FOUR HI XTM WL

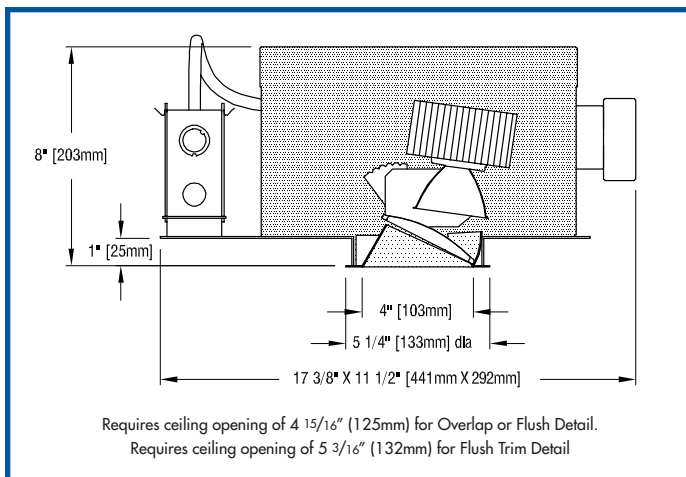*recessed LED wallwasher*

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

8" [203mm]

1" [25mm]

4" [103mm]

5 1/4" [133mm] dia

17 3/8" X 11 1/2" [441mm X 292mm]

Requires ceiling opening of 4 15/16" (125mm) for Overlap or Flush Detail.
Requires ceiling opening of 5 3/16" (132mm) for Flush Trim Detail

FEATURES

- **F**OUR HI XTM WL is a 4" aperture LED wallwasher** powered by one of a number of Xicato 19 mm XTM 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 363°, if required.

- **An optional Optical Accessories holder** permits the use of one of a number of optical accessories including color filters and screens.

- **External reflectors are available in clear natural aluminum finishes** — semi-specular (C), slightly diffuse (V) or fully diffuse (EC) — as well as champagne gold, black Alzak® or white. Other finishes available on special order.

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

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

APPLICATIONS

Luminaire is ⓒⓈⓊ listed for Damp Location. Fixture is prewired with an insulation detecting thermal protector. Luminaire approved for eight #12 wire 90° C branch circuit pull through wiring and is suitable for use in a fire rated ceiling. Removal of the external reflector allows access to the LED module and junction box.

SPACING REQUIREMENT
The **L30S** and **L30V** model of this luminaire must be spaced 30" apart and 15" from walls, and must have ½" clearance above housing.

PRODUCT CODE

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

Basic Unit FH-XTM-4WL

Driver

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

dimmble to 5% or 10% (see Light 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)

1000L / CRI 98 Artist ....DMP (5%)	..	- L10A
1300L / CRI 98 Artist ....DMP (5%)	..	- L13A
1300L / CRI 80+ ....DMP (10%)	..	- L13S
1300L / CRI 80+ Vibrant .... *3000K only* ....DMP (10%)	..	- L13V
1600L / CRI 80+ ....DMP (5%)	..	- L16S
1600L / CRI 80+ Vibrant .... *3000K only* ....DMP (5%)	..	- L16V
2100L / CRI 98 Artist..DMP (5%)	..	- L21A
2100L / CRI 80+ ....DMP (5%)	..	- L21S
2100L / CRI 80+ Vibrant .... *3000K only* ....DMP (5%)	..	- L21V
3000L / CRI 80+ ....*see SPACING*		- L30S
3000L / CRI 80+ Vibrant ..*see SPACING ..3000K only*		- L30V

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 and Detail

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

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 fixture; for use in accessible ceilings ....- RX

ACCESSORIES *Specify as separate line item.*

holder for Optical Accessory..- XTM/4 OA HLDR

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

EDISON PRICE
LIGHTING

OPTICAL ACCESSORIES *Specify as separate line*

All are 3 ¾" (95mm) diameter. Filters are glass; screens are aluminum.

33% light reduction screen SCR33/3.75
50% light reduction screen SCR50/3.75

color filters
surprise pink PNK/3.75
daylight blue..DAY/3.75
amber AMB/3.75
blue BLU/3.75
green GRN/3.75
red RED/3.75

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

Prorated from (LTL) *Report No. 192259. Original Luminaire Testing Laboratories, Inc. (LTL) test reports furnished upon request.*
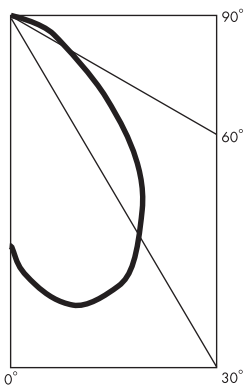
Luminaire .... recessed LED round lensed wallwasher with semi-specular clear aluminum reflector
Lamp .... Xicato XTM 19mm LED with 60° beam spread integral reflector, 3000K CCT, 1600 lumens
Lamp Life .... rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

CANDLEPOWER DISTRIBUTION

(Candela)

WALLWASH INFORMATION

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	16	13	9	8	6	5
2	25	22	15	14	10	9
3	27	26	20	18	14	12
4	22	22	18	18	14	13
5	17	17	15	15	12	12
6	13	13	12	12	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

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

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

Voltage	120	277
Input Watts (L10A/L13A/L21A/L13S&V/L16S&V/L21S&V/L30S&V lumens)	17/22/30/17/19/25/33	17/22/30/17/19/25/33
Input Current (A) (L10A/L13A/L21A/L13S&V/L16S&V/L21S&V/L30S&V lumens)	.14/.18/.25/.14/.16/.21/.28	.06/.08/.11/.06/.07/.09/.12
Output Current (mA)	500–800	500–800
Min. Power Factor	>0.9	>0.9
Operating Temperature Range (F)	-4 to 122	-4 to 122

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

LIGHT OUTPUT MULTIPLIER

LED Light Engine	Light Output Multiplier	EM Light Output Multiplier (90-minute run)
1000 Lumens Artist	.61*	.32*
1300 Lumens Artist	.81*	.32*
2100 Lumens Artist	1.32*	.35*
1300 Lumens standard & Vibrant	.82*	.33*
1600 Lumens standard & Vibrant	1	.37*
2100 Lumens standard & Vibrant	1.30*	.37*
3000 Lumens standard & Vibrant	1.80*	.35*

*estimated values

LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Light Engine	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage	EM Light Output (90 min. run)
1000 Lumens Artist	399*	23*	17	388*
1300 Lumens Artist	533*	25*	22	388*
2100 Lumens Artist	868*	29*	30	424*
1300 Lumens standard & Vibrant	538*	32*	17	400*
1600 Lumens standard & Vibrant	657	35	19	448*
2100 Lumens standard & Vibrant	852*	34*	25	448*
3000 Lumens standard & Vibrant	1178*	35*	33	424*

*estimated values