

Lumen Output

Lumen values are from photometric test in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerance allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

LED's	DRIVE CURRENT (mA)	SYSTEM WATTS	DIST. TYPE	50K (5000K, 65 CRI)				
				LUMENS	B	U	G	LPW
10C (10 LED)	1000	39W	T3M	2559	0	3	2	66
20C (20 LED)	1000	72W	T3M	4910	1	3	3	68
30C (30 LED)	1000	105W	T3M	6728	1	3	3	60

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

AMBIENT		LUMEN MULTIPLIER
0° C	32° F	1.02
10° C	50° F	1.01
20° C	68° F	1.00
25° C	77° F	1.00
30° C	86° F	1.00
40° C	104° F	.98

Project LED Lumen Maintenance

Data references the extrapolated performance projections for the W4GLED 30C 1000 platform in a 25° C ambient based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	.95	.92	.87

ELECTRICAL LOAD

LED's	DRIVE CURRENT (mA)	SYSTEM WATTS	CURRENT (A)					
			120	208	240	277	347	480
10C	1000	39W	0.36	0.21	0.18	0.16	-	-
20C	1000	72W	0.67	0.38	0.33	0.29	0.23	0.17
30C	1000	105W	0.97	0.56	0.49	0.42	0.34	0.24

FEATURES & SPECIFICATIONS

INTENDED USE

The energy savings, long life and easy-to-install design of the W4GLED make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

CONSTRUCTION

Die-cast aluminum housing has an impact-resistant, tempered glass lens that is fully gasketed. Modular design allows for ease of maintenance. The LED driver is mounted to the front casting to thermally isolate it from the light engine for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants.

FINISH

Luminaire housings shall be finished with a thermal-setting polyester paint coating.

OPTICS

Protective glass lens covers the light engine's precision-molded proprietary acrylic lenses. Light engines are available in 4000K, 5000K (65 min. CRI) configurations.

ELECTRICAL

Light engine(s) consist of 10 or 30 high-efficacy LEDs mounted to a metal-core circuit board and integral aluminum heat sink to maximize heat dissipation and promote long life (L87/100,000 hrs at 25° C). Class 1 electronic driver has a power factor >90%, THD <20%, and an expected life of 100,000 hours. Easily-serviceable surge protection device meets a minimum Category C Low for 120-277V operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Back housing is separated from front housing, eliminating ballast weight and promoting easy handling. Top 3/4" threaded wiring access. Back access through removable 3/4" knockout. Feed-thru wiring can be achieved by using a conduit tee. Mount on any vertical surface. Not recommended in applications where a sprayed stream of water can come in direct contact with glass lens.

LISTINGS

CSA certified to U.S. and Canadian standards. Rated for -40° C minimum ambient. IP rated for IP-55.

WARRANTY

Five year limited warranty. Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx
Note: Specifications subject to change without notice.

Wallpack® IV
GLASS LED

INFRASTRUCTURE
OUTDOOR

HOLOPHANE®
LEADER IN LIGHTING SOLUTIONS
An Acuity Brands Company

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TYPE:
DRAWN: MAS
DATE: 3/28/13
DWG #: W4GLED