

Lighting Cut Sheets

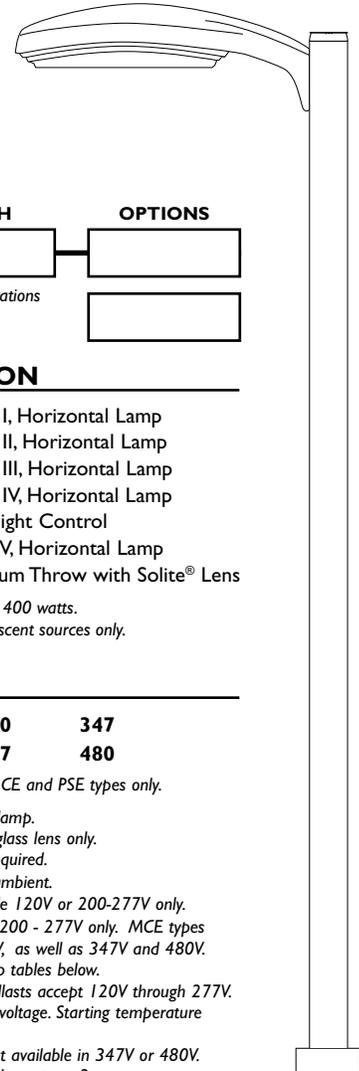
Hannaford Supermarket & Pharmacy
Commerce Street, Hinesburg, VT

November 2010



G18 Area Luminaires

The Gardco Gullwing™ is an area luminaire defined by its sleek profile and rugged construction. The housing is one-piece, die cast aluminum and mounts directly to a pole or wall without the need of a separate support arm. The multifaceted arc-image duplicating optical systems provide IES Types I, II, III, IV and V distributions. The door frame is single-piece diecast aluminum and retains an optically clear tempered flat glass lens. The luminaire is completely sealed and gasketed preventing intrusion from moisture, dust and insects. Gullwing™ luminaires are finished with a fade and abrasion resistant TGIC powdercoat. Flat glass lens luminaires provide full cutoff performance. Sag Lens luminaires provide cutoff performance.



PREFIX	MOUNTING	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	OPTIONS
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Enter the order code into the appropriate box above. Note: Gardco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

PREFIX	MOUNTING	DISTRIBUTION
G18 18" Gullwing™ Luminaire	1 Single Pole Mount 2 Twin Pole Mount at 180° 2@90 Twin Pole Mount at 90° 3 3-way Pole Mount at 90° 3@120°¹ 3-way Pole Mount at 120° 4 4-way Pole Mount W Wall Mount, Recessed J-Box WS Wall Mount, Surface Conduit <i>1. Not available with PTF option.</i>	1² Type I, Horizontal Lamp 2XL Type II, Horizontal Lamp 3XL Type III, Horizontal Lamp 4XL Type IV, Horizontal Lamp BLC² Backlight Control Q² Type V, Horizontal Lamp MTS³ Medium Throw with Solite® Lens <i>2. Not available above 400 watts. 3. Available with fluorescent sources only.</i>

WATTAGE

Pulse Start MH Magnetic Ballast	100MH⁴ 150MH⁴ 175PSMH⁴ [ⓔ]	250PSMH⁴ [ⓔ] 250PS90**[ⓔ] 320PSMH⁴ [ⓔ]	350PSMH⁴ [ⓔ] 400PSMH⁴ [ⓔ] 750PSMH⁴	875PSMH⁵ 1000PSMH^{5,9}
Standard MH Magnetic Ballast	175MH⁴	250MH⁴	400MH^{4,4}	1000MH^{5,9}
CosmoPolis™ Electronic System (See Notes 7,8,12)	60CMPE	90CMPE	140CMPE	CosmoPolis™ and MasterColor® Elite Systems are supplied with lamp.
MasterColor® Elite Electronic System (See Notes 7,8,12,13)	210MCE-3K[ⓔ] 210MCE-4K[ⓔ]	315MCE-3K[ⓔ] 315MCE-4K[ⓔ]	Note: 347V and 480V MCE systems include and require an auxiliary transformer.	
Pulse Start MH Electronic Ballast (See Notes 7,8,12)	150PSE[ⓔ]	175PSE[ⓔ]	250PSE[ⓔ]	320PSE^{4,ⓔ}
High Pressure Sodium Magnetic Ballast	70HPS 100HPS	150HPS 250HPS	400HPS 600HPS	750HPS⁵
Compact Fluorescent Electronic Ballast (See Notes 10,11)	(2)60CF	(2)85CF	(2)120CF	
Low Pressure Sodium Magnetic Ballast	35LPS			

* 175MH, 250MH and 400MH not available for sale in the United States.
 ** 250PS90 includes a 90% efficient magnetic PSMH ballast, meeting the requirements of California Title 20, effective 1/1/2010.

ⓔ Wattages marked with Circle "E" meet federal energy efficiency standards applicable to 150 watt through 500 watt metal halide luminaires only.

VOLTAGE

120	240	347
208	277	480
200-277 CMPE, MCE and PSE types only.		

4. Requires E28/BT28 lamp.
 5. Furnished with sag glass lens only.
 6. Mogul base lamp required.
 7. UL Listed at 40°C ambient.
 8. CMPE types available 120V or 200-277V only. PSE types available 200 - 277V only. MCE types available 200-277V, as well as 347V and 480V.
 9. See 1000 watt lamp tables below.
 10. G18 fluorescent ballasts accept 120V through 277V. Specify "UNIV" for voltage. Starting temperature is -22° F / -30° C.
 11. MTS Optic only. Not available in 347V or 480V.
 12. See QS / Q924 Table on page 2.
 13. "-3K" suffix specifies a 3000°K lamp and "-4K" suffix specifies a 4000°K lamp.

Note 9: 1000 Watt lamp tables.

For 1000 Watt Metal Halide, use:

Brand	Product Code	Catalog Number
Venture	53702	MS1000W/HOR/BT37/3K
G.E.	18205	MVR1000/U/BT37
Venture	15332	MH1000W/U/BT37

For 1000 Watt Pulse Start Metal Halide, use:

Brand	Product Code	Catalog Number
G.E.	10389	MVR1000/U/BT37/PA
Venture	49111	MS1000W/HOR/T25/PS

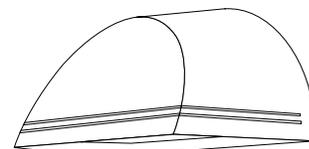
WARNING: Use of other lamps voids warranty.



100 Line

102 Performance Sconce

The Gardco 102 Rounded Wedge high performance sconce offers an excellent alternative to unsightly wall mounted fixtures. These architecturally refined luminaires are designed to integrate naturally to wall surfaces. 102 luminaires are available with three (3) different distribution patterns - a wide throw, a medium throw and a forward throw. Each luminaire is designed to accept HID sources up to 175MH, and Compact Fluorescent sources up to 42 watt. Housings are sealed throughout, completely excluding moisture, dust, insects and contaminants.



102 luminaires installed in the normal downlight position, with a flat glass lens, provide full cutoff performance.

PREFIX	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	OPTIONS

Enter the order code into the appropriate box above. Note: Gardco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

PREFIX

- 102** Trapezoidal Wedge (Standard Luminaire)
- 102EM** Emergency Sconce
- 102EMR** Remote Emergency Sconce

DISTRIBUTION

- FT** Forward Throw *Not Available with Fluorescent or LPS sources.*
- WT** Wide Throw *Not Available with Fluorescent or LPS sources.*
- MT** Medium Throw

Refer to configuration chart below for available combinations.

WATTAGE AND VOLTAGE

LAMP / VOLTAGE CHART - 102

HID*	Voltage					
	120	208	240	277	347	480
50MH	•			•		
70MH	•	•	•	•	•	
100MH	•	•	•	•	•	•
150MH	•	•	•	•	•	•
175MH**	•	•	•	•	•	•
50CMHE ¹	UNIV					
70CMHE ¹	UNIV					
100CMHE ¹	UNIV					
35HPS	•					
50HPS	•			•		
70HPS	•	•	•	•	•	•
100HPS	•	•	•	•	•	•
150HPS	•	•	•	•	•	•
Fluorescent						
26QF ¹	UNIV			•		
226QF ¹	UNIV			•		
32TRF ¹	UNIV			•		
42TRF ¹	UNIV			•		

* MH, CMHE and HPS types require medium based E17 lamps. All MH 150W and below are pulse start by design, including CMHE types.

** 175MH not available for sale in the United States.

MH - Metal Halide
 CMHE - Ceramic Metal Halide with Electronic Ballast
 HPS - High Pressure Sodium
 TRF - Triple Tube Fluorescent
 QF - Quad Fluorescent

Combinations marked with a dot, or shown with "UNIV" are available for ordering.

CONFIGURATION CHART - 102EM⁵

Fluorescent	Distribution			Voltage					
	FT	WT	MT	120	208	240	277	347	480
226QF ²			•	•			•		
32TRF			•	•			•		
42TRF			•	•			•		

CONFIGURATION CHART - 101EMR⁵

Fluorescent	Distribution			Voltage					
	FT	WT	MT	120	208	240	277	347	480
226QF ^{2,3,4}			•	•			•		
32TRF			•	•			•		
42TRF			•	•			•		

1. Fluorescent and CMHE luminaires feature electronic ballasts that accept 120V through 277V, 50hz to 60hz, input. Specify "UNIV" voltage for 120V through 277V.
2. One (1) lamp is powered in emergency mode with EM and EMR types with the B84CG option.
3. Available with ICE420 option, which powers two (2) lamps in emergency mode. ICE420 option only available with 226QF. CAUTION: Maximum battery pack input power for EMR units with ICE420 option is 100 watts (.83 amps) when heating element is on. This is in addition to the normal input power for luminaire lamps and ballast.
4. Available with I162 option, which powers two (2) lamps in emergency mode. Lamps are wired in parallel. In emergency mode, should one lamp become inoperable, the remaining lamp will operate with a minimum total initial output of 2,250 lumens.
5. Refer to "102 Emergency Sconce Table" on page 3 for additional information.



FEATURES & SPECIFICATIONS

INTENDED USE — For building- and wall-mounted applications.

CONSTRUCTION — Rugged, die-cast, single-piece aluminum housing. Die-cast doorframe has a 1/8" thick tempered glass lens. Doorframe is fully gasketed with one-piece solid silicone.

FINISH — Standard finish is textured dark bronze (DDBT) corrosion-resistant polyester powder finish, with other architectural colors available.

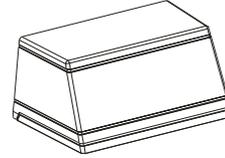
OPTICAL SYSTEM — Hydroformed reflector for superior uniformity and control. Medium throw (MD) full cutoff distribution only.

ELECTRICAL SYSTEM — HID utilizes a high-reactance, high-power factor ballast. Ballasts are 100% factory tested. Porcelain, medium-base socket with copper alloy, nickel-plated screw shell and center contact. Compact fluorescent utilizes an electronic, high frequency ballast. Compact fluorescent socket is four-pin positive latching thermoplastic. UL Listed. Quick-disconnect plug easily disconnects reflector from ballast and fixture from supply wires.

INSTALLATION — Easily installed using provided mounting strap. Mount to any non-combustible vertical surface or to a 4" round or square outlet box. Back access through slotted gasket.

LISTING — Listed and labeled to UL standards. Listed and labeled to CSA standards (see Options). NOM Certified (see Options). IP65 rated. Wet location listed.

Hannaford Supermarket & Pharmacy
 Commerce Street, Hinesburg, VT
 November 2010
Fixture F



Decorative Wall-Mounted Lighting

WSTM

METAL HALIDE

50W-70W

HIGH PRESSURE SODIUM

35W-70W

COMPACT FLUORESCENT

26DTT, 26-42TRT

Standard dimensions - WSTM

Length: 12.50"(31.75 cm)

Depth: 7.50"(19.05 cm)

Height: 5.75"(14.60 cm)

Weight: 14.00lbs (6.35 kg)

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: WSTM 70M MD 120 DNAT LPI

WSTM	MD	Voltage	Options	Lamp ¹³
Series	Distribution			
WSTM	MD Medium throw	120	<u>Shipped installed in fixture</u>	LPI Lamp included
		208 ²	SF Single fuse (120, 277, 347V) ⁵	L/LP Less lamp
Wattage/source		240 ²	DF Double fuse (208, 240V) ⁵	
<u>Metal halide</u>		277	EC Emergency circuit (incandescent, 25W max.) ^{6,7}	
50M		347	GMF Internal slow-blow fusing ^{5,8}	<u>Shipped separately</u>
70M		TB	DC12 Emergency circuit 12 volt (20W or 35W) ^{6,7,9}	WSUT5 Uptilt 5 degrees
<u>High pressure sodium</u>		MVOLT^{3,4}	DC2012 Emergency circuit 12 volt (20W lamp included) ^{6,7,9}	WSTMWG Wire guard ¹¹
35S ¹			QRS Quartz restrike system (75W max.) ^{7,11}	<u>Architectural colors¹²</u>
50S			CR Enhanced corrosion resistance	<u>Standard textured colors</u>
70S			CRT Non-stick protective coating ¹⁰	(blank) Dark bronze textured
<u>Compact fluorescent</u>			PE Photoelectric cell-button type ^{5,11}	DSST Sandstone
26DTT			DFL Diffusing lens	DNAT Natural aluminum
26TRT			CSA CSA Certified	DWHG White
32TRT			NOM NOM Certified	DBLB Black
42TRT				<u>Optional textured colors</u>
				DBNH Bronze
				DSPD Dark gray
				DSPJ Light gray
				DSPE Green
				DSPG Dark red
				DSPF Rust
				DSPH Red
				<u>Striping</u>
				SDDB Dark bronze
				SDWH White
				SDBL Black
				SDNA Natural aluminum
				SDSS Sandstone
				SDTG Tennis green
				SDBR Bright red
				SDBUA Dark blue
				SDGYM Gray
				SDYLB Yellow

NOTES:

- 120V only.
- Consult factory for availability in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V); (120/347V in Canada).
- Multi-volt electronic ballast (compact fluorescent lamps) capable of operating any line voltage between 120V and 277V.
- Must specify voltage. Not available with MVOLT or TB.
- Maximum wattage lamp included.
- Available for HID sources only.
- Available for compact fluorescent only.
- Not available with SF or DF.
- Black finish only.
- Must be ordered with fixture; can not be field installed.
- Additional architectural colors available; see www.lithonia.com for more information.
- Must be specified.