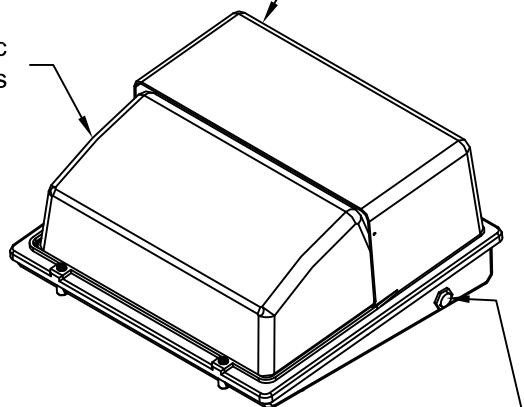


Maximum Weight - 28 Lbs.

Prismatic
Glass Optics

Ballast Compartment
Access Door



Photocontrol Window

Wallpack® IV
GLASS LED

INFRASTRUCTURE
OUTDOOR

HOLOPHANE®
LEADER IN LIGHTING SOLUTIONS
An *Acuity Brands* Company

THIS DRAWING, WHEN APPROVED, SHALL BECOME THE COMPLETE SPECIFICATION FOR THE MATERIAL TO BE FURNISHED BY HOLOPHANE ON THE ORDER NOTED ABOVE. A UNIT OF SIMILAR DESIGN MAY BE SUBSTITUTED FOR THE UNIT SPECIFIED HEREON ONLY IF THE SUBSTITUTION DOES NOT IN ANY MANNER AFFECT THE PERFORMANCE OF THE MATERIAL. THE SUBSTITUTION WILL BE SUPPLIED WITH EACH ANCHOR BOLT ORDER TO MATCH THE POLE PROVIDED. THIS PRINT IS THE PROPERTY OF HOLOPHANE AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON EXPRESS WRITTEN REQUEST. IT IS NOT TO BE REPRODUCED OR COPIED IN ANY WAY DETRIMENTAL TO OUR INTERESTS AND ONLY IN CONNECTION WITH MATERIAL FURNISHED BY HOLOPHANE.

W4GLED 10C 1000 40K T3M MVOLT TB GR

WisDOT UNDERDECK LED A

ORDERING INFORMATION:

Series W4GLED	LIGHT ENGINES 10C = 10 LED (ONE ENGINE) 20C = 20 LED (TWO ENGINES) 30C = 30 LED (ONE ENGINE)	DRIVE CURRENT 1000 = 1000 mA (1A)	COLOR TEMPERATURE 40K = 4000K 50K = 5000K	DISTRIBUTION T3M = TYPE III MEDIUM	FINISH GR = GRAY BK = BLACK WH = WHITE BZ = BRONZE
<div><div>VOLTAGE MVOLT = MULTIVOLT ¹ 120,208,240,277 ¹ 120 = 120 VOLT ¹ 208 = 208 VOLT ¹ 240 = 240 VOLT ¹ 277 = 277 VOLT ¹ 347 = 347 VOLT ² 480 = 480 VOLT ²</div><div>CONTROL OPTIONS SHIPPED INSTALLED DMG = 0-10V DIMMING DRIVER (NO CONTROLS) PE = PHOTOELECTRIC CELL ³ BUTTON TYPE PER = NEMA TWIST-LOCK RECEPTACLE ONLY (NO CONTROLS) SHIPPED SEPARATELY</div><div>OPTIONS SHIPPED INSTALLED SF = SINGLE FUSING 120, 277 & 347 VOLTS ⁴ DF = DOUBLE FUSING 208, 240 & 480 VOLTS ⁴ TP = TAMPER RESISTANT SCREWS TB = TERMINAL BLOCK SHIPPED SEPARATELY WG = WIRE GUARD ⁵ VG = VANDAL GUARD ⁵</div><div>ACCESSORIES DSS124N 1.5 TJJE U = PHOTOCELL -SSL⁶ TWIST-LOCK 120-277V⁶ REN480 NM1 J1 = ROAM node (480V) ⁶ W4GWGU = WIRE GUARD⁷ W4GVWG = VANDAL GUARD⁷ SC = SHORTING CAP⁶</div></div>					

NOTES:

- MVOLT drive operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF) options or photocontrol (PE)
- Not Available with 10C Light Engine.
- Must specify voltage, not available with MVOLT or 480 Volt.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Also available as a separate accessory.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.
- Required field modification (only when ordered as separate accessory).

Drawing Date 12/2014

ORDER #:

TYPE:

DRAWN: MAS

DATE: 2/26/14

DWG #: W4GLED

1 of 1

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

THIS DRAWING, WHEN APPROVED, SHALL BECOME THE COMPLETE SPECIFICATION FOR THE MATERIAL TO BE FURNISHED BY HOLOPHANE ON THE ORDER NOTED ABOVE. A UNIT OF SIMILAR DESIGN MAY BE SUBSTITUTED FOR THE UNIT ORDERED IF THE SUBSTITUTION DOES NOT REQUIRE ANY CHANGES TO THE ELECTRICAL WIRING OR MECHANICAL CONNECTIONS. THE SUBSTITUTION WILL BE SUPPLIED WITH EACH ANCHOR BOLT ORDER TO MATCH THE POLE PROVIDED. THIS PRINT IS THE PROPERTY OF HOLOPHANE AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON EXPRESS WRITTEN NOTICE. IT IS NOT TO BE REPRODUCED OR COPIED IN ANY WAY DETRIMENTAL TO OUR INTERESTS AND ONLY IN CONNECTION WITH MATERIAL FURNISHED BY HOLOPHANE.

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