Advantage. Environmental Lighting

Catalog Number	
Project	
Type	

LWV16

LED Wall / Vanity

PRODUCT SPECIFICATIONS

DESCRIPTION
The LWV16 Series is an LED Wall/Vanity fixture available with multiple lens and finish options.

APPLICATIONS
The LWV16 Series of LED Wall/Vanity fixtures were designed to be high quality, energy efficient LED fixtures for use in wall or ceiling corridors, stairwells and bathrooms.

CONSTRUCTION
The fixture is constructed of a structurally embossed, heavy gauge, cold rolled steel. Optional 20 gauge body and one-piece end. Baffles and dividers are available for up, down, and/or front light. Ends with tapped holes to accommodate tamper-proof or regular screws.

OPTICAL SYSTEM
White pre-painted polyester polymer finish with a high reflectivity.

ELECTRICAL SYSTEM
Electronic driver 0-10V, 1% and 10% dimming standard. For outputs SL and ML, 0-10V 10% dimming driver (no dim to off) is standard. For outputs HL-HM, 0-10V 1% dim to off dimming driver standard. Long-life LED system rated for >130K hours (L70 @ 25°C). Complies with federal energy efficiency standards

MOUNTING
Units are designed for surface mounting on either a wall or ceiling.

LISTINGS
Designed for damp locations.

WARRANTY
5-Year Limited Warranty. Complete warranty and terms located at www.aelnow.com/warranty.

ORDERING INFORMATION
Example: LWV1640MSWMW

SERIES	COLOR TEMP		OUTPUT		DIFFUSER		VOLTAGE		COLOR		FIXTURE LENGTH		SENSOR	
LWV16	30	3000K	SL	Standard Low	CP	Clear Prismatic	M	Multi-Volt (120-277VAC)	W	White	2	2'	Blank	No Sensor
	35	3500K	ML	Medium Low	SW	Smooth White			C	Chrome	4	4'	WVOC	120-277V Motion and Sound Sensor
	40	4000K	HL	High Low					SP	Custom				
	50	5000K	SM	Standard Medium										
			MM	Medium Medium										
			HM	High Medium										

UPLIGHT/DOWNLIGHT		DRIVER		OPTIONS	
UL	Uplight	BLANK*	0-10V Dimming Driver (included standard)	12EBL	1200 Lumen Emergency Ballast
DL	Downlight	CD1	0-10V 1% to Off Dimming Driver	PC3	3-Step Pull Chain
FL	Front Light Only	CD5	0-10V 5% to Off Dimming Driver	CO	Convenience Outlet
NFL	No Front Light (Up / Down Only)	EDN	Electronic Driver Non-Dimming	LWV16WG	Wire Guard
		FLDD	Fifth Light Dali, Dimming	VDO	Lutron Vive Integral RF controller with daylight and occupancy sensing
		LDE1	Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	FCJS0	Lutron Vive Attached RF fixture controller for 0-10V drivers
		LDE5	Lutron LDE5 5-Series Ecosystem 5% Dimming		
		PSQ02U	Lutron T-Series 1% 2-Channel Tunable White		

0-10V 10% dimming driver (no dim to off) standard with SL-ML outputs. (4650 - 7974 lumens)
0-10V 1% to off dimming driver standard with HL- HH outputs. (11150 - 25000 lumens)

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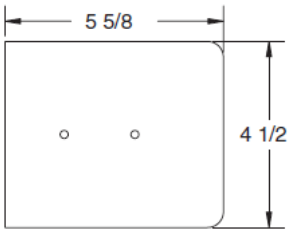
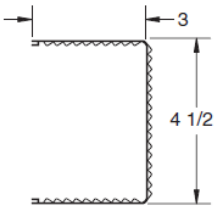
LWV16

LED Wall / Vanity

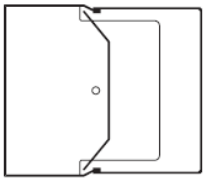
FIXTURE DIMENSIONS



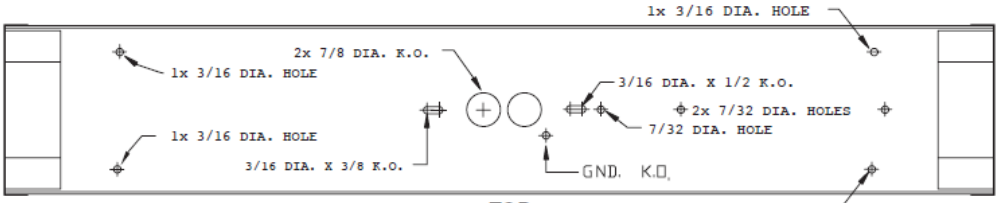
END



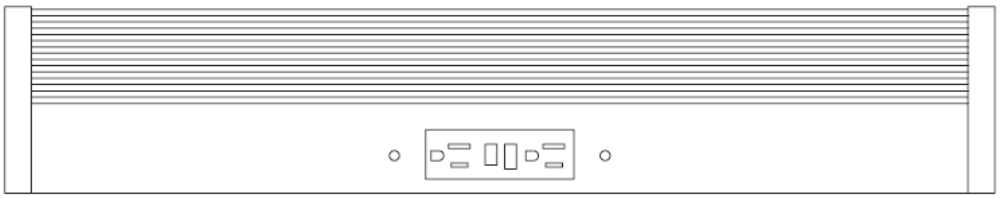
LENS



DIVIDER
OPTIONAL



TOP



SIDE W/LENS

ENERGY AND PERFORMANCE DATA

Input Voltage	120/277VAC
System Input Power	33 - 112 Watts*
Delivered Lumen Output	4650 - 15728 Lumens
Standard Dimming Control	0-10V
CCT	3000, 3500, 4000, 5000 Kelvin
CRI	82 (minimum)
Life Time Rating	>130,000 hrs @ L70
Input Frequency	50/60 Hz
Power Factor	>0.9
Operating Temp	30° to 50° C

*Actual wattage may differ by ±5% while operating 120/277V ±10%

Output	Delivered Lumens	System Wattage	L70 @20C (hrs)
SL	4650	33	>130K
ML	7974	57	>130K
HL	11150	80	>130K
SM	12040	86	>130K
MM	13016	93	>130K
HM	15728	112	>130K

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.94
2700K	0.91

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