

Vapor Tight Luminaire C

Project: _____ Location: _____ Type: _____

Model Number: _____ Qty: _____ Notes: _____ Date: _____



Overview

Light source	LED
Watts (W)	25w, 40w, 60w, 80w
Voltage	120V-480V
Lumen output (LM)	3250LM, 5200LM, 7800LM, 10400LM, 13000lm
Efficiency (LM/W)	130LM/W
Color temperature (K)	3000K, 3500K, 4000K, 4500K, 5000K
CRI	80CRI

GLI-VTLC

Vapor Tight Luminaire C

The GOLite Vapor Tight Luminaire C is designed to excel in both indoor and outdoor environments, such as hallways, parkades, stairwells, and service areas. With the optional sensor, it provides smart control, allowing for dimming and shutdown based on occupancy, timing, and ambient light conditions. This not only ensures optimal illumination but also delivers significant energy savings while prioritizing safety.

Features and Specifications

- Heavy-duty polycarbonate housing: Lightweight and corrosion-resistant
- Impact-resistant and flame-retardant polycarbonate lens available in clear and milky options
- Available in 2ft, 4ft, 8ft
- Suitable for both surface and pendant installation
- Installation is quick and straightforward
- Drivers available for a wide range of supply voltages: 120/277V, 347V, 120-347V, 480V, 347-480V
- Industry-leading driver efficiency of 130LM/W
- Offers 0-10V dimming or standard TRIAC dimming
- Optional selectable wattage drivers
- Optional occupancy sensor
- Optional emergency battery backup for added security
 - * 8W battery provides 1040LM for a minimum of 1.5h
 - * Indicator LED shows status of emergency system
 - * Test switch
 - * 24h recharge time
 - * Complies with Canadian emergency lighting standards
- Operates effectively within a wide temperature range, from -40°C~+85°C. Ideal for cold storage environments

Certifications

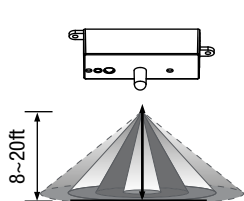
- cULus Listed
- Wet location rated
- IP65 rated
- CSA C22.2 NO.141 and UL924 compliant emergency system
- NSF/ANSI listed

Warranty

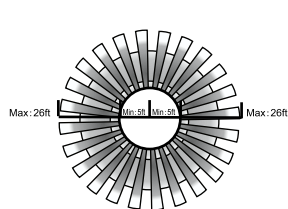
- 5 years warranty
- Estimated lifespan of over 50 000 hours

LOW VOLTAGE MICROWAVE DC BI-LEVEL SENSOR

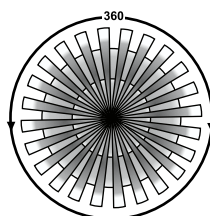
Power Supply	12V-24V DC
HF System	5.8GHz+/- 75MHz
Dim control output	0-1 0V, max. 25mA sinking current
Detection radius/angle	Max 26ft.(8m)/360°
Mounting height	Max 20ft
Remote range	50ft. (15m) indoor, without light interference
Humidity	Max. 95% RH
Temperature	-40°F ~ 185°F (-40°C ~ +85°C)



Height of installation 8~20ft



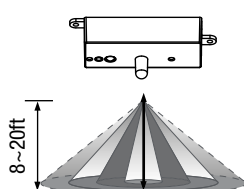
Detection range when installed at 8ft



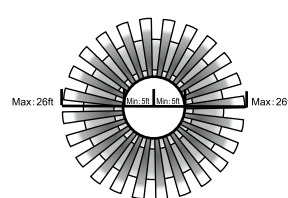
Detection angle

LINE VOLTAGE VOLTAGE MICROWAVE AC BI-LEVEL SENSOR

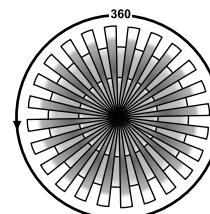
Power supply	120/277VAC 50/60Hz
Maximum load @ -40°F - +158°F (-40° C - + 70° C)	Resistive/Tungsten - 600W@120V Electronic Ballast (LED) - 800VA@120V/1200VA@277V
HF System	5.8GHz CW
Dim control output	0-10V, max. 25mA sinking current
Detection radius/angle	Max. 26ft.(8m) /360 °
Mounting height	Max. 20ft
Humidity	Max. 95% RH
Temperature	-40°F ~ 185°F (-40°C ~ +85°C)



Height of installation 8~20ft



Detection range when installed at 8ft



Detection angle

SENSOR OPTIONS AC AND DC

1. Detection Range

The detection range can be adjusted to precisely match each application's requirements.

- I: 20%
- II: 50%
- III: 75%
- IV: 100%



Detection range

20% / 50% / 75% / 100%



Hold-time

10S / 1min / 5min / 15min

2. Hold Time

Refers to the duration the lamp remains at 100% illumination after detecting no motion.

- I: 10s
- II: 1min
- III: 5min
- IV: 15min



Daylight sensor

Disable / 10lux / 30lux / 50lux

3. Daylight Sensor

The sensor can be configured to allow the lamp to illuminate only when ambient brightness falls below a specified threshold.

- I: Disable
- II: 10lux
- III: 30lux
- IV: 50lux

* In "Disable" mode, the daylight sensor activates the lamp upon motion detection, regardless of ambient light levels.



Stand-by dimming level

10% / 20% / 30% / 50%



Stand-by period

+∞ / 1min / 30min / 60min

4. Stand-by Dimming level

This represents the predetermined dimming level that will be active after the hold time during prolonged periods without motion.

- I: 10%
- II: 20%
- III: 30%
- IV: 50%

5. Stand-by Period

This term refers to the duration during which the lamp maintains a predefined dimming level before turning off completely due to the absence of motion detection.

- I: +∞
- II: 1min
- III: 30min
- IV: 60min

SPECIFICATIONS

CODE	WATTAGE	LUMENS	LUMENS/WATT	CCT	DIMENSIONS (in)	RATED LIFETIME
GLI-VTLC-25	25W/20W/15W	3250LM	130LM/W	30K\35K\40K\45K\50K	23 ^{1/4} L/4 ^{7/8} W/3 ^{5/8} H	50 000 hours
GLI-VTLC-40	40W/30W/20W	5200LM	130LM/W		47 ^{1/4} L/4 ^{7/8} W/3 ^{5/8} H	50 000 hours
GLI-VTLC-60	60W/50W/40W	7800LM	130LM/W		47 ^{1/4} L/4 ^{7/8} W/3 ^{5/8} H	50 000 hours
GLI-VTLC-80	80W/70W/60W	10400LM	130LM/W		94 ^{1/2} L/4 ^{7/8} W/4H	50 000 hours
GLI-VTLC-100	100W/90W/80W	13000LM	130LM/W		94 ^{1/2} L/4 ^{7/8} W/4H	50 000 hours

ORDERING GUIDE

SERIES	WATTAGE/LENGTH	OUTPUT	VOLTAGE	CCT	LENS
GLI-VTLC					
	25 - 25W 2ft	FW - Fixed wattage	V1 - 120/277V	30K - 3000K	ML - Milky lens
	40 - 40W 4ft	SW - Selectable wattage	V2 - 347V	35K - 3500K	CL - Clear lens
	60 - 60W 4ft		V3 - 120-347V	40K - 4000K	NL - No lens
	80 - 80W 8ft		V4 - 480V	45K - 4500K	
	100 - 100W 8ft		V5 - 347-480V	50K - 5000K	
MOUNTING	DIMMING	SENSOR	EMERGENCY	OPTIONS	
				APPEND REQUIRED CODES	
CS - Cable suspension	TR - TRIAC dimming	OD - DC bi-level occupancy sensor (compatible with all input voltages)	NE - No backup	WG - Lens wire guard	
SM - Surface	DM - 0-10V	OA - AC bi-level occupancy sensor (compatible with up to 277V input voltages)	BB - Battery backup 8W 1040LM		
		NS - No sensor			