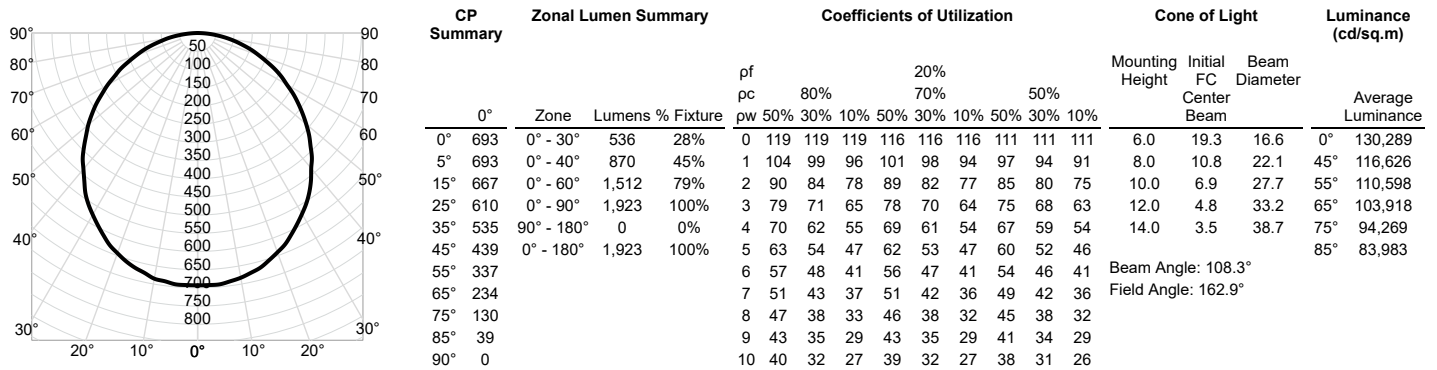
Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

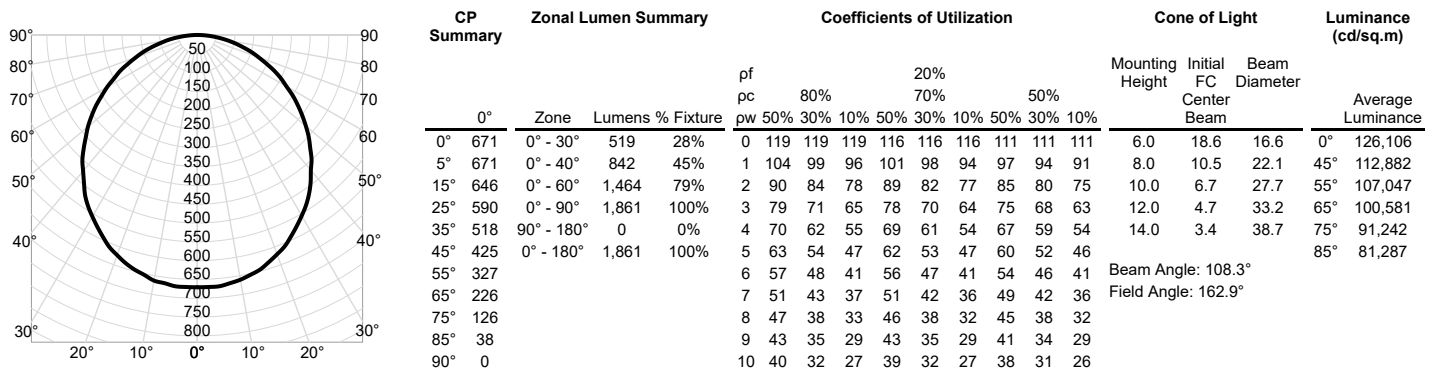
**WF8 LED 30K40K50K MVOLT 90CRI 3000K** Input Watts: 20.4, Delivered Lumens: 1718, LPW: 84.2, S/MH: 1.23, Test No: ISF 36826P116



**WF8 LED 30K40K50K MVOLT 90CRI 4000K** Input Watts: 19.6, Delivered Lumens: 1923, LPW: 98.1, S/MH: 1.23, Test No: ISF 36826P117



**WF8 LED 30K40K50K MVOLT 90CRI 5000K** Input Watts: 20.6, Delivered Lumens: 1861, LPW: 90.3, S/MH: 1.23, Test No: ISF 36826P118



# WF4 WF6 WF8 MVOLT Switchable White 4", 6" or 8" LED Wafer Module

## ENERGY DATA

WF8 LED 27K30K35K MVOLT			
Color Temperature	2700K	3000K	3500K
Lumens	1630	1800	1740
CRI	90	90	90
Rated wattage	20.7	19.8	20.8
Lu/Watts	78.7	90.9	83.7
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.17A	0.17A	0.17A

WF8 LED 30K40K50K MVOLT			
Color Temperature	3000K	4000K	5000K
Lumens	1690	1850	1820
CRI	90	90	90
Rated wattage	20.4	19.6	20.6
Lu/Watts	82.8	94.4	88.3
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.17A	0.17A	0.17A

# WF4 WF6 WF8 MVOLT Switchable White 4", 6" or 8" LED Wafer Module

## LIGHTING PERFORMANCE DATA

### WF4



#### LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT)  
Aspect de la lumière (CCT)

**2700K** soft white | blanc doux

730 lumens | 70 lumens per watt

**3000K** warm white | blanc chaud

800 lumens | 76 lumens per watt

**3500K** neutral white | blanc neutre

780 lumens | 74 lumens per watt

Watts **10.5**

Color Accuracy (CRI) **90**  
Précision des couleurs (CRI)

#### LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT)  
Aspect de la lumière (CCT)

**3000K** warm white | blanc chaud

750 lumens | 71 lumens per watt

**4000K** cool white | blanc froid

810 lumens | 77 lumens per watt

**5000K** daylight | lumière du jour

790 lumens | 75 lumens per watt

Watts **10.5**

Color Accuracy (CRI) **90**  
Précision des couleurs (CRI)

### WF6



#### LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT)  
Aspect de la lumière (CCT)

**2700K** soft white | blanc doux

1070 lumens | 76 lumens per watt

**3000K** warm white | blanc chaud

1150 lumens | 82 lumens per watt

**3500K** neutral white | blanc neutre

1110 lumens | 79 lumens per watt

Watts **14**

Color Accuracy (CRI) **90**  
Précision des couleurs (CRI)

#### LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT)  
Aspect de la lumière (CCT)

**3000K** warm white | blanc chaud

1090 lumens | 78 lumens per watt

**4000K** cool white | blanc froid

1190 lumens | 85 lumens per watt

**5000K** daylight | blanc neutre

1120 lumens | 80 lumens per watt

Watts **14**

Color Accuracy (CRI) **90**  
Précision des couleurs (CRI)

### WF8



#### LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT)  
Aspect de la lumière (CCT)

**2700K** soft white | blanc doux

1630 lumens | 82 lumens per watt

**3000K** warm white | blanc chaud

1800 lumens | 90 lumens per watt

**3500K** neutral white | blanc neutre

1740 lumens | 87 lumens per watt

Watts **20.5**

Color Accuracy (CRI) **90**  
Précision des couleurs (CRI)

#### LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT)  
Aspect de la lumière (CCT)

**3000K** warm white | blanc chaud

1690 lumens | 85 lumens per watt

**4000K** cool white | blanc froid

1850 lumens | 93 lumens per watt

**5000K** daylight | lumière du jour

1820 lumens | 91 lumens per watt

Watts **20.5**

Color Accuracy (CRI) **90**  
Précision des couleurs (CRI)