



by Signify

Wall Mount

Wall Sconce 121



# Designed to make your lighting distinct



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# Styling that sets your building apart

**Gardco LED wall sconce 121** is designed to add an element of style to your application by pairing straight lines with rounded edges. The form of the 121 is timeless, yet contemporary, and will complement a wide assortment of architectural styles and designs, while delivering high light levels and functional distribution patterns. The 121 is comprised of equal parts engineering, design and performance. Sleek and stylish, it is visibly superior to obtrusive, glaring wall packs. The design and construction of the 121 sconce continues the Gardco tradition of providing specification quality design and craftsmanship. Each feature demonstrates an attention to detail and a highly refined method of achieving long-term performance and trouble-free operation.

## Enhanced performance and energy saving control options

- Multiple lumen packages with output ranging from 2,607 to 10,103 lumens
- Energy saving LEDs provide up to 114 LPW efficacy
- Three distribution patterns available in Type 2, 3, 4
- Emergency battery back up available to provide path-of-egress illumination
- Energy saving control options, such as motion response and wireless controls

# Create distinction with aesthetics and functionality

In addition to its styling, the 121 offers distinction through its powerful optical design, array of distributions, and impressive selection of control possibilities. The 121 features three defined optical distributions, wattages from 28 to 107W and lumen packages up to 10,000. It offers the freedom to choose luminaire spacing based on aesthetics, functionality, or a combination of both.

The 121 is available in a Type II (2) wide throw with maximized lateral spacing; a Type III (3) optimized wide throw that adds excellent forward contribution; and a Type IV (4) with maximized forward throw distribution for small parking areas.

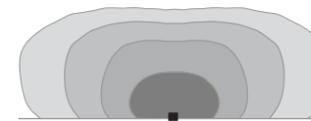
### Type 2 at 20'

When economy rules and wide spacings are required, Type 2 optics offer 6:1 spacing to mounting height ratios. Sconces may be spaced as far as 90' apart at a 15' mounting height.



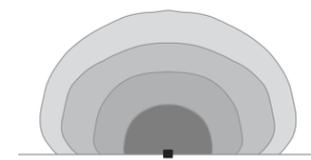
### Type 3 at 20'

For the best of both worlds, the Type 3 offers excellent lateral spacings and forward projection in a very practical rectangular pattern.



### Type 4 at 20'

If critical light levels are required at the property line, Type 4 optics uptilt project light in a more forward direction.



## Control of Glare & Light Trespass

The factor most destructive to quality lighting is glare. The traditional refractor wall pack generates light at excessively high angles – creating glare within a driver's or pedestrian's field of view. In addition, light above 90° may result in distracting brightness into neighboring spaces. Gardco performance sconces utilize precision LED optical systems. Light above 80° is minimized and light above 90° is eliminated – resulting in exceptional control of luminaire brightness and undesired illumination beyond the property line.

# LED wall sconce 121 – the details

## Die-cast housing

Rugged, die-cast aluminum housing for maximum durability.

## IP66 Rated light engines

Reliable light engines are IP66 sealed to protect against dust and moisture so that LED life is extended.

## Finish

Black, White, Bronze, Dark Gray, Medium Gray. Custom and special finishes also available.

## Decorative fins

Embossed fins create a unique aesthetic accent.

## Optical distributions

Type 2, 3, and 4 distributions available. Advanced Class 1 LED arrays designed to efficiently direct light into very wide or forward projecting light patterns.

## Easy mounting

Mounting plate is affixed to the wall, splices are made and the luminaire is secured to the plate.

## Programmable motion response

This controls option maximizes your outdoor lighting energy savings while supporting security efforts.

## Emergency battery backup

Optional emergency battery back up meets path-of-egress illumination requirements and is integral to the luminaire.

## Thermal management

Helps to ensure long LED system life.

# Potential savings of switching to LED

This is an ROI example you can achieve by retrofitting 30 HID luminaires with Gardco LED wall sconce 121



**63%**  
Annual energy over HID



**70%**  
Annual total cost of ownership savings

\* Based on comparison between 250W PSMH luminaires (at 291W) and 121-32L-1000-NW (at 107W) with an energy rate of \$0.1045/KWh. National average energy rates and other assumptions apply.

## Controls



### Luminaire solutions

**Basic. Autonomous. Affordable.**

Simple, individual outdoor lighting dimming and management without the need for remote access.

- 0-10V Dimming
- Dual Circuit Control
- Dynadimmer Stand-alone Dimming Profile
- Programmable Motion Response

### Programmable motion response

Programmable Motion Response maximizes your outdoor lighting energy savings while supporting security efforts. Upon easy installation, Programmable Motion Response dims 121 luminaires to 25% light output, increases to 100% light output only when motion is detected, and returns to the original low output after five minutes. Settings are easily changed at the luminaire with an optional wireless handheld programmer.

### Dynadimmer

Dynadimmer reduces the luminaire's light output according to pre-programmed or customized dimming schedules to reduce light pollution and energy consumption without compromise.

### For more information

Visit us at [signify.com/prolighting](http://signify.com/prolighting) for more on Signify stand-alone and connected outdoor lighting solutions, and select Controls Outdoor, or request our outdoor lighting solutions brochure.



### Site solutions

**Intermediate. Informative. Flexible.**

Wirelessly manage as a single system or as separate groups within a site. Monitor and respond to real time energy usage and track data trends with a web-based connected lighting system.

- Wireless controls system

### Wireless controls system

Integrating wireless controls with 121 wall sconces allows you to manage the entire site, independent lighting groups or individual luminaires local or remotely. Based on a high density mesh network and with the easy to use web-based portal, you can conveniently access and manage your lighting network remotely. Wireless controls can be combined with site and area, pedestrian, and parking garage luminaires as well, for a completely connected outdoor solution.

### SiteWise area lighting management system

Provide a sense of security for visitors to your site while still meeting energy conservation goals with SiteWise. This complete area lighting management system uses patented central dimming technology to deliver optimal energy savings using your site's existing cabling. With no additional wiring required, installation and commissioning are simple. An intuitive mobile app makes it easy for authorized users to set schedules to meet site specific lighting needs, local regulations, and energy codes.

## Ordering guide\*

example: 121-32L-700-NW-G4-3-120-BL-IMRI2-BZ

Prefix	Number of LEDs	Color Temperature	LED Color-Generation	Distribution	Emergency	Voltage
121						
121 LED wall sconce	16L 16 LEDs (1 module)	200 200mA 400 400mA 530 530mA 700 700mA 1000 1000mA 1200 1200mA	CW-G4 Cool White 5000K, 70CRI Generation 4 NW-G4 Neutral White 4000K, 70CRI Generation 4 WW-G4 Warm White 3000K, 70CRI Generation 4 WY-G4 Warm Yellow 2700K, 80CRI Generation 4 BW-G4 Balanced White 3500K 80CRI Generation 4 AM-G4 Direct Amber (590nm) Generation 4	2 Type 2 3 Type 3 4 Type 4	EBPC Emergency Battery Pack Cold Weather Leave blank to omit an emergency option	UNV 120-277V HVV 347-480V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V
	32L 32 LEDs (2 modules)	530 530mA 700 700mA 1000 1000mA				

Options					
Dimming controls	Motion sensing lens	Photo sensing	Electrical	Finish	
DD 0-10V External dimming (controls by others) 4 DCC Dual Circuit Control FAWS Field Adjustable Wattage SW Interface Module for SiteWise LLC Integral wireless module BL Bi-level functionality with motion sensor	IMRI2 Integral with #2 lens IMRI3 Integral with #3 lens	PCB Photocontrol Button	Fusing F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pull (208, 240, 480VAC) Surge Protection (10kA standard) SP2 Increased 20kA	Textured BK Black WH White BZ Bronze DGY Dark Gray MGY Medium Gray Customer specified RAL Specify optional color or RAL (ex: OC-LGP or OC-RAL7024) CC Custom color (Must supply color chip for required factory quote)	
DynaDimmer: Automatic Profile Dimming CS50 Security 50% Dimming, 7 hours CM50 Median 50% Dimming, 8 hours CE50 Economy 50% Dimming, 9 hours DA50 All Night 50% Dimming CS30 Security 30% Dimming, 7 hours CM30 Median 30% Dimming, 8 hours CE30 Economy 30% Dimming, 9 hours DA30 All Night 30% Dimming					

## Luminaire Accessories (order separately)\*

### Mounting Accessories



### Wall Mount

WS Wall Mounted Box for Surface Conduit

### Controls Accessories



### Wireless controls remote mount module

LLCR2-(F) #2 lens (specify F with finish)  
LLCR3-(F) #3 lens (specify F with finish)

### Central Remote Motion Response (used connected to SiteWise main panel)

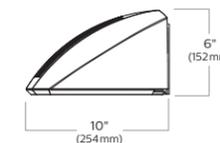
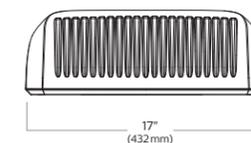
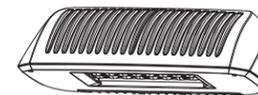
MS2-A-FVR-3  
MS2-A-FVR-7

### Wireless controls remote controller accessory

Wireless controls system offers a remote radio/sensor module that allows connectivity to Wireless system gateway. Remote module can be mounted to wall or pole with j-box supplied. May be specified by choosing one of two different lenses to accommodate a variety of mounting heights/sensor detection ranges. Must specify option DD on luminaires that are planned to be used with remote mount controllers. See spec sheet for WirelessControls details.

\* Prior to ordering, consult specification sheets on [gardcolighting.com](http://gardcolighting.com) for the most current information, notes, and exclusions.

## Dimensions



### Luminaire Weights

LED wall sconce 121	Weight
Luminaire	15.0 lbs
Luminaire - EBPC (EM battery pack)	18.5 lbs
Luminaire - Integrated Wireless Controls	17.0 lbs

# Make your lighting distinct

See how Gardco LED wall sconce 121 can help your building stand out from the rest. Contact your local Sales Representative or visit [gardcolighting.com](http://gardcolighting.com) for more information or to schedule a personalized demonstration.