

LUMOS-G2 Series

Dual-Position LED Wall Pack

PROJECT NAME:	
DATE:	
CATALOG #:	
NOTES:	

Product Highlights

- ▶ Patented FlexPack™ Design capable of both forward throw and full cutoff / dark sky orientation
- ▶ LED optics provide uniform light pattern with minimal glare
- ▶ 0-10V dimming capable and sensor and control ready
- ▶ Impact resistant and tamper resistant polycarbonate lens
- ▶ 10 Year warranty



Full Cutoff / Dark Sky Application:

Baseplate is positioned with large side up. Lens is parallel with the ground. Light is directed down and forward with zero light emitted above the horizon.



Forward Throw Application:

Baseplate is positioned with large side down. Lens is tilted back to project light farther forward.

Ordering Guide

Example: LUMOS-G2-7ML15-30K/40K/50K-UV-BRZ-PC1-Z10R



PRODUCT FAMILY	LUMEN OUTPUT / WATTAGE	CCT	OPTICS	VOLTAGE	PRODUCT VARIANT CODE
LUMOS-G2	7ML15 - (Selectable) 15,150 - 101W 12,000 - 80W 9,000 - 60W 7,500 - 50W	30K/40K/50K - 3000K/4000K/5000K Adjustable CCT	[Blank] - Forward Throw T3 (Default)	UV - 120-277V	[Blank] - Default

HOUSING COLOR	EMERGENCY BATTERY BACKUP OPTION	PHOTOCELL CONTROL	DIMMING/ CONTROL	FACTORY INSTALLED CONTROLS/ACCESSORIES
BRZ - Bronze	[Blank] - No battery backup (Default) EM1 - 8W Battery Backup solution	PC1 - Built-in Photocell	Z10R - 0-10V dim-to-off +12v Aux with Z10 receptacle	[Blank] - Default +SP1 - 10KV Surge Protector +JL-Z10-SPM-EXT-[BLK,WHT]-XX - Jarvis Link Z10 Exterior Bluetooth PIR Motion Sensor + Natural Light Only Photocell (White or Black Color) - 40ft Max Mounting Height +JL-Z10-WCM-[WHT,BLK] - Jarvis Link Z10 Bluetooth Wireless Control Module (White or Black Color) +JL-Z10-WCM-CLE-LR - Jarvis Link Z10 Bluetooth Long Range Wireless Control Module (Clear/ Transparent Color)

Additional Field Installed Options and Accessories

FIXTURE ACCESSORIES	
CATALOG #	DESCRIPTION
JL-Z10-SPM-EXT-[BLK,WHT]-XX	Jarvis Link Z10 Exterior Bluetooth PIR Motion Sensor + Natural Light Only Photocell (White or Black Color) - 40ft Max Mounting Height
JL-Z10-WCM-[WHT,BLK]	Jarvis Link Z10 Bluetooth Wireless Control Module (White or Black Color)
JL-Z10-WCM-CLE-LR	Jarvis Link Z10 Bluetooth Long Range Wireless Control Module (Clear/Transparent Color)
*Jarvis Link requires prior training with Jarvis representative	

Electrical

- ▶ Input Voltage: 120-277V 50/60Hz
- ▶ Power Factor: >0.9 at full load
- ▶ Total Harmonic Distortion: <20% at full load
- ▶ Operating Temperature: -40°C to 45°C (-40°F to 122°F)
- ▶ 6kV surge protection
- ▶ Efficacy: Up to 150 lm/W

Electrical Load Table

ITEM #	WATTAGE	CURRENT (A)			
		120V	208V	240V	277V
LUMOS-G2-7ML15-30K/40K/50K-UV-[XXX]-PC1-Z10R	50W	0.42	0.24	0.21	0.18
	60W	0.50	0.29	0.25	0.22
	80W	0.67	0.38	0.33	0.29
	101W	0.84	0.49	0.42	0.36

Controls and Dimming

- ▶ 0-10V dim-to-off and 12V aux dimming is standard for the LUMOS-G2 series.
- ▶ When installed with a Z10 receptacle the LUMOS-G2 series is compatible with the Jarvis Lighting networked lighting control system. These systems allow the lights to communicate with each other via Bluetooth® signal. Systems are typically capable of grouping, controlling and dimming lights through a number of methods including motion sensors, photo sensors, schedules, manual Bluetooth switches and more.
- ▶ The LUMOS-G2 series features a built-in photocell. This photocell is capable of controlling the luminaire based on ambient natural lighting levels. This photocell can be toggled on/off during installation via a dip switch located behind a knockout cover, and must be turned off when NLC sensor or fixture controller is installed. The LUMOS-G2 series is compatible with many other photosensors and motion sensor systems.
- ▶ Contact a Jarvis Lighting representative for more information.

Lumen Maintenance

PROJECTED LUMEN MAINTENANCE					
OPERATING HOURS	0	25,000	50,000	75,000	100,000
LUMEN MAINTENANCE FACTOR	1	0.96	0.92	0.88	0.84
* Projected LM values based on extrapolated LM-80 performance data testing and TM-21 calculations					

CCT SELECTOR, PHOTOCELL ON/OFF, WATTAGE SELECTOR

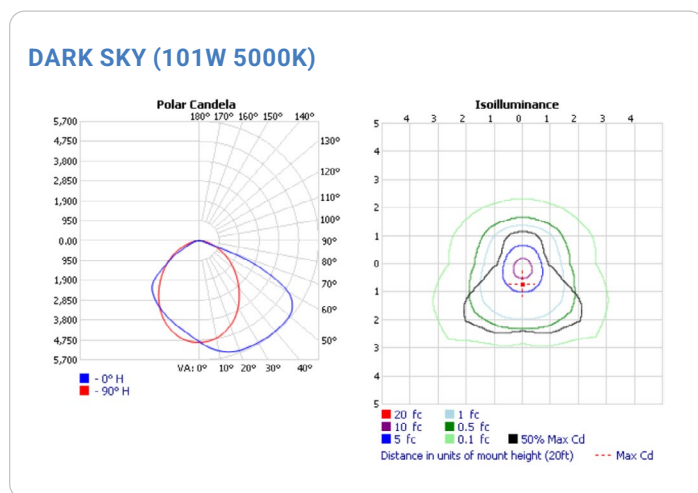


Luminaire Data

JARVIS CATALOG #	DLC PRODUCT ID	INPUT	POWER	LUMENS	CCT	CRI	PF
LUMOS-G2-7ML15-30K/40K/50K-UV-BRZ-PC1-Z10R	Pending	120-277V	50W / 60W / 80W / 101W	7,500 lm / 9,000 lm / 12,000 lm / 15,150 lm	3000K / 4000K / 5000K	> 80	≥0.90
Factory default setting listed in bold DLC product ID represents the reported maximum wattage and cct setting which are factory default. Contact factory for more information.							

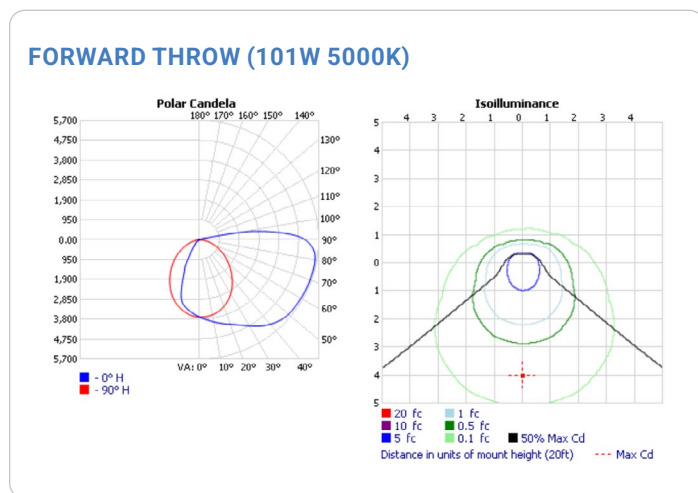
Photometrics

Photometric information, including LM-79 reports and .IES files are available for most models at www.jarvislighting.com. Site photometrics and lighting layouts are available. Contact a Jarvis representative.



Zonal Lumens Summary

DARK SKY (101W 5000K)		
ZONE	LUMENS	% LUMINAIRE
LOW (0-30°)	3,848.50	25.6%
MEDIUM (30-60°)	8,070.20	53.7%
HIGH (60-80°)	2,923.30	19.5%
VERY HIGH (80-90°)	182.60	1.2%
UPLIGHT (90-180°)	0.00	0.0%
TOTAL FLUX	15,024.60	100.0%



FORWARD THROW (101W 5000K)		
ZONE	LUMENS	% LUMINAIRE
LOW (0-30°)	2,815.20	18.6%
MEDIUM (30-60°)	5,382.80	35.6%
HIGH (60-80°)	3,644.90	24.1%
VERY HIGH (80-90°)	1,738.70	11.5%
UPLIGHT (90-180°)	1526.00	10.1%
TOTAL FLUX	15,107.60	100.0%

- ▶ The Jarvis Link system is a wireless network that allows you to control your lighting remotely. When installed in light fixtures and properly set up, it can help you manage your lighting more effectively and save energy.
- ▶ Luminaires can be controlled onsite using an iPad via the Jarvis Link app, via onsite sensors, or via onsite Bluetooth switches. All luminaires onsite are accessible via the Jarvis Link app and can be controlled through a central location. Luminaires can also be commissioned to be controlled remotely via a centralized gateway accessed through a web browser.

Construction and Materials

- ▶ Die-cast aluminum housing cast from 383 (ADC12) alloy.
- ▶ Patented housing design integrates LED optics and fixture mechanicals into a single structure that acts as both the heat sink and the fixture housing, resulting in increased thermal continuity and decreased componentry.
- ▶ Front portion of housing can be installed onto baseplate of fixture in two positions. Housing sections feature cast-in hooks and sections connect via hooks and fasteners. Each cast-in hook functions as a threaded receptacle when mounted in the opposite orientation.
- ▶ Die-cast housing features a powdercoat finish with UV protection to ensure longevity of color. Powdercoat finish is applied directly to aluminum housing and will not crack or peel. Default color is bronze. Custom colors are available. Contact factory for additional color information.
- ▶ LEDs are reflow soldered to a metal core circuit board, providing greater thermal transfer than standard circuit board materials. The LED board is mechanically fastened directly to die-cast housing.
- ▶ Lens construction is a polycarbonate lens with optics designed to maximize forward throw capability while maintaining full cutoff to reduce glare and light pollution. Luminaire's construction contains zero mercury.
- ▶ Fasteners are stainless steel and will not rust or create rust-streaks.

Warranty and Lifetime

- ▶ LUMOS-G2 Series carries a 10-year limited warranty. Contact Jarvis representative for details.
- ▶ Projected LED lifetime exceeds 100,000 hours under most operating conditions. Lifetime projections are calculated using data including LM-79, LM-80 and TM-21 calculations.
- ▶ Contact Jarvis representative for details.

Installation

- ▶ Luminaire installs onto wall by mounting the luminaire's baseplate to the wall. Wall materials and mounting conditions vary by structure and project - contact factory for fastener recommendations. Baseplate should be mounted with larger side on top to install luminaire in the full cutoff orientation or with the larger side on the bottom to install luminaire in the forward throw orientation. Electrical connections can be brought into the luminaire either through threaded ½" NPT knockouts (located on the sides, top, bottom, and back of the baseplate) or by mounting the luminaire over a recessed junction box. Front section of luminaire contains LEDs, optics, and power supply. Front section connects to the baseplate via cast-in hooks and fasteners. Installation conditions often require sealing of fixture penetrations created during installation.
- ▶ Contact a Jarvis representative for full installation instructions, videos or additional information.

Regulatory and Voluntary Qualifications

- ▶ UL listed to UL1598 and UL8750 for both US and Canada.
- ▶ DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- ▶ IP65 rated
- ▶ Rated for Wet Locations.

Packaging

- ▶ LUMOS-G2 fixtures ship in boxes of 1 unit labeled with the product code, CCT and wattage setting, and include the fixture, mounting hardware, and installation instructions. Fixtures are secured in molded inserts to protect against movement and damage during shipping.

Mounting Height Recommendations

MODEL	MOUNTING HEIGHT
LUMOS-G2	15' to 33' from ground

Product Weight

CATALOG #	WEIGHT
LUMOS-G2	6.1lbs

Additional Luminaire Photos

DARK SKY ORIENTATION WITH Z10 RECEPTACLE



DARK SKY ORIENTATION WITH JARVIS LINK NLC SENSOR



FORWARD THROW ORIENTATION WITH Z10 RECEPTACLE

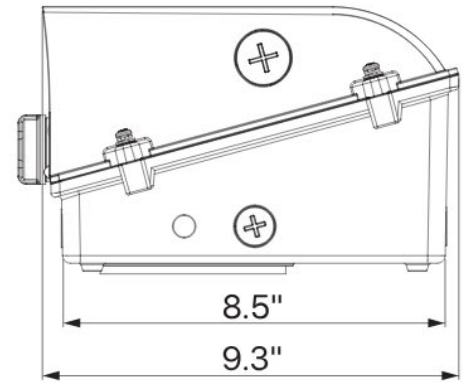
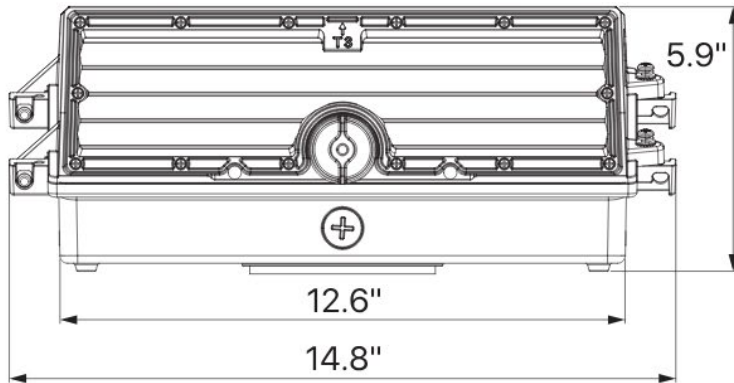


FORWARD THROW ORIENTATION WITH JARVIS LINK NLC SENSOR



Dimensions

DARK SKY ORIENTATION



FORWARD THROW ORIENTATION

