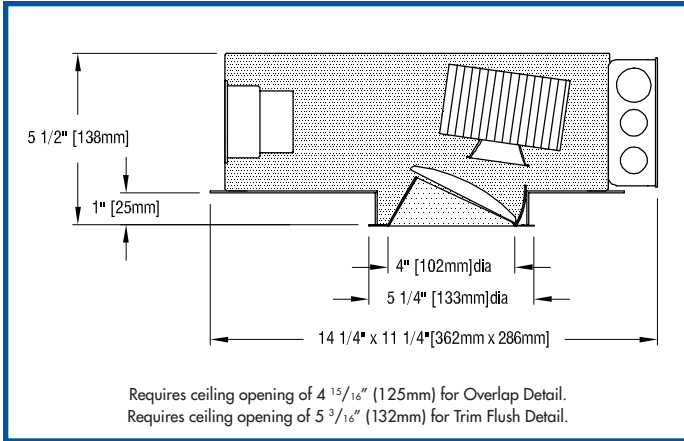


FOUR XTM WL

recessed LED wallwasher



FULLY SUSTAINABLE – FULLY SUSTAINABLE – FULLY SUSTAINABLE – FULLY SUSTAINABLE – FULLY SUSTAINABLE – FULLY SUSTAINABLE – FULLY SUSTAINABLE



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.
- **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.

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
Lutron L3D Hi-Lume driver dimmable to 1% by a Lutron 3-wire fluorescent dimmer or EcoSystem Bus Control, on 120-volt or 277-volt service – D3D-LU
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)

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+	see SPACING.....DMP (10%) ...	L13S
1300L / CRI 80+ Vibrant	3000K only.....DMP (10%) ...	L13V
1600L / CRI 98 Artist	see SPACING.....DMP (5%) ...	L16A
1600L / CRI 80+	see SPACING.....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.*

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



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

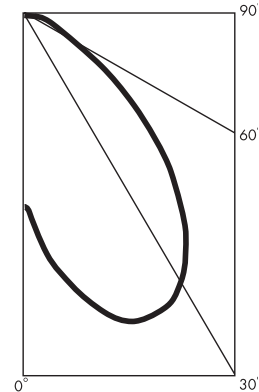
Verification Services Report No. 1173024. Original test report furnished upon request.

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*V/L13S*V/L16S*V/L20S*V)	10/15/19/20/10/15/17/20	10/15/19/20/10/15/17/20
Input Current (A) (L07A/L10A/L13A/L16A/L10S*V/L13S*V/L16S*V/L20S*V)	.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

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