

Catalog Number _____
 Type _____
 Date _____
 Prepared By _____
 Project _____



WS Series 13"/18" LED Wallpack



Simkar's traditionally-styled WS LED wallpacks replace 100W to 400W metal halide wall mounted fixtures while consuming up to 80% less energy and operating for up to 100,000 hours. Powered by high performance, energy-efficient LEDs, the WS LED wallpacks produce bright, long-lasting illumination, reducing shadows and creating a safer nighttime environment while saving energy and maintenance costs. These energy-efficient, maintenance-free outdoor LED lighting products may also qualify for utility rebates.

HOUSING/LENS/OPTICS Bronze powder coat, die cast aluminum for a high quality look, excellent heat dissipation, and durability. Borosilicate prismatic glass lens with weatherproof silicone gasketing to seal out contaminants.

LEDS WS LED wall packs available in 4 light levels (delivered): 1,400 lumens (26W), 3,000 lumens (50W), 4,500 lumens (70W) and 5,700 lumens (96W) at 5000K CCT, 80 CRI (typical). Also available in 4100K; consult factory for lead time. LED operating life is 100,000 hours L70. Light engines consist of 10, 20, 30, or 40 LED multi chip packages mounted to a metal core PCB and integral aluminum heat sink.

ELECTRICAL 120-277VAC high efficiency LED power supply with surge protection. Power factor is >0.9. Power supply is mounted in direct contact with aluminum casting for cooler operation and longer life.

ACCESS / WIRING The side-hinged door opens easily using two captive stainless steel screws to provide easy access to internal components. Wiring options include mounting over a 4" recessed junction box or surface mounting using convenient conduit entries located on sides of fixture. Top knockout provided for optional photocell.

MOUNTING The recommended wall mounting height of the WSM LED is 10 ft to 18 ft. The recommended mounting height of the WSL LED is 18 ft to 24 ft.

LISTINGS Fixture is UL-cUL certified for Wet Locations.

WARRANTY 5 Year limited warranty.

WS LED Wallpack Performance

	Input Power	Light Output*	Mounting Height**	Equivalent HID**
WSMLED26U	26W	1,400 Lumens	Up to 12'	Replaces up to 100W MH
WSMLED50U	50W	3,000 Lumens	Up to 14'	Replaces up to 175W MH
WSMLED70U	70W	4,500 Lumens	Up to 18'	Replaces up to 250W MH
WSLLED96U	96W	5,700 Lumens	Up to 24'	Replaces up to 400W MH

*Delivered Lumens

** Consult an application engineer for specific light levels

Projected LED Lumen Maintenance

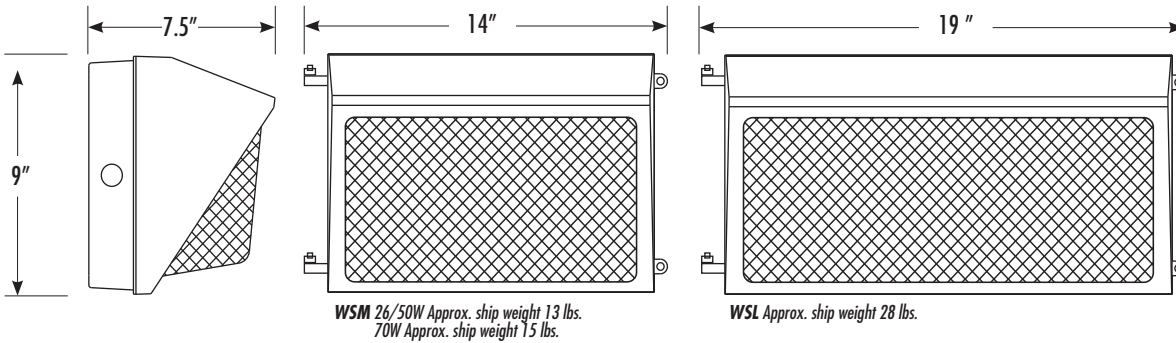
Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.94	0.88	0.77

Projected Lumen Maintenance data refers to extrapolated performance projections for WSM LED platform in a 25° C ambient environment based on 10,000 hours of LED testing per IESNA LM80-08 and projected per IESNA TM-21-11.

BUG Ratings (Backlight, Uplight, Glare)

	Distribution	BUG Rating
WSMLED26U	Type II	B1 U3 G2
WSMLED50U	Type II	B1 U3 G3
WSMLED70U	Type II	B1 U4 G3
WSLLED96U	Type II	B1 U4 G3

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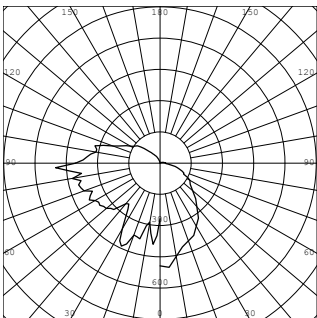


WS LED Ordering Information

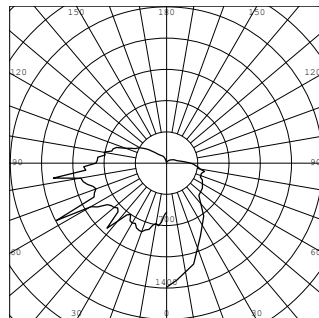
Series	Wattage	Voltage	Options	Accessories (field installed)
WSM LED = 13" WSL LED = 18"	WSM 26 = 26W 50 = 50W 70 = 70W WSL 96 = 96W	U = Universal 120V-277V 50/60Hz	WT = White Housing BK = Black Housing 41K = 4100K color temperature (Consult Factory) (X)B = Button Photocell; designate voltage: 1 = 120V, 2 = 277V ELS = Emergency Backup (Consult factory)	<i>FOR (X) BELOW, PLEASE USE (M) FOR WSM OR (L) FOR WSL</i> WG(x) = Wire Guard PG(x) = Polycarbonate Guard (vandal shield) WS(x)-TS = Tamperproof Screws (not shown) WS(x)-TSD = Tamperproof Screws & screwdriver GLARE SHIELDS WS(x)-GS = Side Cutoffs WS(x)-GSF = Full Cutoff

Photometric Data

26W



50W



70W

