CONTURA REALUMINAIRE





Gardco Lighting is a Philips group brand

PHILIPS



With softened edges, rugged construction and wind-cheating aerodynamics that improve performance and maximize component life, Contura casts new light on the classic high-performance square luminaire.

Contura's low-profile, die cast aluminum housing continues Gardco's legacy of innovation, aesthetics and performance. The top and sides of the housing are contoured to soften mass while adding detail that enhances a sleek blend of classic and contemporary. In addition to reducing the visible scale, the soft edges harness the wind and dissipate heat, extending the ballast and lamp life. The design also improves aerodynamics, which can lead to savings on pole gauge and diameter.

Contura is available in a number of mounting configurations, including yoke, wall, and one- to four-way arm mounting. Contura features Gardco's patented Form 10 XL optical system. This contributes to overall site lighting package savings via wider spacings, even at lower mounting heights. Rugged yet refined, soft yet sleek, Contura eases into today's most compelling architectural vocabulary.



CONSTRUCTION

Soft Look, Rugged Materials

With rounded edges and soft corners, Contura eases into the architecture, both traditional and leading-edge. To complement the aesthetics, Contura's rugged, die cast construction ensures high performance and an extremely long life.

Seamless Transitions, Concealed Hardware

Contura has a seamless door frame that is virtually invisible, creating a clean, satisfying appearance from every viewing angle.

Wind-Cheating Aerodynamics

Contura's sleek silhouette and rounded corners yield an exceptionally low coefficient of drag and correspondingly low EPA values. The immediate benefit is the ability to reduce pole gauge and diameter. Because poles are such a significant portion of the total project cost, savings can be substantial.

Weather-Protected Construction

Contura is completely sealed at all points of material transition to prevent rain, insects and dust from intruding. When the door frame is closed, the 1/8" gasketing is compressed to form a continuous, positive seal.

Long-Lasting Finishes

The finish is a fade- and abrasion-resistant, electrostatically applied, thermally cured, TGIC textured polyester powdercoat. Contura housings are thoroughly cleaned and treated with chromate acid prior to paint application. Standard colors feature the lightly textured Gardco finish, while custom colors may vary in texture.

Low Operating Temperatures

Contura harnesses the wind across grooves that are cast into the top and sides of the luminaire, dissipating heat and cooling the lamp and ballast compartments. The combination of large surface area and the heat sink effectively lowers operating temperatures within the luminaire, extending ballast and lamp life.

Toolless Access

Contura's turn-and-drop door closure features a tooless turn latch with a mechanical closing mechanism that assures that the gasket seals tightly and continuously.

CT17/CT21 AREA LUMINAIRES Including CT17 with CosmoPolis®

GENERAL DESCRIPTION: The Gardco arm-mounted and wall-mounted Contura products are cutoff luminaires for high intensity discharge lamps up to 400 watts. Luminaires are manufactured from die cast aluminum and finished in a TGIC polyester powdercoat. Contura luminaires can accept one of five (5) interchangeable and rotatable precision segmented optical systems.



CUTOFF PERFORMANCE: Flat glass lens luminaires provide full-cutoff performance.

ORDERING

Example	PREFIX C	DNFIGURATION	DISTRIBUTION	WATTAGE 100MH	VOLTAGE 120	FINISH BGP	OPTIONS F
See C1 for arm	m Mounted Luminaires CTA17 CTA21 TA Arm Mounting Matrix below lengths and restrictions. Ill Mounted Luminaires CTB17 CTB21	1 2 2@90 3 3@120 4	Horizontal Lamp 1 ³ 2XL 3XL 4XL Q ³ 3. 21" luminaires only.	17" (CTA17, CTB17) 100MH4 150MH4 175MH4 150CMHE4 100HPS4 150HPS4, 5 60CMPE6	120 208 240 277 347 480 QUAD 120/208/240/277 Factory tied to 277V.	BGP BLP NP WP LSP DSP RBP LGP	F LF PC PCR POLY HS QS [®] QS [®] PTF2
		60CMPE 6 performanc	ontura only: 0 Watt CosmoPolis⊚ high e electronic ceramic MH allast system.	21 <u>° (CTA21, CTB21)</u> 200MH 250MH 400MH7	200-277 60CMPE only.	DGP OC SC	PTF3 PTF4 A6 ⁹ EA9 ⁹ EA12 ⁹
		MH PSMH CMHE HPS CMPE	Metal Halide Pulse Start Metal Halide Ceramic Metal Halide with Electronic Ballast High Pressure Sodium CosmoPolis® Electronic Metal Halide Lamp and Ballast System	250PSMH 320PSMH7 350PSMH7 400PSMH7 250HPS 400HPS	4. Medium base lamp. 5. Operates 55V lamp. 6. 200-277V only. 7. Requires E28/BT28 lamp. 8. Not available with CMHE. 9. See CTA Arm Mounting M	latrix for restrictions.	

Prior to ordering, consult Submittal Data Sheet on sitelighting.com for the most current information, notes and exclusions.

PREFIX		CONFIG	URATION	DIST	RIBUTION
	17" Side Pole Mount w/Open Arm	1 2	Single Assembly Twin Assembly	<u>Horizont</u> 1	<u>al Lamp</u> Type I ³
Wall Mounted	21" Side Pole Mount w/Open Arm I <u>Luminaires</u>	3	Twin Assembly at 90° Triple at 90°	2XL 3XL	Type II Type III
	17" Wall Mount with Open Arm 21" Wall Mount with Open Arm	3@120 4	Triple at 120° Quad Assembly	4XL Q	Type IV Type V ³

Use "1" for Wall Mounted (CTB) luminaires See CTA Arm Mounting Matrix below for more information.

- Note: 1. Standard arm length is 6° (15.24 cm). Longer, 9° (22.86 cm) arms (EA9) and 12° (30.48 cm) arms (EA12) are available. See Extended Arm options and CTA Arm Matrix helow
 - 2. Standard arm length is 9" (22.86 cm). Longer, 12" (30.48 cm) arm (EA12) is
 - available. See Extended Arm options and CTA Arm Matrix below.

3. Available with 21" luminaires only

CTA ARM MOUNTING MATRIX

ARM	CTA17	CTA21			
6" Arm	Standard (EA9 or EA12 Option required for 2 @ 90°, 3 @ 90° or 4 @ 90° mounting if Pole OD less than 4°.)	A6 Option (Available for Single or 2 @ 180° mounting only.)			
9" Arm	EA9 Option	Standard			
12" Arm	EA12 Option	EA12 Option			
Note: 3.	5" Minimum Pole OD required for all di	irect arm mounting.			

FINIS	н	OPTIO	NS
BGP BLP BRP NP WP LSP DSP RBP LGP DGP OC	Beige Paint Black Paint Bronze Paint Natural Aluminum Paint White Paint Light Sandstone Paint Dark Sandstone Paint Red Brick Paint Light Granite Paint Dark Granite Paint Optional Color Paint	F PC PCR POLY HS QS ⁸ QST ⁸	Fusing In Head. In-Line, Photoco N/A with 4 Photoco Externa Internal Quartz 5 Quartz 5 8. Not ava
SC	Specify RAL designation. Ex. OC-RAL7024 Special Color Paint Must supply color chip.	PTF2 PTF3 PTF4	Pole To Pole To Pole To
		A6 ⁹ EA9 ⁹	6" Oper 9" Exter

_F PC PCR POLY HS	In-Line/In-Pole Fusing Photocontrol and Receptacle N/A with 480V. Photocontrol Receptacle only External Polycarbonate Shield Internal Houseside Shield
DS® DST®	Quartz Standby Quartz Standby – Timed Delay 8. Not available with CMHE.
PTF2 PTF3 PTF4	Pole Top Fitter – 2 3/8" - 3" Dia. Tenon Pole Top Fitter – 3" - 3 1/2" Dia. Tenon Pole Top Fitter – 3 1/2" - 4" Dia. Tenon

A6 ⁹	6" Open Arm
EA9 ⁹	9" Extended Open Arm

EA12⁹ 12" Extended Open Arm 9. See CTA Arm Mounting Matrix for restrictions.

Specifications

HOUSING: Contura housings are comprised of a two-piece, low-profile die cast aluminum housing with raised reveals and a single concealed joint. Pressure-injected silicone and solid silicone gasketing provide a continuous weathertight seal at all miters and points of material transition.

ARM: The mounting arm consists of two aluminum extrusions and a die cast pole adapter. 3/8" (.95cm) diameter tie rods run through an integral channel within the extrusions for maintaining housing-to-pole alignment. Luminaires are pre-wired and suitable for installation with minimal housing access.

WALL MOUNTING: Wall-mounted units include the mounting arm and a hooking die cast aluminum wall bracket that hinges on a die cast mounting plate.

LENS: Lens is optically clear, heat- and impact-resistant tempered flat glass, sealed to the housing.

OPTICAL SYSTEMS: The segmented optical systems are manufactured from homogenous sheet aluminum which has been electrochemically brightened, anodized and sealed. The multifaceted arc image duplicating systems are designed to produce IES Types I (1), II (2XL), III (3XL), IV (4XL) and V (Q). With the 2XL, 3XL and 4XL luminaires, the reflector facets form a conical fan around the arc tube with each facet positioned to be precisely tangent to the top of the arc

DIMENSIONS

tube. The lampholder is glazed porcelain with a nickel-plated screw shell. HID luminaires feature porcelain medium base lampholders.

ELECTRICAL: Each high power factor HID core and coil ballast is the separate component type. For luminaires provided with CosmoPolis®, each high power factor ballast is electronic, designed specifically for the CosmoPolis® high performance ceramic metal halide electronic system. Ballasts are capable of providing reliable lamp starting down to -20°F (-29°C). The ballast is mounted on a unitized tray and secured within the luminaire, above the reflector system.

Component-to-component wiring within the luminaire will carry no more than 80% of rated current and is listed by UL for use at 600 VAC at 301°F (150°C) or higher. Plug disconnects are listed by UL for use at 600 VAC, 15A or higher.

FINISH: Each standard color luminaire receives a fade- and abrasion-resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. Standard colors are as listed. Consult factory for specs on optional or special colors.

LABELS: All luminaires bear UL/CUL wet location labels.

FULL CUTOFF PERFORMANCE: Full cutoff performance means a luminaire distribution where zero candela intensity occurs at an angle of 90° above nadir. Additionally, the candela per 1000 lamp lumens does not numerically exceed 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire. CUTOFF PERFORMANCE: Cutoff performance means a luminaire distribution where the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle at or above 90° above nadir, and 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.







	EPA's		
Size	Single	Twin	3/4
CTA17	0.7 ft²	1.4 ft²	2.1 ft ²
	0.07 m ²	0.13 m ²	0.20 m ²
CTA21	1.2 ft² 0.11 m²	2.4 ft² 0.22m²	3.6 ft ² 0.33 m ²

	Approximate Weight									
Size	Single	Twin	3/4							
CTA17	42 lbs 19.1 kg	84 lbs 38.1 kg	168 lbs 76.2 kg							
CTB17	43 lbs 19.5 kg									
CTA21	56 lbs 25.4 kg	112 lbs 50.8 kg	224 lbs 101.6 kg							
CTB21	58 lbs 26.3 kg									

CTP17/CTP21 POST TOP LUMINAIRES Including CTP17 with CosmoPolis®

GENERAL DESCRIPTION: The Gardco Post Top Contura products are cutoff luminaires for high intensity discharge lamps up to 400 watts. Post Top Contura units are manufactured from die cast aluminum and finished in a TGIC polyester powdercoat. CTP luminaires can accept one of five (5) interchangeable and rotatable precision segmented optical systems.

CUTOFF PERFORMANCE: Flat glass lens luminaires provide full-cutoff performance.

ORDERING



	PREFIX	CONFIGURATION	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	OPTIONS
Example	CTP17 -	P11	2XL	100MH	120	BGP	F
Ш	CTP17 CTP21	See Matrix below	Horizontal Lamp 11 2XL 3XL 4XL Q ¹ 1. 17" luminaires only.	CTP17 100MH ² 150MH ² 175MH ² 150CMHE ² 100HPS ² 150HPS ^{2, 3} 60CMPE ⁴ <u>CTP21</u>	120 208 240 277 347 480 QUAD 120/208/240/277 Factory tied to 277V. 200-277	BGP BLP NP VP LSP DSP RBP LGP DGP	F PC PCR POLY HS QS ⁶ QST ⁶
		performance elec lamp and ballast MH Metal Ha PSMH Pulse Sta CMHE Ceramic HPS High Pre CMPE CosmoP	t CosmoPolis® high tronic ceramic MH system.	200MH 250MH 400MH ⁵ 250PSMH 320PSMH ⁵ 350PSMH ⁵ 400PSMH ⁵ 250HPS 400HPS	600MPE only. 2. Medium base lamp. 3. Operates 55V lamp. 4. 200-277V only. 5. Requires E28/BT28 lamp. 6. Not Available with CMHE.	OC SC	

Prior to ordering, consult Submittal Data Sheet on sitelighting.com for the most current information, notes and exclusions.

PREFIX DISTRIBUTION FINISH OPTIONS Horizontal Lamp F Fusing CTP17 17" Post Top Mounted Luminaire BGP Beige Paint In Head. Type I1 BLP Black Paint 1 LF In-Line/In-Pole Fusina CTP21 21" Post Top Mounted Luminaire 2XL Type II BRP Bronze Paint PC Photocontrol and Receptacle NP 3XL Type III Natural Aluminum Paint N/A with 480V. 4XL Type IV WP White Paint PCR Photocontrol Receptacle only Q Type V1 LSP Light Sandstone Paint POLY Polycarbonate External Shield **DSP** Dark Sandstone Paint HS Internal Houseside Shield 1. 21" luminaires only. **RBP** Red Brick Paint **OS**⁶ Quartz Standby LGP Light Granite Paint Quartz Standby - Timed Delay QST⁶ **DGP** Dark Granite Paint 6. Not Available with CMHE. **Optional Color Paint 0C** Specify RAL designation. Ex. 0Ć-RAL7024

SC

Special Color Paint Must supply color chip.

CONTURA POST TOP MOUNTING MATRIX

	4"	5"	4"	5"	T2	T4
	SSS Pole 4.00" Sq. Max. O.D. 3.62" Sq. Min. ID.	SSS Pole 5.00" Sq. Max. O.D. 4.62" Sq. Min. ID.	RA / SRS Pole 4.00" Max. O.D. 3.62" Min. ID.	RA / SRS Pole 5.00" Max. O.D. 4.62" Min. ID.	2 3/8" O.D. by 4" Tenon	4" O.D. by 6" Tenon
CTP17	P11 (Illustration 1)	N/A	P13 (Illustration 1)	N/A	P15 (Illustration 2)	N/A
CTP21	P21 (Illustration 1)	P22 (Illustration 1)	N/A	P24 (Illustration 1)	P25 (Illustration 2)	P26 (Illustration 3)

Specifications

HOUSING: Contura housings are comprised of a two-piece, low-profile die cast aluminum housing with raised reveals and a single concealed joint. Pressure-injected silicone and solid silicone gasketing provide a continuous weathertight seal at all miters and points of material transition.

POST TOP MOUNTING: The 9/16" (1.4cm) diameter parallel yokes of high strength, low mass schedule 40 steel are precisely contoured to match the housing silhouette. The yoke assembly is designed for mounting compatibility with a variety of poles and pole top tenons. Yoke is electrogalvanized and coated with satin black polyurethane.

LENS: Lens is optically clear, heat- and impact-resistant tempered flat glass, sealed to the housing.

OPTICAL SYSTEMS: The segmented optical systems are manufactured from homogenous sheet aluminum which has been electrochemically brightened, anodized and sealed. The multifaceted arc image duplicating systems are designed to produce IES Types I (1), II (2XL), III (3XL), IV (4XL) and V (Q). With the 2XL, 3XL and 4XL luminaires, the reflector facets form a conical fan around the arc tube with each facet positioned to be precisely tangent to the top of the arc tube. The lampholder is glazed porcelain with a nickel-plated screw shell. HID luminaires feature porcelain medium base lampholders. **ELECTRICAL:** Each HID core and coil high power factor ballast is the separate component type. For luminaires provided with CosmoPolis[®], each high power factor ballast is electronic, designed specifically for the CosmoPolis[®] high performance ceramic metal halide electronic system. Ballasts are capable of providing reliable lamp starting down to -20°F (-29°C). The ballast is mounted on a unitized tray and secured within the luminaire, above the reflector system.

Component-to-component wiring within the luminaire will carry no more than 80% of rated current and is listed by UL for use at 600 VAC at 301°F (150°C).

FINISH: Each standard color luminaire receives a fade- and abrasion-resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. Standard colors are as listed. Consult factory for specs on optional or special colors.

LABELS: All luminaires bear UL/CUL wet location labels.

FULL CUTOFF PERFORMANCE: Full cutoff performance means a luminaire distribution where zero candela intensity occurs at an angle of 90° above nadir. Additionally, the candela per 1000 lamp lumens does not numerically exceed 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire. CUTOFF PERFORMANCE: Cutoff performance means a luminaire distribution where the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle at or above 90° above nadir, and 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.

dimensions



109 contura sconce Including 109 SCONCE with CosmoPolis® 🜌

GENERAL DESCRIPTION:

The Gardco 109 Contura high-performance sconces offer an excellent alternative to unsightly wall-mounted fixtures. These architecturally refined luminaires mirror the styling of the Gardco Contura luminaire and are designed to integrate naturally to wall surfaces. The 109 luminaires are available with three (3) different distribution patterns. Each luminaire is designed to accept HID sources up to 175MH and Compact Fluorescent sources up to 42 watts.



CUTOFF PERFORMANCE: 109 luminaires installed in the normal downlight position, with a flat glass lens, provide full-cutoff performance.

RDFRING

PREFIX				DI	STRIB		N		WA	TTAGE	VOLTAGE		FINISH	OPTIONS
109					FT				F	50MH	120		BRP	F
105					11						120		DIT	1
109 Standard Scon 109EM Emergency Sco 109EMC Emergency Sco 109EMR Remote Emerg	once once - Cold Te jency Sconce			WT	Forward N/A w/fil Wide Th N/A w/fil Medium	iorescent ITOW iorescent	,		cha. available		chart below for		BRP BLP WP NP BGP LGP	F PCB QS ³ QST ³ Q9244
Refer to configuration chart belo	W TOF AVAIIADIE	combinal	lions.							lamp and bai			DGP	Q12V ⁴ SL
LAMP/VOLTAGE CHAF	RT - 109												LSP	UT
Voltage	120	208	240	277	347	480	1						DSP RBP	WLU
E17-HID							1						0C	WS
50MH	•			•			Com	binatior	ns mark	ed with a c	lot or shown with		SC	WS/UT
70MH	•	•	•	•	•						lable for ordering.			WG POLY
100MH	•	•	•	•	•	•	мн.	Motal	Halida	. HDC_	Hiah Pressure Sodium • QF – G	uad Eluoroccor	at	PULI
150MH	•	•	•	•	•						 CMHE – Ceramic Metal Halide 			EMR Luminaires On
175MH	•	•	•	•	•	•					nic Metal Halide Lamp and Ballasi		o Dunuor	B84CG
50CMHE ¹		 UI	NIV	-	1									
70CMHE1		U	NIV											
100CMHE ¹		U	NIV											
35HPS	•									FINIS	н	OPTIONS		
50HPS	•			•			1			BRP	Bronze Paint	F	Fusina	
70HPS	•	•	•	•	•	•				BLP	Black Paint		120V through 277V	only.
100HPS	•	•	•	•	•					WP	White Paint	PCB	Button Type Pl	notocontrol
150HPS	•	•	•	•	•					NP	Natural Aluminum Paint	002	N/A w/480V.	
60CMPE ²		200)-277V	ONLY						BGP	Beige Paint		Quartz Standby	
Fluorescent										LSP	Light Sandstone Paint	QST ³		/ - Timed Delay ith CMHE Ballasts. FT Optics
26QF1		U	NIV		•					DSP	Dark Sandstone Paint		or in 480V. 100	
226QF1			NIV		•					RBP	Red Brick Paint	Q924 ⁴	Quartz Emerge	ncy
32TRF1			NIV		•					LGP	Light Granite Paint	Q12V4	Quartz 12V Em	
232TRF ¹			NIV		•					DGP	Dark Granite Paint			150w HID maximum.
42TRF ¹		-	NIV		•					OC	Optional Color Paint Specify RAL designation.		100w Quartz m	
242TRF ¹		U	NIV		•						Ex. OC-RAL7024	SL UT	Solite® Diffusi	ng Lens
1. Fluorescent and CMHE I 120V through 277V, 50h 2. Specify "200-277V" for C	iz to 60hz, inp	out. Spe	ectroni ecify "L	c ballas INIV" vo	ts that a oltage fo	ccept or 120V	through	277V.		SC	Special Color Paint Must supply color chip.	WLU	5° Uptilt Wet Location E N/A with WG option	Door for Inverted Mou
CONFIGURATION CHA	ART - 109EN	N or 10	D9EM	C								WS ⁵		Box for Surface Condu
		stribut				Vol	tage			1		WS/UT ⁵	WS Option w/5 5. Rear entry permit	
Fluorescent	FT	WT	MT	120	208	240	277	347	480			WG	Wire Guard Not available with V	
226QF3			•	•			•					POLY	Polycarbonate	Sag Lens
32TRF			•	•			•						100w HID maximun	
02 mil														

CONFIGURATION CHART - 109EMR

42TRF

ten

	Dis	stribut	ion	Voltage					
<u>Fluorescent</u>	FT	WT	MT	120	208	240	277	347	480
226QF3			•	٠			٠		
32TRF			•	•			•		
232TRF3			•	•			•		
42TRF			•	٠			•		
242TRF ³			•	•			•		

٠ • •

3. One (1) lamp is powered in emergency mode.

Prior to ordering, consult Submittal Data Sheet on sitelighting.com

WLU	Wet Location Door for Inverted Mount
WS ⁵	Wall Mounted Box for Surface Conduit
WS/UT ⁵	WS Option w/5° Uptilt 5. Rear entry permitted.
WG	Wire Guard Not available with WLU option.
POLY	Polycarbonate Sag Lens

EMR Luminaires Only B84CG

Bodine Remote Emergency Pack Emergency Battery Packs for EMR types MUST be ordered with luminaires and supplied by Gardco.

for the most current information, notes and exclusions.

Gardco Lighting reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.

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 lamp and ballast life.

DOOR FRAME: A single-piece die cast aluminum door frame integrates to the housing form. The door frame is hinged closed and secured to the housing with two (2) captive stainless steel fasteners. The heat- and impact-resistant 1/8" (.32cm) tempered glass lens and one-piece gasket are mechanically secured to the door frame with four (4) galvanized steel retainers.

OPTICAL SYSTEMS: Reflectors are composed of specular extruded and faceted components, electropolished, anodized and sealed. Reflector segments are set in arc tube image duplicating patterns to achieve the wide throw, forward throw or medium throw downlight distributions.

ELECTRICAL

STANDARD LUMINAIRES: Each high power factor HID core and coil ballast is the separate component type. For luminaires provided with CosmoPolis®, each high power factor ballast is electronic, designed specifically for the CosmoPolis® high performance ceramic metal halide electronic system. All HID ballasts are capable of providing reliable lamp starting down to -20°F (-29°C). Component-to-component wiring within the luminaire will carry no more than 80% of rated current and is listed by UL for use at 600 VAC at 1301°F (150°C) or higher. Plug disconnects are listed by UL for use at 600 VAC, 15A or higher.

Standard fluorescent units have a starting temperature of 0°F (-18°C). Standard fluorescent ballasts are high power factor electronic solid state.

EM / EMC LUMINAIRES: In the event of power interruption, integral emergency battery pack will power one (1) 42w, one (1) 32w or one (1) 26w compact fluorescent lamp at reduced light levels for a minimum of 90 minutes. Maintenance-free battery is rated for ambient temperatures

down to $32^{\circ}F/0^{\circ}C$ (EM) or $-4^{\circ}F/-20^{\circ}C$ (EMC). Indicator light is visible through the lens. A test switch is accessible through the door assembly. EM and EMC units do not bear CUL label.

EMR LUMINAIRES: A 7.5'/2.29m, 12 wire, quick disconnect assembly is provided for wiring through conduit (by others) to a B84CG fluorescent emergency battery pack. The fluorescent emergency battery pack MUST be supplied by Gardco. The B84CG option is required to be on the order to the factory.

In the event of power interruption, the remote emergency battery pack (B84CG) will power one (1) 42w, one (1) 32w or one (1) 26w compact fluorescent lamp at reduced light levels for a minimum of 90 minutes.

Maintenance-free battery is rated for ambient temperatures down to 32°F/0°C. Minimum luminaire starting temperature is 0°F/-18°C. Indicator light is visible through the lens. A test switch is accessible through the door assembly. NOTE: B84CG does not bear CUL label.

LAMPHOLDER: Pulse-rated medium base sockets are glazed porcelain with nickel-plated screw shell. Fluorescent sockets are high temperature PBT with brass contacts.

FINISH: Each standard color luminaire receives a fade- and abrasion-resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. Standard colors are as listed. Consult factory for specifications on custom colors.

LABELS: All luminaires bear UL/CUL wet location labels, except as noted. Lens down application is Wet Location and lens up is Damp Location.

FULL CUTOFF PERFORMANCE: Full cutoff performance means a luminaire distribution where zero candela intensity occurs at an angle of 90° above nadir. Additionally, the candela per 1000 lamp lumens does not numerically exceed 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire. CUTOFF PERFORMANCE: Cutoff performance means a luminaire distribution where the candela per 1000 lamp lumens does not numerically exceed 25 (25 percent) at an angle at or above 90° above nadir, and 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.

DIMENSIONS







Note: Mounting plate center is located in the center of the luminaire width and 3.5" (8.89cm) above the luminaire bottom (lens down position). Splices must be made in the J-box (by others). Mounting plate must be secured by max. 5/16" (.79cm) diameter bolts (by others) structurally to the wall.

Form Ten Square





Form Ten Round



Gaskins





Gardco Lighting is a Philips group brand

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