

Project

Type



Date

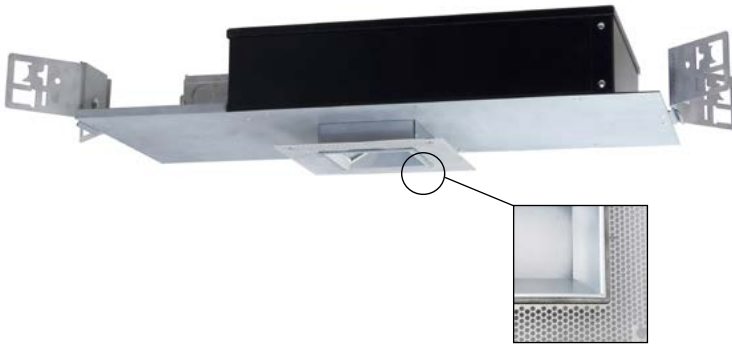
Product Code

Designer

# EPIC WAFER PRIM SQUARE/3 WL

recessed trimless square IC LED wallwasher

SHALLOW - SHALLOW - SHALLOW - SHALLOW - SHALLOW - SHALLOW - SHALLOW - SHALLOW



## FEATURES

- **EPIC WAFER PRIM SQUARE/3 WL is a 3" aperture LED wallwasher** designed for insulation contact (IC) and certified airtight under ASTM E183. **Recess depth is only 4"** (housing depth of 3" plus a 1" throat).
- **Luminaire is powered by Cree chip-on-board LEDs** providing CRIs of 80+ and 90+. See tables below for wattages and efficacies.
- **Luminaire is exclusively designed for installation in sheet rock** to achieve a flush trim detail. Installation includes the application of drywall compound over the luminaire's integral spackle screen to the rim of its integral plaster ring.
- **External reflectors** are available in two clear natural aluminum finishes – slightly diffuse (V) or fully diffuse (EC) – as well as black and white.
- **Luminaire includes a pair of residential mounting bars** extendable to 20" and designed for use in wood joists.
- **Housing is constructed from 20-gauge electro-zinc, polyester-coated steel** in Edison Price Lighting's American factory. Heavy-gauge metals, an additional protective coating, and American manufacturing guarantees long-lasting durability.
- **For more information, [click here](#).**

## APPLICATIONS

Luminaire is listed for direct contact with insulation, certified airtight under ASTM E283, and suitable for damp location. Luminaire is suitable for use in a fire rated ceiling. Removal of the external reflector allows access to the LED module, driver and junction box.

Overlap square aperture model of this fixture, see [EPIC WAFER SQUARE/3 WL](#)  
 Standard recessed square aperture, see [WAFER PRIM SQUARE/3 WL](#)  
 Standard recessed round aperture, see [WAFER/3 WL](#)  
 IC-rated round aperture, see [EPIC WAFER/3 WL](#)

## PRODUCT CODE

For complete product code, list basic unit and select one item from each following box.

Basic Unit ..... WP3IC-CLT-WL

### Light Source Output (Lumens)

800 lumens / CRI 90+ ..... 2700K & 3000K only.....	- L08H
1000 lumens ..... 2700K & 3000K only.....	- L10H
1000 lumens / CRI 80+ .....	- L10S
1200 lumens.....	- L12S

### Driver

dimmable to 1% by a 0-10V dimmer on 120 Or 277-volt service.....	- DMV
dimmable to 5% by either an incandescent or electronic low voltage dimmer only; 120-volt service only.....	- DMP
dimmable to 1% by a 2-wire Lutron compatible dimmer .....	- DMI-LU
dimmable to 1% SoftOn/FadeToBlack by a Lutron EcoSystem control.....	- ECO-LU
eldoLED 0-10V (Logarithmic) driver dimmable to 0.1% with a 0-10V dimmer .....	- DVOELG
eldoLED 0-10V (Linear) driver dimmable to 0.1% with a 0-10V dimmer .....	- DVOELN
eldoLED driver dimmable to 0.1% with DALI control system .....	- DAO-EL

### Light Color

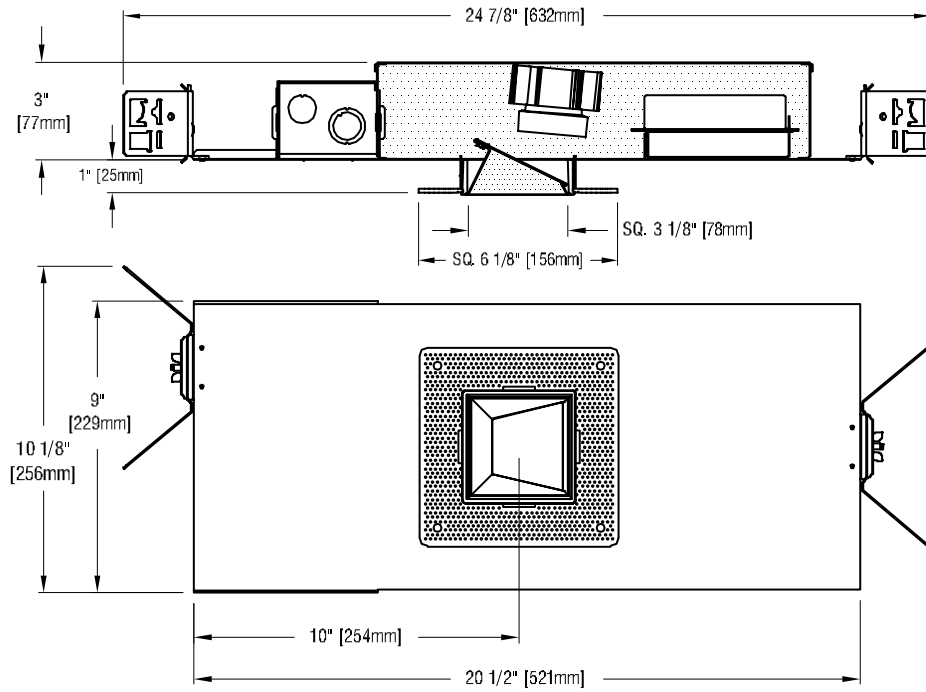
2700 K.....	- 27K
3000 K.....	- 30K
3500 K.....	- 35K
4000 K.....	- 40K

### External Reflector Color and Trim

Slightly diffuse Clear .....	- VTL
Fully diffuse Clear .....	- ECTL
Black.....	- BTL
White.....	- WTL



Requires ceiling opening of 4" (102mm) square in a drywall ceiling.



– see below for photometric reports –



## PHOTOMETRIC REPORT (tested per IESNA LM-79-2008)

Prorated from Verification Services Report No. 12305658.01A. Original test report furnished upon request.

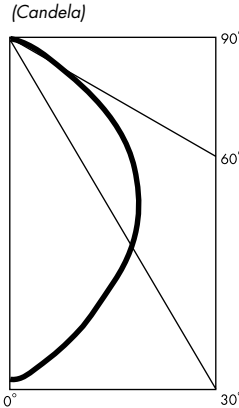
Luminaire ..... recessed LED square lensed wallwasher with internal lens and semi-specular clear aluminum reflector  
 Light Source ..... Cree CXB1310 LED with spread integral lens, 2700K CCT, 90 CRI, 1000 lumens  
 Lamp Life ..... rated 50,000 hours based on L70/B50 criteria. LM80 report LED manufacturer furnished upon request

### WALLWASH INFORMATION 1000 LUMENS LED

Distance From Ceiling (Feet)	3' From Wall; 3' O.C.		3' 6" From Wall; 3' 6" O.C.	
	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures
1	1	1	1	1
2	9	9	4	5
3	15	14	10	10
4	14	14	11	11
5	12	11	10	10
6	9	9	8	8
7	7	7	7	7
8	6	6	5	5
9	4	4	4	4
10	4	4	4	4

All vertical footcandles are initial values with no contribution from ceiling or floor reflectances. Computation performed with a total of ten wallwashers.

### CANDLEPOWER DISTRIBUTION



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Light Engine	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
800 Lumens 90 CRI	428*	48*	9
1000 Lumens 90 CRI	509	48	10
1000 Lumens 80 CRI	529*	59*	9
1200 Lumens 80 CRI	631*	63*	10

\*estimated values

### STANDARD DMV DRIVER INFORMATION (UL Class 2, dry and damp location)

Voltage	120	277
Input Watts (L08H/L10H/L10S/L12S)	9/10/9/10	9/10/9/10
Input Current (A) (L08H/L10H/L10S/L12S)	08/08/08/08	04/04/04/04
Output Current (mA)	220-270	220-270
Min. Power Factor	.99	.99
Operating Temperature Range (F)	-13 to 122	-13 to 122

### LIGHT OUTPUT MULTIPLIER

LED Light Engine	Light Output Multiplier
800 Lumens 90 CRI	0.84*
1000 Lumens 90 CRI	1
1000 Lumens 80 CRI	1.04*
1200 Lumens 80 CRI	1.24*

\*estimated values

### REFLECTOR COLOR MULTIPLIERS

Slightly diffuse clear (V)	1
Champagne Gold (G)	1
Specular white (W)	.70
Black (B)	.40