

Project

Type



Date

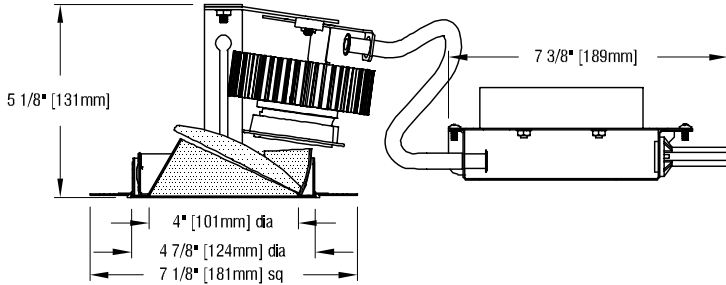
Product Code

Designer

PRESTINA WAFER/4 WL

recessed shallow LED wallwasher trim flush remodeler

HIGH EFFICACY – HIGH EFFICACY – HIGH EFFICACY – HIGH EFFICACY – HIGH EFFICACY – HIGH EFFICACY – HIGH EFFICACY



PRODUCT CODE

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

| | |
|-------------------------------------|--|
| Basic Unit | PST-CLT-4-WL-TFR |
| Light Source Output (Lumens) | |
| 800 lumens / CRI 90+ | 2700K & 3000K only - L08H |
| 1000 lumens | 2700K & 3000K only - L10H |
| 1200 lumens | 2700K & 3000K only ZGOMAG - L12H |
| 1500 lumens | 2700K & 3000K only ZGOMAG - L15H |
| 1000 lumens / CRI 80+ | - L10S |
| 1200 lumens | - L12S |
| 1500 lumens | ZGOMAG - L15S |
| 1800 lumens | ZGOMAG - L18S |

FEATURES

- Prestina Wafer/4 WL is a 4" diameter aperture LED remodeler wallwasher with an overall depth of 5 1/8".
- Luminaire is designed for installation from below in a sheet rock ceiling to achieve a flush reflector trim detail. Installation includes the application of drywall compound over the integral spackle screen to the rim of the integral plaster ring.
- The optical assembly consists of an internal reflector and a 40° x 70° glass spread lens and is capable of 365° rotation.
- Luminaire is powered by one of a number of Cree Chip on board LEDs. See below for wattages and efficacies.
- External reflectors are available in three clear natural aluminum colors – semi-specular (C), slightly diffuse (V) or fully diffuse (EC) – as well as champagne gold, black Alzak® and specular white enamel. Other finishes are available on special order.
- For more information, [click here](#).

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
- dimmable to 0.1% by a Zigbee wireless network (Daintree, Encelium or Wink); wireless range 50' through standard walls; available with four models only (see box above) - ZGOMAG

Light Color

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

External Reflector Color and Trim

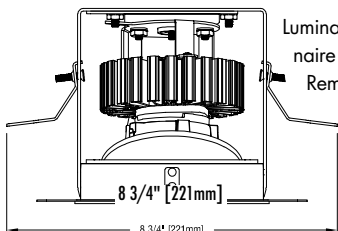
| | |
|------------------------------|------|
| Semi-specular Clear | CTF |
| Slightly diffuse Clear | VTF |
| Fully diffuse Clear | ECTF |
| Champagne Gold..... | GTF |
| Black..... | BTF |
| White..... | WTF |



APPLICATIONS

Installation locations should offer the following conditions:

- ceiling material 2" or less thick capable of supporting 16 pounds
- recess depth of at least 5 1/8"
- plenum free of joists or obstructions for at least 12" from center along one side (to accommodate junction box).



Luminaire is listed as an inherently protected luminaire for Damp Location. Luminaire is RoHS compliant. Removal of the external reflector allows access to the LED module and junction box.

Overlap trim model, see [PRESTO WAFER/4 WL](#)
 Standard recessed, see [WAFER/4 WL](#)
 IC-rated, see [EPIC WAFER/4 WL](#)



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

Verification Services Report No. 11827425.11. Original test report furnished upon request.

Luminaire recessed LED lensed wallwasher with internal lens and semi-specular clear aluminum external reflector
 Light Source Cree CXB1310 LED with 60° beam spread integral lens, 2700K CCT, 90 CRI, 1200 lumens
 Lamp Life rated 50,000 hours based on L70/B50 criteria. LM80 report LED manufacturer furnished upon request

WALLWASH INFORMATION | 200 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 | 23 | 14 | 15 | 9 |
| 2 | 30 | 23 | 22 | 16 |
| 3 | 28 | 23 | 22 | 17 |
| 4 | 21 | 19 | 18 | 16 |
| 5 | 15 | 14 | 14 | 13 |
| 6 | 10 | 10 | 10 | 10 |
| 7 | 7 | 7 | 7 | 7 |
| 8 | 5 | 5 | 5 | 5 |
| 9 | 4 | 4 | 4 | 4 |
| 10 | 3 | 3 | 3 | 3 |

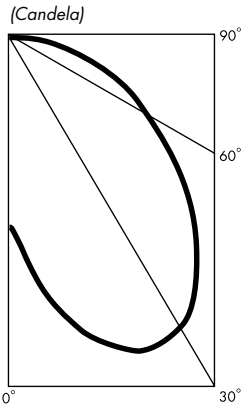
All vertical footcandles are initial values with no contribution from ceiling or floor reflectances. Computation performed with a total of ten wallwashers.

WALLWASH INFORMATION | 800 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 | 32 | 22 | 22 | 13 |
| 2 | 44 | 34 | 31 | 23 |
| 3 | 40 | 35 | 31 | 25 |
| 4 | 30 | 28 | 26 | 23 |
| 5 | 21 | 21 | 20 | 19 |
| 6 | 15 | 15 | 15 | 14 |
| 7 | 11 | 11 | 11 | 11 |
| 8 | 8 | 8 | 8 | 8 |
| 9 | 6 | 6 | 6 | 6 |
| 10 | 4 | 4 | 5 | 5 |

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 | RX Light Output (90 min. run) |
|--------------------|------------------------|-------------------------------|----------------|-------------------------------|
| 800 Lumens 90 CRI | 342* | 38* | 9 | 221* |
| 1000 Lumens 90 CRI | 410* | 41* | 10 | 221* |
| 1200 Lumens 90 CRI | 526 | 41 | 13 | 221* |
| 1500 Lumens 90 CRI | 615* | 36* | 17 | 221* |
| 1000 Lumens 80 CRI | 426* | 47* | 9 | 268* |
| 1200 Lumens 80 CRI | 505* | 50* | 10 | 268* |
| 1500 Lumens 80 CRI | 631* | 49* | 13 | 268* |
| 1800 Lumens 80 CRI | 757* | 45* | 17 | 268* |

*estimated values

LIGHT OUTPUT MULTIPLIER

| LED Light Engine | Light Output Multiplier |
|--------------------|-------------------------|
| 800 Lumens 90 CRI | 0.65* |
| 1000 Lumens 90 CRI | 0.78* |
| 1200 Lumens 90 CRI | 1 |
| 1500 Lumens 90 CRI | 1.17* |
| 1000 Lumens 80 CRI | 0.81* |
| 1200 Lumens 80 CRI | 0.96* |
| 1500 Lumens 80 CRI | 1.20* |
| 1800 Lumens 80 CRI | 1.44* |

*estimated values

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

| Voltage | 120 | 277 |
|--|-------------------------|-------------------------|
| Input Watts (L08H/L10H/L12H/L15H/L10S/L12S/L15S/L18S) | 9/10/13/17/9/10/13/17 | 9/10/13/17/9/10/13/17 |
| Input Current (A) (L08H/L10H/L12H/L15H/L10S/L12S/L15S/L18S) | 08/08/11/14/08/08/11/14 | 03/04/05/06/03/04/05/06 |
| Output Current (mA) | 350-700 | 350-700 |
| Min. Power Factor | .99 | .99 |
| Operating Temperature Range (F) | -13 to 122 | -13 to 122 |

REFLECTOR COLOR MULTIPLIERS

| | |
|----------------------------|-----|
| Slightly diffuse clear (V) | 1 |
| Fully diffuse clear (EC) | .90 |
| Champagne gold clear (G) | 1 |
| Specular white (W) | .70 |
| Black (B) | .40 |