

LEDPro

The LEDPro large LED wallpack replaces up to 250W pulse start metal halide wall-mounted fixtures in perimeter, security, stairwell, and entryway applications, while consuming up to 88% less energy and operating for 50,000 hours (L70). The LEDPro wallpack is designed for typical recommended mounting heights of 8 to 18 feet.

- Traditional design, familiar footprint
- Up to 88% energy savings vs. traditional HID sources
- 50,000 hour operating life (L70)

- 4000K (standard) CCT
- >80 CRI
- LED technology provides Instant-on operation

HOUSING / LENS / OPTICS UV stabilized impact resistant polycarbonate front cover with integrated lens and internally painted bronze finish. 8 captive screws secure cover to housing. Thermally efficient die-cast aluminum housing in natural finish with integrated heat sink fins for cooler operation and maximum LED operating life. White molded reflector and prismatic polycarbonate lens provide a Type IV distribution. Weatherproof silicone gasketing seals front face plate to housing.

LEDS Two lumen packages are available: LPLW55 has delivered light output of 5300 lumens at 56 watts, 4000K CCT; >80 CRI; LPLW80 has delivered light output of 7500 lumens at 80 watts, 4000K CCT; >80 CRI. LED operating life is 50,000 hours (L70). LPLW55 light engine consists of 108 LEDs mounted on aluminum core PCB boards, tested to LM80. LPLW80 light engine consists of 154 LEDs mounted on aluminum core PCB boards, tested to LM80. LED arrays are 3 step binned for color temperature consistency.

ELECTRICAL Power supply is 120-277V, 0-10V dimmable operation. Power factor is >0.9. Power supply is mounted in direct contact with aluminum housing for cooler operation and longer life. LPLW55 drive current is 1400mA. LPLW80 drive current is 1750mA. Integral surge protection of 4 kV line to line and 6 kV line to earth. Integrated 120V button

photocell (standard) for automatic dusk to dawn operation. Optional 277V photocell available. LPLW55 is suitable for use in operating temperatures of -31°F (-35°C) to 104°F (40°C). LPLW80 is suitable for use in operating temperatures of -31°F (-35°C) to 86°F (30°C).

ACCESS / WIRING Die-cast housing contains knock out pattern to fit over standard 4" square or round recessed junction boxes. Surface mount via 1/2" threaded conduit access points, located at the top and bottom of housing.

MOUNTING The recommended wall mounting height for the LEDPro wallpack is 8ft. to 18ft.

LISTINGS C-UL-US Listed wet location. DesignLights™ Consortium Qualified.

WARRANTY 5 year limited warranty.

Project

Catalog Number

Type

Date

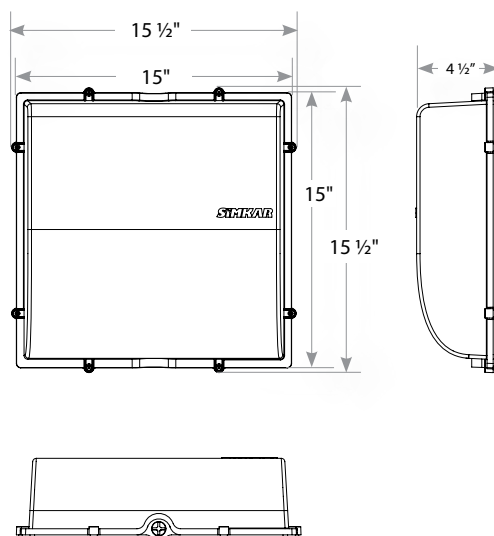


LEDPro Large LED Wall Pack Configuration

SERIES	INPUT POWER*	COLOR TEMPERATURE	VOLTAGE	PHOTOCELL
LPLW	55 = 55W 80 = 80W	40 = 4000K CCT	U1 = Universal 120-277V	1B = 120V Button Photocell (standard) 2B = 277V Button Photocell

* Nominal. See performance data for actual input power.
Consult the Design Lights Consortium website for qualified products.

Dimensions



Performance Data

Model	Input Power	Efficacy (lm/W)	Light Output*	Mounting Ht.**	Equivalent HID**	Operating Temperature
LPLW5540U11B	56.3W	94.2	5302 lm	8' - 12'	Up to 250W PSMH	-31°F (-35°C) to 104°F (40°C)
LPLW8040U11B	80.3W	93.8	7535 lm	12' - 18'		-31°F (-35°C) to 86°F (30°C)

* Delivered lumens
** Consult a lighting engineer to meet specific requirements

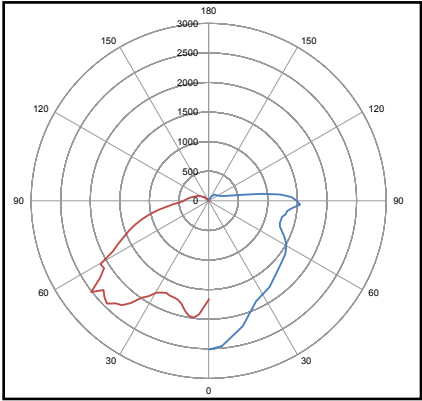
Photometric Data

Luminaire Data

Formed aluminum housing, inner white reflector, prismatic polycarbonate lens.

Catalog Number	LPLW5540U11B
Lab Test#	UL1162205
(#) Power Supply	(1) Constant Current 1400mA
# LED	108 White LEDs
Color Temperature	4000K CCT
Input Watts	56.3
Delivered Lumens	5302
Operating Life	50,000 hrs. (L70)
Fixture Efficacy	94.2 lm/W

Candela Plot



Summary of Results

Total Lumen Output	5302
Luminaire Efficacy	94.2 lm/W
IESNA Type	Type IV, Very Short
Maximum Candela	2513
Cutoff Classification	Noncutoff
BUG Rating	B1 U3 G2

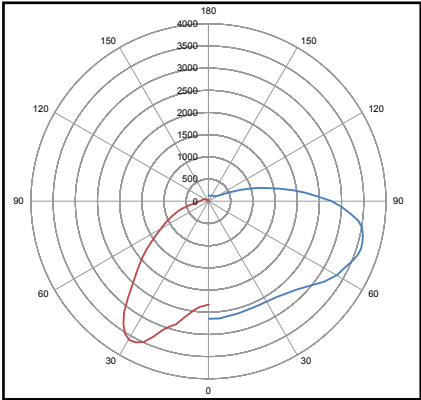
Photometric Data

Luminaire Data

Formed aluminum housing, inner white reflector, prismatic polycarbonate lens.

Catalog Number	LPLW8040U11B
Lab Test#	UL1162206
(#) Power Supply	(1) Constant Current 1750mA
# LED	154 White LEDs
Color Temperature	4000K CCT
Input Watts	80.3
Delivered Lumens	7535
Operating Life	50,000 hrs. (L70)
Fixture Efficacy	93.8 lm/W

Candela Plot



Summary of Results

Total Lumen Output	7535
Luminaire Efficacy	93.8 lm/W
IESNA Type	Type IV, Very Short
Maximum Candela	3601
Cutoff Classification	Noncutoff
BUG Rating	B1 U3 G3