

Project

Type



Date

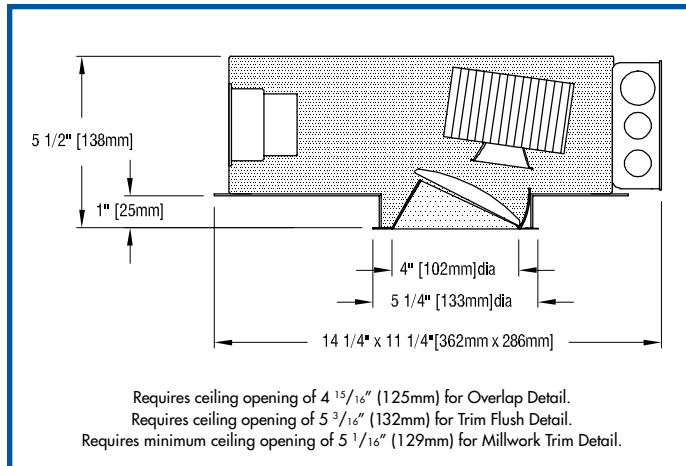
Product Code

Designer

# FOUR XTM WL

recessed LED wallwasher

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## FEATURES

- **FOUR XTM WL is a 4" aperture LED wallwasher.** Luminaire is powered by one of a number of Xicato XTM (19mm) LED modules, all of which are distinguished by extraordinary color consistency (within 1x2-step MacAdam ellipse). See tables below for wattages and efficacies. Luminaire may be ordered with one of a number of drivers.
- **Precise reflector design provides uniform illumination** on vertical surfaces up to the ceiling line and minimizes aperture brightness. The optical assembly consists of two internal reflectors, a 40° x 70° glass spread lens, and an external trim. The optical assembly rotates 362°, if required.
- **Luminaire accepts one of a number of Optical Accessories** including color filters and screens.
- **External reflectors are available in three natural aluminum finishes** – semi-specular (C), slightly diffuse (V) or fully diffuse (EC) – as well as black Alzak® and specular white enamel. Other finishes are available on special order.
- **Housing is constructed from 20-gauge electro-zinc, polyester-coated steel** in Edison Price Lighting's American factory. Heavy-gauge metals and American manufacturing guarantee long-lasting durability.
- **Luminaire includes a pair of mounting bars** (3/4" x 27" C channel). Specialty bars for wood and T-bar installations are also available.
- **For more information, [click here](#).**

## APPLICATIONS

Luminaire is listed as an inherently protected luminaire for Damp Location. Luminaire is RoHA compliant, is suitable for use in a fire rated ceiling and is approved for ten #12 wire 90° C branch circuit wiring. Removal of the external reflector allows access to the LED module and junction box.



### SPACING

Three models – L13A, L20S and L20V – must be spaced 30" apart and 15" from walls with 1/2" clearance above housing.

For **higher lumen packages** and **lower pricing**, see [FOUR HI CZS WL](#) and [LED FTF WL/4](#).

For **lowest pricing**, see [VALUE WL/4](#).

For **shallower depths** and **lower pricing**, see [WAFER/4 WL](#).

## PRODUCT CODE

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

**Basic Unit** ..... FR-XTM-WL

### Driver

dimmable to 1% by a 0-10V dimmer on 120 or 277-volt service..... – DMV  
 dimmable to 5% or 10% (see Light Output box below) by either an incandescent or ELV dimmer; 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; **not** available with **L07A, L10S** or **L10V** models ..... – ECO-LU  
 eldoLED 0-10V (Logarithmic) driver dimmable to 0.1% with a 0-10V dimmer on 120 or 277-volt service ..... – DVOELG  
 eldoLED 0-10V (Linear) driver dimmable to 0.1% with a 0-10V dimmer on 120 or 277-volt service ..... – DVOELN  
 eldoLED driver dimmable to 0.1%, compatible with DALI control system ..... – DA0-EL  
 Moons' driver dimmable to 0.1%, compatible with DMX controllers ..... – DXO

### Light Source Output (lumens)

700L / CRI 98 Artist .....	DMP (10%)	- L07A	
1000L / CRI 98 Artist .....	DMP (5%)	- L10A	
1000L / CRI 80+ .....	DMP (10%)	- L10S	
1000L / CRI 80+ Vibrant .....	3000K only.....	DMP (10%) - L10V	
1300L / CRI 98 Artist .....	see SPACING.....	DMP (5%) - L13A	
1300L / CRI 80+ .....	DMP (10%)	- L13S	
1300L / CRI 80+ Vibrant .....	3000K only.....	DMP (10%) - L13V	
1600L / CRI 98 Artist .....	DMP (5%)	- L16A	
1600L / CRI 80+ .....	DMP (5%)	- L16S	
1600L / CRI 80+ Vibrant .....	3000K only.....	DMP (5%) - L16V	
2000L / CRI 80+ .....	see SPACING.....	DMP (5%) - L20S	
2000L / CRI 80+ Vibrant ..	see SPACING..	3000K only.....	DMP (5%) - L20V

### Light Color

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

### External Reflector Color and Trim

	Overlap	Trim Flush*
Semi-specular Clear .....	COL .....	CTF
Slightly diffuse Clear .....	VOL.....	VTF
Fully diffuse Clear .....	ECOL.....	ECTF
Black.....	BOL.....	BTF
White.....	WOL.....	WTF

Other reflector finishes available on special order.

Standard reflector flange continues reflector finish. White painted flanges and custom painted flanges are available on special order. Add WF (white flange) or CCF (custom color flange).

\*Trim Flush reflector trim requires the use of a **plaster ring** Accessory (see below).

► Reflectors detailed for metal or wood ceilings available on special order.

## OPTIONS Specify by adding to the basic unit.

**Millwork trim detail** consists of an aperture collar (see below) and a Trim Flush (TF) external reflector (see above). *Note: a Plaster Ring is not required.*

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

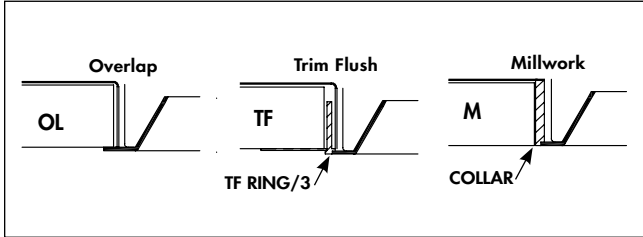
**Remote emergency battery pack** including two components – battery pack and plate with test switch and light – to be mounted adjacent to luminaire; for use in accessible ceilings ..... – RX

## ACCESSORIES Specify as a separate line item.

**Plaster ring** allows use of 4 7/8" OD Trim Flush (TF) reflector in sheetrock ceiling; 5 3/16" dia hole required..... TF RING/4



## EXTERNAL REFLECTOR TRIMS



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

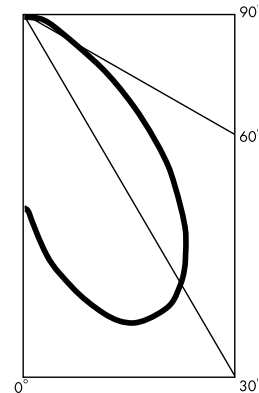
Verification Services Report No. 1173024. Original test report furnished upon request.

Luminaire ..... recessed LED round lensed wallwasher with semi-specular clear aluminum reflector  
 Light Source ..... one white Xicato XTM 19mm LES LED with 54° beam spread integral reflector, 3000K CCT, 80 CRI, 2000 lumens  
 Lamp Life ..... rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

### WALLWASH INFORMATION 2000 lumens LED light output

Distance From Ceiling (Feet)	2' 6" From Wall; 2' 6" O.C.		3' From Wall; 3' O.C.		3' 6" From Wall; 3' 6" O.C.	
	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures
1	12	10	7	6	4	4
2	27	22	15	12	9	7
3	29	27	21	18	14	12
4	24	23	19	18	15	14
5	18	17	16	16	13	13
6	13	13	13	13	11	11
7	10	10	10	10	9	9
8	8	8	8	8	7	7
9	6	6	6	6	6	6
10			5	5	5	5

### CANDLEPOWER DISTRIBUTION



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

Voltage	120	277
Input Watts (L07A/L10A/L13A/L16A/L10S <sup>AV</sup> /L13S <sup>AV</sup> /L16S <sup>AV</sup> /L20S <sup>AV</sup> )	10/15/19/20/10/15/17/20	10/15/19/20/10/15/17/20
Input Current (A) (L07A/L10A/L13A/L16A/L10S <sup>AV</sup> /L13S <sup>AV</sup> /L16S <sup>AV</sup> /L20S <sup>AV</sup> )	.08/13/16/17/08/13/14/17	.04/05/07/07/04/05/06/07
Output Current (mA)	350-700	350-700
Min. Power Factor	.99	.99
Operating Temperature Range (F)	-13 to 122	-13 to 122

### LIGHT OUTPUT MULTIPLIER

LED Light Engine	Light Output Multiplier	RX Light Output Multiplier
700 Lumens Artist	.37*	.26*
1000 Lumens Artist	.48*	.26*
1300 Lumens Artist	.64*	.26*
1600 Lumens Artist	.78*	.28*
1000 Lumens standard & Vibrant	.49*	.27*
1300 Lumens standard & Vibrant	.65*	.27*
1600 Lumens standard & Vibrant	.79*	.32*
2000 Lumens standard & Vibrant	1	.30*

\*estimated values

### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Light Engine	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage	RX Light Output (90 min. run)
700 Lumens Artist	213*	21*	10	152*
1000 Lumens Artist	283*	19*	15	152*
1300 Lumens Artist	373*	19*	19	152*
1600 Lumens Artist	454*	23*	20	163*
1000 Lumens standard & Vibrant	285*	28*	10	157*
1300 Lumens standard & Vibrant	381*	26*	15	157*
1600 Lumens standard & Vibrant	460*	26*	17	187*
2000 Lumens standard & Vibrant	583	30	20	175*

\*estimated values

### REFLECTOR COLOR MULTIPLIERS

Semi-specular clear (C)	1
Slightly diffuse clear (V)	.99
Fully diffuse clear (EC)	.88
Champagne gold clear (G)	.99
Black (B)	.80