



Gardco 111 LED mini sconce luminaires are compact in size, perfect for low mounting height wall mount applications. 111 LED luminaires are designed to integrate naturally to wall surfaces. 111 LED luminaires are available in Type 2, 3, and 4 distributions, and provide output from 1,300 to 4,600 lumens.

Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Ordering guide

example: 111L-16L-550-CW-G3-2-UNV-PCB-F1-BK

Prefix	No. of LEDs	Drive Current	Color / Generation	Distribution	Voltage	Controls	Electrical	Finish
111L	16							
111L Trapezoidal Wedge Mini Sconce LED	16L 16 LED module	200 200mA 350 350mA 550 550mA 750 750mA	WW-G3 Warm White 3000K, 70 CRI generation 3 NW-G3 Neutral White 4000K, 70 CRI generation 3 CW-G3 Cool White 5000K, 70 CRI generation 3 WY-G3 Warm Yellow 2700K, 80 CRI Generation 3 ² BW-G3 Balanced White 3500K 80CRI Generation 3 ² AM-G3 Direct Amber (590nm) Generation 3 ²	2 Type II Wide Throw Optic, with maximized lateral throw 3 Type III Preferred Wide Throw Optic, with improved forward throw 4 Type IV Maximized forward throw optic	UNV 120-277V 50hz/60hz 120 120V 208 208V 240 240V 277 277V	PCB Photocontrol Button ¹	F1 Single fusing (120, 277VAC) ¹ F2 Double fusing (208, 240VAC) ¹ F3 Canadian double pull fusing (208, 240VAC) ¹	Textured BK Black WH White BZ Bronze DGY Dark Grey MGY Medium Grey 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)

1. Provide specific input voltage.
2. Extended lead times apply. Contact factory for details.

Accessories (ordered separately)

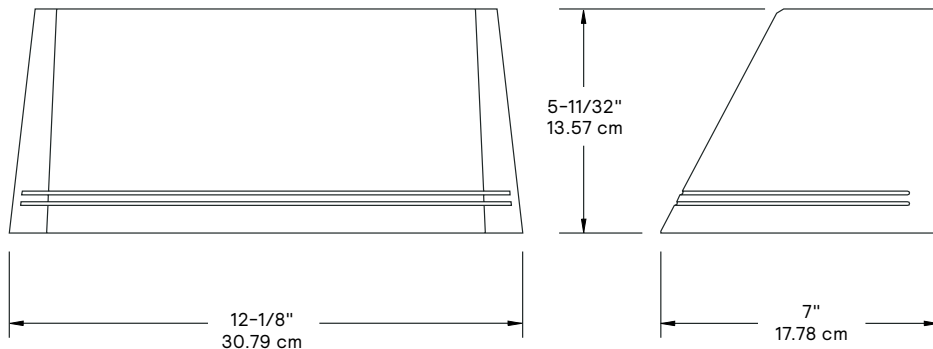


- Wall Mount**
- WS** Wall Mounted Box for Surface Conduit



111 LED Mini Wall Sconce

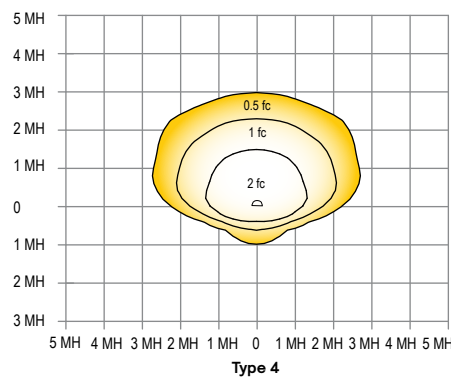
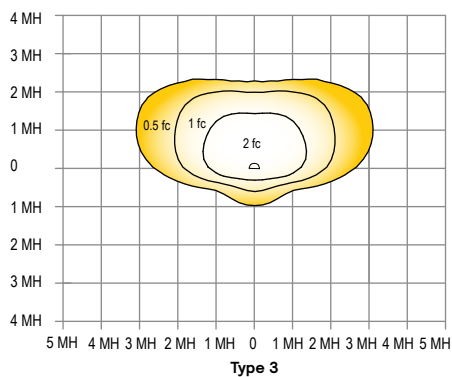
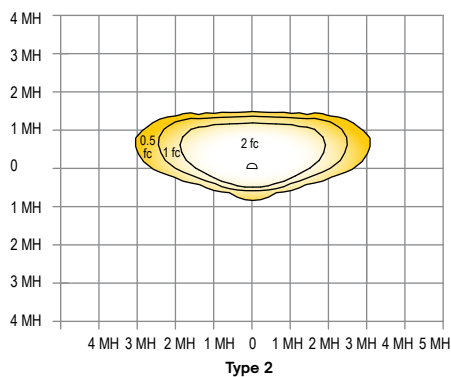
Dimensions



Note: Mounting plate center is located in the center of the luminaire width and 2.38" (6.03cm) above the luminaire bottom (lens down position). Splices must be made in the J-box (by others). Mounting plate must be secured by max. 1/4" (.64cm) diameter bolts (by others) structurally to the wall.

Weight: 6.6 lbs

Optical Distributions



111 LED Mini Wall Sconce

3000K LED Wattage and Lumen Values

CAT LOGIC	LED QTY	System Current (mA)	Color Temp	Avg System Wattage (W)	2			3			4		
					Lumen Output	Efficacy (Lm/W)	BUG Rating	Lumen Output	Efficacy (Lm/W)	BUG Rating	Lumen Output	Efficacy (Lm/W)	BUG Rating
111L-16L-200-WW-G3-x	16	200	3000	12	1370	114	B1-U0-G0	1343	112	B0-U0-G0	1315	110	B0-U0-G0
111L-16L-350-WW-G3-x	16	350	3000	18	2304	128	B1-U0-G0	2260	126	B1-U0-G1	2213	123	B1-U0-G1
111L-16L-550-WW-G3-x	16	550	3000	29	3503	121	B1-U0-G0	3435	118	B1-U0-G1	3363	116	B1-U0-G1
111L-16L-750-WW-G3-x	16	750	3000	39	4598	117	B1-U0-G1	4509	114	B1-U0-G1	4415	112	B1-U0-G1

4000K LED Wattage and Lumen Values

CAT LOGIC	LED QTY	System Current (mA)	Color Temp	Avg System Wattage (W)	2			3			4		
					Lumen Output	Efficacy (Lm/W)	BUG Rating	Lumen Output	Efficacy (Lm/W)	BUG Rating	Lumen Output	Efficacy (Lm/W)	BUG Rating
111L-16L-200-NW-G3-x	16	200	4000	12	1439	120	B1-U0-G0	1411	118	B0-U0-G0	1381	115	B0-U0-G0
111L-16L-350-NW-G3-x	16	350	4000	18	2420	134	B1-U0-G0	2373	132	B1-U0-G1	2323	129	B1-U0-G1
111L-16L-550-NW-G3-x	16	550	4000	29	3678	127	B1-U0-G0	3606	124	B1-U0-G1	3531	122	B1-U0-G1
111L-16L-750-NW-G3-x	16	750	4000	39	4828	123	B1-U0-G1	4734	120	B1-U0-G1	4636	118	B1-U0-G1

5000K LED Wattage and Lumen Values

CAT LOGIC	LED QTY	System Current (mA)	Color Temp	Avg System Wattage (W)	2			3			4		
					Lumen Output	Efficacy (Lm/W)	BUG Rating	Lumen Output	Efficacy (Lm/W)	BUG Rating	Lumen Output	Efficacy (Lm/W)	BUG Rating
111L-16L-200-CW-G3-x	16	200	5000	12	1439	120	B1-U0-G0	1411	118	B0-U0-G0	1381	115	B0-U0-G0
111L-16L-350-CW-G3-x	16	350	5000	18	2420	134	B1-U0-G0	2373	132	B1-U0-G1	2323	129	B1-U0-G1
111L-16L-550-CW-G3-x	16	550	5000	29	3678	127	B1-U0-G0	3606	124	B1-U0-G1	3531	122	B1-U0-G1
111L-16L-750-CW-G3-x	16	750	5000	39	4828	123	B1-U0-G1	4734	120	B1-U0-G1	4636	118	B1-U0-G1

Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

NOTE: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

111 LED Mini Wall Sconce

Specifications

Housing

Housings are die cast aluminum. A memory retentive gasket seals the housing to the door frame to exclude moisture, dust, insects and pollutants from the optical system. A black, die cast ribbed backplate dissipates heat for longer system life. Main body cast housing and back plate made of a low copper die cast. Hinged door allows access to driver and LED compartment.

Mounting

Mounting is completed through integral back plate that features a separate recessed feature for hook and lock quick mount plate that secures with two set screws from bottom of luminaire. Luminaire ships fully assembled, ready to install.

Light Engine

Light engine comprises of a module of 16-LED aluminum metal clad board fully sealed with optics offered in 1 module of 16 LEDs. Module is RoHS compliant. Standard color temperatures: 3000K +/-125K, 4000K, 5000K +/- 200K. Minimum CRI of 70. Also available in 2700K, 3500K, and Amber (590nm) with extended lead times. Contact factory for details. LED light engine is rated IP66 in accordance to Section 9 of IEC 60598-1.

IP Rating

Luminaires are rated IP66.

Optical system

Type 2, 3, and 4 distributions available. Performance tested per LM-79 and TM-15 (IESNA) certifying its photometric performance. Luminaire designed with 0% uplight (U0 per IESNA TM-15).

Electrical

Driver: Driver efficiency (>90% standard). 120-480V available (restrictions apply). Open/short circuit protection. Standard 0-10V dimming drivers. RoHS compliant.

Button Photocontrol (PCB): Button style design for internal luminaires mounting applications. The photocontrol is constructed of a high impact UV stabilized polycarbonate housing. Rated voltage of 120V or 208-277V with a load rating of 1000 VA. The photocell will turn on with 1-4Fc of ambient light.

Surge protection (SP1): Each luminaire is provided as standard with surge protector tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/5kA waveforms for Line Ground, Line Neutral and Neutral Ground, and in accordance with U.S. DOE (Department of Energy) MSSLC (Municipal Solid-State Street Lighting Consortium) Model Specification for LED Roadway Luminaires Appendix D Electrical Immunity High Test Level 10kV / 5kA.

Finish

Five standard colors offered in textured black, white, bronze, dark gray and medium gray. Color in accordance with the AAMA 2604 standard. Application of polyester powder coat paint 2.5 mils minimum. The thermosetting resins provides a discoloration resistant finish in accordance with the ASTM D2244 standard, as well as luster retention in keeping with the ASTM D523 standard and humidity proof in accordance with the ASTM D2247 standard. RAL and custom color matching available.

Listings

cULus Listed for Canada and USA suitable for wet locations when mounted downward facing. cULus Listed for Canada and USA suitable for damp locations when inverted upward facing when mounted in covered ceiling application. DesignLights Consortium qualified on models as listed on DLC QPL. CCTs 3000K and warmer are Dark Sky Approved. Luminaire is rated for operation in ambient temperature of -40°C (-40°F) up to +40°C (+104°F).

Limited Warranty

111 LED mini sconce luminaires feature a 5-year limited warranty.

See signify.com/warranties for complete details and exclusions

Predicted Lumen Depreciation Data

Ambient Temperature °C	System Current	LED Current	Calculated L70hrs ^{1,2}	L70 per TM21 ^{2,3}	Lumen Maintenance @ 60,000hrs
25 °C	750 mA	750 mA	>100,000	>60,000	97%

1. Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions.
2. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output.
3. Calculated per IESNA TM 21-11. Published L70 hours limited to 6 times actual LED test hours.

Buy American Act of 1933 (BAA):

This product is manufactured in one of our US factories and, as of the date of this document, this product was considered a commercially available off-the-shelf (COTS) item meeting the requirements of the BAA. This BAA designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Prior to ordering, please visit www.signify.com/baa to view a current list of BAA-compliant products to confirm this product's current compliance.

