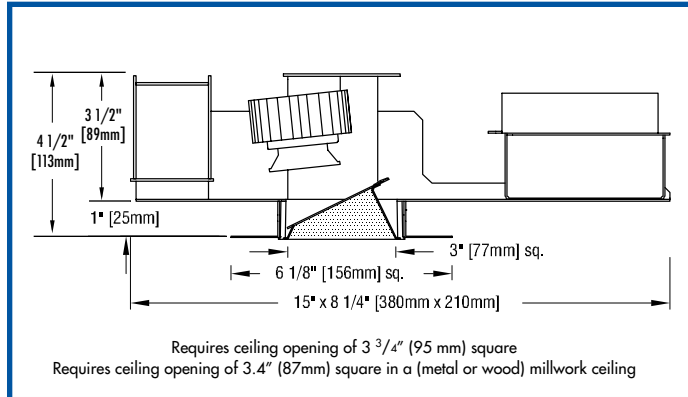# PRIM SQUARE WL/3

recessed square trimless LED wallwasher

PRECISE OPTICS – PRECISE OPTICS – PRECISE OPTICS – PRECISE OPTICS – PRECISE OPTICS – PRECISE OPTICS – PRECISE OPTICS

3 1/2" [89mm]
4 1/2" [113mm]
1" [25mm]
3" [77mm] sq.
6 1/8" [156mm] sq.
15" x 8 1/4" [380mm x 210mm]

Requires ceiling opening of 3 3/4" (95 mm) square
Requires ceiling opening of 3.4" (87mm) square in a (metal or wood) millwork ceiling

FEATURES

- **PRIM SQUARE WL/3 is a 3" trimless square LED wallwasher.** Luminaire is powered by one of a number of Xicato XTM (19mm) LED modules, distinguished by extraordinary color consistency (within 1x2-step MacAdam ellipse). See below for wattages and efficacies.

- **Luminaire is 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.

- **Luminaire overall depth is 4 ½"** (housing depth of 3 ½" plus a 1" throat).

- **Precise reflector design provides uniform illumination** on vertical surfaces up to the ceiling line. The optical assembly consists of an internal reflector and a diffuser mounted atop an external reflector trim. Heat sink/LED/internal reflector assembly is capable of full circle horizontal rotation.

- **External reflectors are available in two clear natural aluminum finishes** – slightly diffuse (V) or fully diffuse (EC) – as well as black and white.

- **Housing is constructed from 14-gauge and 16-gauge electro-zinc steel** in Edison Price Lighting's American factory. Heavy-gauge metals and American manufacturing guarantee long-lasting durability.

- **Luminaire includes a pair of 3/4" x 27" C channel mounting bars.** Specialty bars for wood joist and T-bar installations are also available.

- **For more information, click here.**

APPLICATIONS

Fixture is ⓒⓛ listed for Damp Location. Fixture is prewired with thermal protector and approved for eight #12 wire 90° branch circuit pull-through wiring. Removal of the external reflector trim allows access to the LED module and junction box.
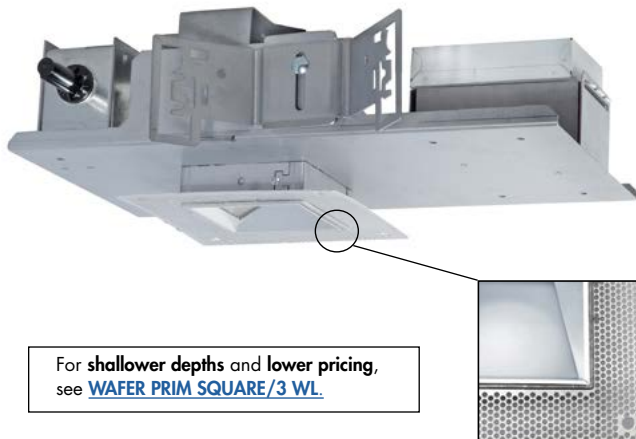
For **shallower depths** and **lower pricing**, see **WAFER PRIM SQUARE/3 WL.**

PRODUCT CODE

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

Basic Unit P3-XTM-WL

Driver

dimmable to 1% by a 0-10V dimmer on 120 or 277-volt service ..... – DMV

dimmable to 5% or 10% (see Lumen Source Output box below) by either an incandescent or ELV dimmer; 120-volt service only ....– DMP

eldoLED 0-10V (Logarithmic) driver dimmable to 0.1% with a 0-10V dimmer on 120 or 277-volt service .... – DV0ELG

eldoLED 0-10V (Linear) driver dimmable to 0.1% with a 0-10V dimmer on 120 or 277-volt service .... – DV0ELN

eldoLED driver dimmable to 0.1%, compatible with DALI control system .... – DA0-EL

Moons' driver dimmable to 0.1%, compatible with DMX controllers .... – DX0

Light Source Output (Lumens) *Choose one.*

700L / CRI 98 Artist	DMP(10%)	- L07A
1000L / CRI 98	DMP(5%)	- L10A
1400L / CRI 98	DMP(5%)	- L14A
1000L / CRI 90 Designer	DMP(5%)	- L10H
1300L / CRI 90	DMP(5%)	- L13H
1600L / CRI 90	DMP(5%)	- L16H
1000L / CRI 80+ Vibrant	DMP(10%)	- L10V
1300L / CRI 80+	DMP(10%)	- L13V
1600L / CRI 80+	DMP(5%)	- L16V
1000L / CRI 80+ standard	DMP(10%)	- L10S
1300L / CRI 80+	DMP(10%)	- L13S
1600L / CRI 80+	DMP(5%)	- L16S

Vibrant available in 3000K only   Designer available in 2700K and 3000K

Light Color

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

Voltage

120 volt service	- 120
277 volt service	- 277

External Reflector Color

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

OPTIONS *Specify by adding to the basic unit.*

Millwork trim detail consists of an aperture collar (see below) and an external reflector (see above).

milled aluminum aperture collar	- M
white aperture collar	- MWH
black aperture collar	- MBL
custom color aperture collar	- MCC

EXTERNAL REFLECTOR TRIMS

Trim Flush
TF
TF RING/3

Millwork
M
COLLAR

PRIM SQUARE WL/3
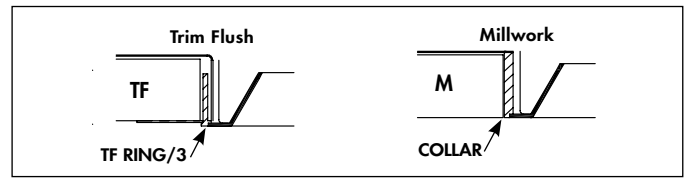
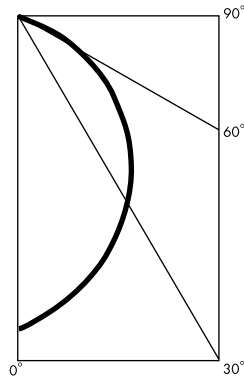## PHOTOMETRIC REPORT (tested per IESNA LM-79-2008)

Ⓤ Verification Services Report No. 11729420.01 . Original test report furnished upon request.

Luminaire .... recessed LED square lensed wallwasher with semi-specular clear aluminum reflector
Light Source .... one white Xicato XTM 19mm LES LED, 3000K CCT, 80 CRI, 1600 lumens
Lamp Life .... rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

WALLWASH INFORMATION

Distance From Ceiling (Feet)	3' From Wall; 3' O.C. 1600 lumens LED		3' 6" From Wall; 3' 6" O.C. 1600 lumens LED	
	Between Fixture	Between Fixtures	Between Fixture	Between Fixtures
1	8	6	5	4
2	20	18	13	12
3	21	20	16	15
4	18	18	15	14
5	15	14	13	12
6	11	12	10	10
7	9	9	8	8
8	7	7	7	7
9	6	6	6	5
10	5	5	5	4

CANDLEPOWER DISTRIBUTION

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

Voltage	120	277
Input Watts (L07A/L10A/L14A/L10H/L13H/16H/L10S&V/L13S&V/L16S&V)	10/13/16/12/16/16/10/14/16	10/13/16/12/16/16/10/14/16
Input Current (A) (L07A/L10A/L14A/L10H/L13H/16H/L10S&V/L13S&V/L16S&V)	.08/.11/.13/.10/.13/.13/.08/.12/.13	.04/.05/.06/.04/.06/.06/.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	.70
Black (B)	.80

LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Light Engine	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
700 Lumens Artist	334*	33*	10
1000 Lumens Artist	447*	34*	13
1400 Lumens Artist	627*	39*	16
1000 Lumens Designer	447*	37*	12
1300 Lumens Designer	603*	38*	16
1600 Lumens Designer	735*	45*	16
1000 Lumens standard & Vibrant	447*	45*	10
1300 Lumens standard & Vibrant	603*	43*	14
1600 Lumens standard & Vibrant	735	45	16

*estimated values

LIGHT OUTPUT MULTIPLIER

LED Light Engine	Light Output Multiplier
700 Lumens Artist	0.45*
1000 Lumens Artist	0.61*
1400 Lumens Artist	0.85*
1000 Lumens Designer	0.61*
1300 Lumens Designer	0.82*
1600 Lumens Designer	1*
1000 Lumens standard & Vibrant	0.61*
1300 Lumens standard & Vibrant	0.82
1600 Lumens standard & Vibrant	1

*estimated values