



by Signify

Wall Mount

Wall Sconce 121



**Designed to make  
your lighting distinct**

# Styling that sets your building apart

**Gardco LED wall scone 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 scone 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.

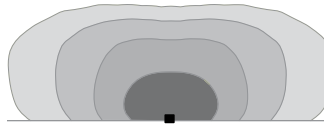
## Type 2 at 20'

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.



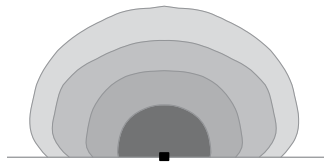
## Type 3 at 20'

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

## 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.

## Optical distributions

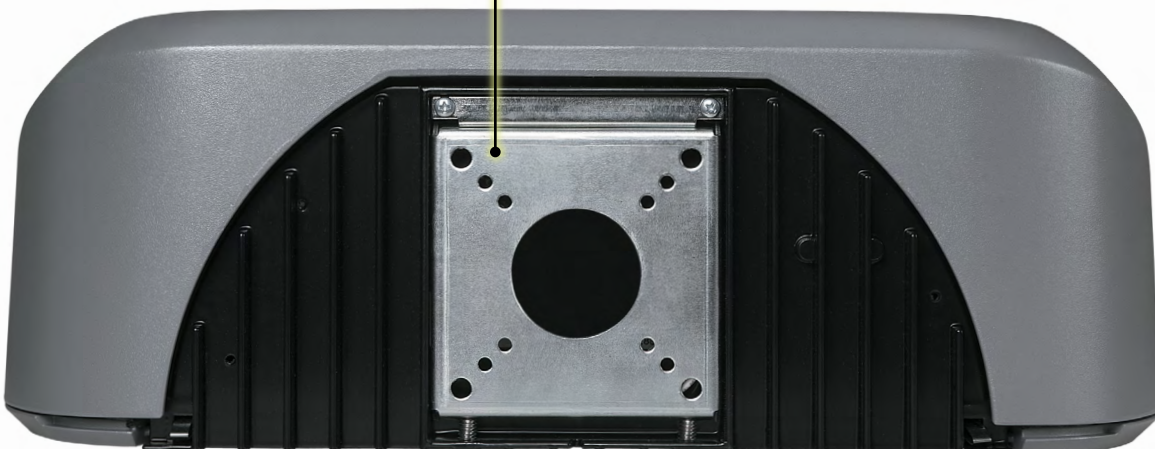
Type 2, 3, and 4 distributions available. Advanced Class 1 LED arrays designed to efficiently direct light into very wide or forward projecting light patterns.

## 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.



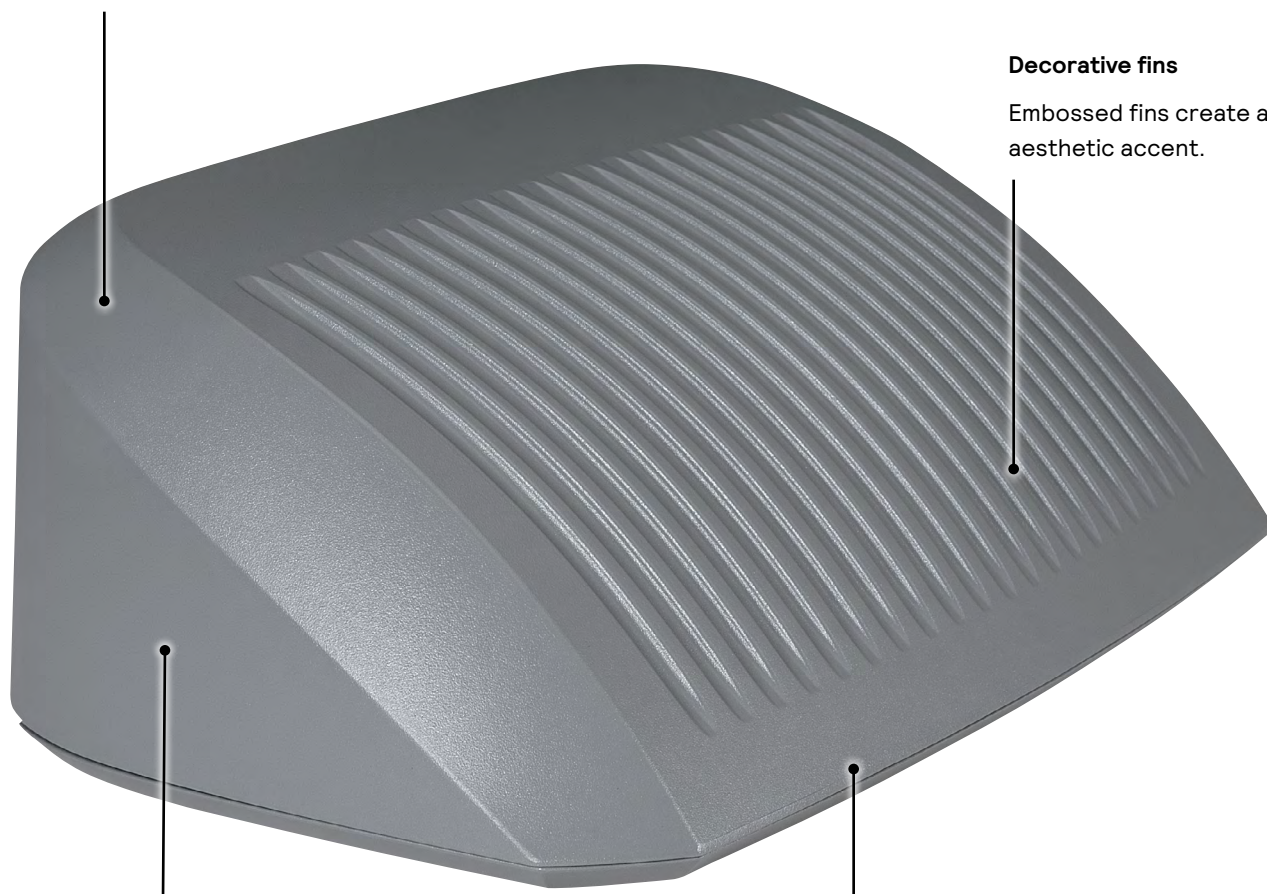
# e details

## Finish

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

## Decorative fins

Embossed fins create a unique aesthetic accent.



## Emergency battery backup

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

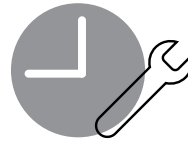
## Thermal management

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

\* 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.



**63%**  
Annual energy  
over HID



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

## 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.



### 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.

### 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.

## Ordering guide

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

Prefix		Number of LEDs		Drive Current		LED Color-Generation		Distribution		Emergency		Voltage			
121															
121	LED wall sconce	16L	16 LEDs (1 module)	200	200mA	CW-G4	Cool White 5000K, 70CRI Generation 4	2	Type 2	EBPC	Emergency Battery Pack Cold Weather  Leave blank to omit an emergency option	UNV	120-277V		
				400	400mA	NW-G4	Neutral White 4000K, 70CRI Generation 4					HVU	347-480V		
				530	530mA							120	120V		
				700	700mA							208	208V		
				1000	1000mA							240	240V		
				1200	1200mA							277	277V		
		32L	32 LEDs (2 modules)	530	530mA	WY-G4	Warm Yellow 2700K, 80 CRI Generation 4					347	347V		
				700	700mA	BW-G4	Balanced White 3500K 80CRI Generation 4					480	480V		
				1000	1000mA	AM-G4	Direct Amber (590nm) Generation 4								
Options															
Dimming controls				Motion sensing lens		Photo sensing			Electrical			Finish			
DD	0-10V External dimming (controls by others)			IMRI2	Integral with #2 lens	PCB	Photocontrol Button		Fusing	Textured					
DCC	Dual Circuit Control			IMRI3	Integral with #3 lens			F1	Single (120, 277, 347VAC)	BK	Black				
FAWS	Field Adjustable Wattage							F2	Double (208, 240, 480VAC)	WH	White				
LLC	Integral wireless module							F3	Canadian Double Pull (208, 240, 480VAC)	BZ	Bronze				
BL	Bi-level functionary with motion sensor									DGY	Dark Gray				
										MGY	Medium Gray				
DynaDimmer: Automatic Profile Dimming										Customer specified					
CS50	Security 50% Dimming, 7 hours								Surge Protection (10kA standard)	RAL	Specify optional color or RAL (ex: OC-LGP or OC-RAL7024)				
CM50	Median 50% Dimming, 8 hours								SP2	Increased 20kA	CC	Custom color (Must supply color chip for required factory quote)			
CS30	Security 30% Dimming, 7 hours														
CM30	Median 30% Dimming, 8 hours														

## Luminaire Accessories (order separately)\*

### Mounting Accessories



### Wall Mount

**WS** Wall Mounted Box for Surface Conduit

### Controls Accessories



### Wireless controls remote mount module

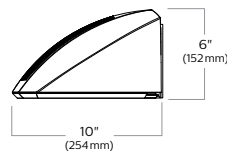
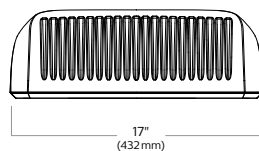
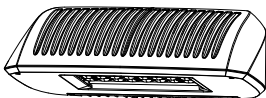
**LLCR2-(F)** #2 lens (specify F with finish)  
**LLCR3-(F)** #3 lens (specify F with finish)

### 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.

