GENPRO
ADVANCED TECHNOLOGIES

LED WALLPACKS

PRODUCT DESCRIPTION

Wallpack fixtures are popular die-cast aluminum housings available in three styles, Mini, Semi Cut-off and Full Cut-off. These fixtures are retrofitted with high-output LED light engines designed, engineered and assembled in USA, and offered in a wide range of wattage as well as lumen output. Suitable for: Parking Lots, walkways, building exteriors and a variety of other outdoor lighting applications.

FEATURES

- Energy efficient LED light engine offers high lumen output as well as high efficacy
- IP65 Rated
- Various optical type distributions available
- Multiple color temperatures available
- 5 Year Warranty

PERFORMANCE RATINGS AND CERTIFICATIONS

Conforms to UL 1598, UL SUB 1598C, Certified to CSA C22.2 No. 250.0 and CSA C22.2#250.13

ELECTRICAL RATINGS AND OPERATING CONDITIONS

Voltage: 120 - 277VAC, 50/60 Hz.;

480VAC (optional)

Dimming: 0-10V dimming
Power Factor: >0.9

Total Harmonic Distortion: < 20%
Operating Environment: -40°C to 50°C

WARRANTY

5 Year Standard Warranty Limited

WPMN
WALLPACK
MINI

WPSC
WALLPACK
SEMI-CUTOFF

WPFC
WALLPACK
FULL CUT-OFF

HOUSING SPECIFICATIONS

Material / Finish: Heavy-duty die-cast aluminum housing with high impact-resistant tempered glass lens, available in Bronze powder coat finish over chromate conversion coating.

Mounting options available: Surface mounting only

Dimensions (L x W x H): 12.38" x 8.67" x 5.80" (WPMN); 14.25" x 9.00" x 7.25" (WPSC); 14.20" x 9.25" x 11.40" (WPFC)

Weight: 4.1 lbs. (WPMN), 10.60 lbs. (WPSC), 11.20 lbs. (WPFC)

PERFORMANCE SUMMARY

Size	Lumen Output (Wattage):
WPMN	4500 (35W)
WPSC	4500 (35W), 8800 (69W), 13300 (104W)
WPFC	4500 (35W), 8800 (69W), 13300 (104W),17800 (139W)

Lumens per Watt: 128

CRI-Minimum: >70

CCT: 3000K ,4000K ,5000K

Watts: 35W, 69W, 104W, 139W

**Optical Distribution:** 120° Beam Angle available in Type 5,Type 4 and Type 3 distribution patterns

DESIGNED ENGINEERED ASSEMBLED IN THE USA

ETL us
Intertek

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ORDERING MATRIX

Example: AM-WP-SC-H042-69W-50K-MT-010V-T5

Family	Product	Wattage	Color Temp	Voltage	Options	Mounting	Optical Distribution
AM = Assembled in USA	WPMN	H021-35W	30K = 3000K 40K = 4000K 50K = 5000K CC-[specify CCT value in K] = Custom Color Temp (choose from 2700K-6500K)	MT = 120-277VAC HV= 277-480VAC	SRG1 = Surge Protection 120-277VAC SRG2 = Surge Protection 480VAC EM = Emergency Battery Backup 010V = 0-10V Dimming PC = Photocell 120-277VAC None (Leave blank or skip)	None (Leave blank)	T5 = Type 5 T4 = Type 4 T3 = Type 3
	WPSC	H021 -35 W H042 -69 W H063-104W					
	WPFC	H021-35W H042-69W H063-104W H084-139W					
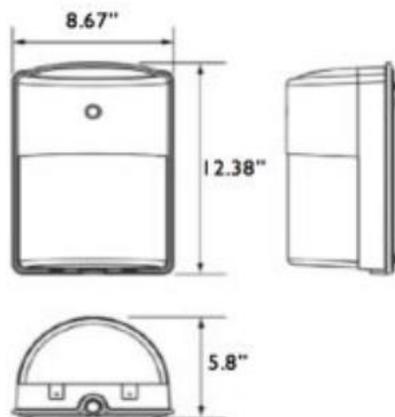
WPMN
WALLPACK MINI
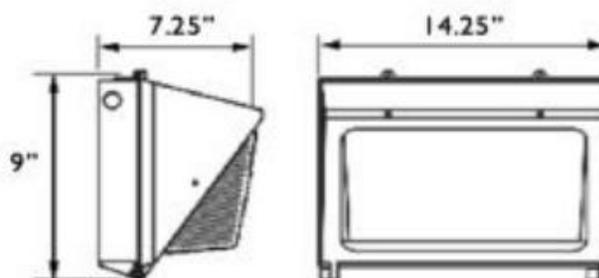
WPSC
WALLPACK SEMI CUT-OFF
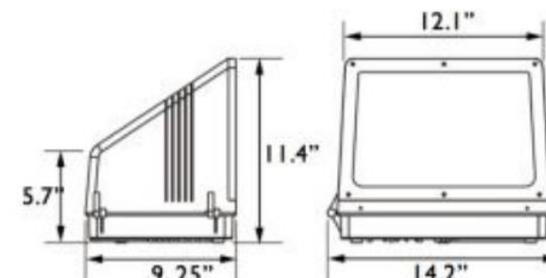
WPFC
WALLPACK FULL CUT-OFF

Lumen Performance

Lumen Lifespan
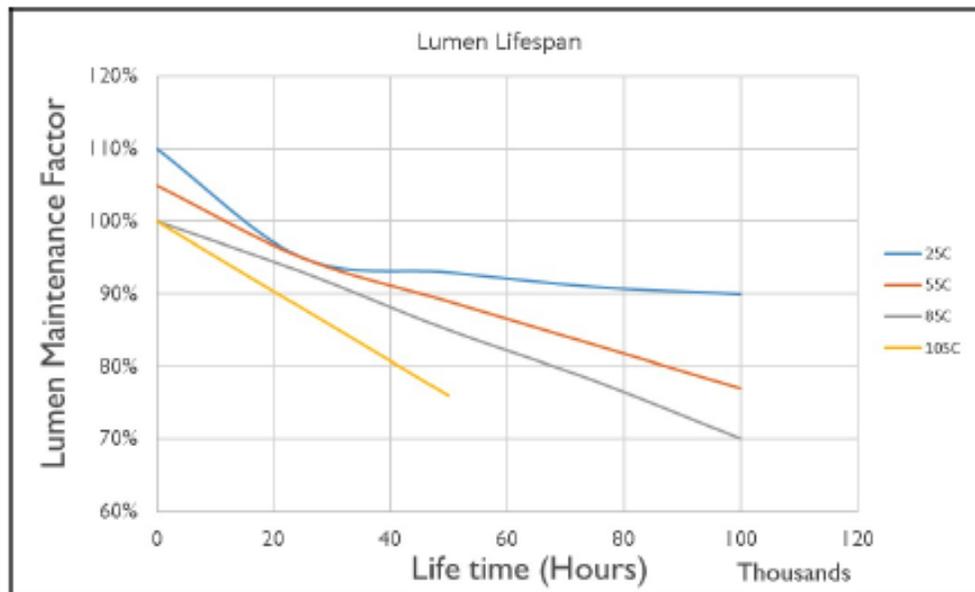
Lumen Maintenance Factors (B Drive)					
TJ (Junction Temp)	INITIAL LMF	25K HR PROJECTED LMF	50K HR PROJECTED LMF	75K HR PROJECTED LMF	100K HR PROJECTED LMF
25°C	1.10	0.95	0.93	0.91	0.90
55°C	1.05	0.95	0.89	0.83	0.77
85°C	1.00	0.93	0.85	0.78	0.70
105°C	1.00	0.88	0.76	N/A	N/A

Lumen Multiplier	
AMBIENT TEMPERATURE	LUMEN MULTIPLIER
10°C	1.032
15°C	1.021
25°C	1.000
40°C	0.968
50°C	0.946

Each temperature has an independent initial value. In accordance with IESNA TM021011, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip). In accordance with IESNA TM-21- 11, Calculated Values represent time durations that exceed six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip)