



COASTAL TURTLE FRIENDLY LED LIGHTING



Z ZLEDTM
LIGHTING
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OUR PRODUCTS

LED CORN LAMPS

Applications: Beach front open + enclosed fixtures

12W

- **Color Temp:** Amber
- **Input Voltage:** 100-277V
- **Dimensions:** 2.36" x 4.92"
- **Base:** E26
- **Wavelength:** 585 nanometers
- **Part #:** C-E26-IP64-12-AMBER-TURTLE-MINI



15W

- **Color Temp:** Amber
- **Input Voltage:** 100-277V
- **Dimensions:** 2.52" x 5.91"
- **Base:** E26
- **Wavelength:** 585 nanometers
- **Part #:** C-E26-IP64-15-585NM-TURTLE-MINI



25W

- **Color Temp:** Amber
- **Input Voltage:** 100-277V
- **Dimensions:** 2.52" x 5.91"
- **Base:** E26
- **Wavelength:** 585 nanometers
- **Part #:** C-E26-IP64-25-585NM-NC-TURTLE-MINI



85W

- **Wattages:** 85/65/50/40/30W Selectable
- **Color Temp:** Amber
- **Input Voltage:** 100-277VAC
- **Dimensions:** 4.17" x 6.89" (EX39)
- **Base:** E26, EX39
- **Wavelength:** 585 nanometers
- **Part #:** C-E26-85/65/50/40W-585NM-NC-STUB-D-2
C-EX39-85/65/50/40W-585NM-NC-STUB-D-2



LED CORN LAMPS - HIGH EFFICIENCY

60W

- **Wattages:** 60/50/40/30W Selectable
- **Color Temp:** Amber
- **Input Voltage:** 100-277V
- **Dimensions:** E26: 4.17" x 7.78"
EX39: 4.17" x 8.27"
- **Base:** E26, E39
- **Wavelength:** 585 nanometers
- **Part #:** C-E26-60/50/40/30W-NC-TURTLE-HE
C-EX39-60/50/40/30W-NC-TURTLE-HE



100W

- **Wattages:** 100/80/60/50W Selectable
- **Color Temp:** Amber
- **Input Voltage:** 100-277V
- **Dimensions:** E26: 4.17" x 9.84"
EX39: 4.17" x 10.24"
- **Base:** E26, E39
- **Wavelength:** 585 nanometers
- **Part #:** C-EX39-100/80/60/50W-NC-TURTLE-HE



OUR PRODUCTS

DIRECTIONAL LED CORN LAMPS

Applications: Post top retrofit

WATTAGE	COLOR TEMP	INPUT VOLTAGE	DIMENSIONS	BASE	WAVELENGTH	PART NUMBER
15W	Amber	100-277V	3.7" x 1"	E26	585 nanometers	C-E26-CL-15W-585NM-NC-DIRECTIONAL
20W	Amber	100-277V	3.7" x 1"	E26	585 nanometers	C-E26-CL-20W-585NM-NC-DIRECTIONAL
30W	Amber	100-277V	3.7" x 1"	E26	585 nanometers	C-E26-CL-30W-585NM-NC-DIRECTIONAL
40W	Amber	100-277V	3.7" x 8.26"	E26	585 nanometers	C-E26-CL-40W-585NM-NC-DIRECTIONAL
60W	Amber	100-277V	3.7" x 8.50"	E26	585 nanometers	C-E26-CL-60W-585NM-NC-DIRECTIONAL



LED panels can be adjusted to a variety of angles.

PL LAMPS

6W + 8W

- **Color Temp:** Amber
- **Input Voltage:** 100-277V
- **Dimensions:** 4.92" x 1.57"
- **Base:** E26, G24, GX24, B22, G23, GX23
- **Wavelength:** 585 nanometers
- **Part #:** PL-E26-6W-585NM-NC-7R
PL-E26-8W-585NM-NC-7R



10W + 12W

- **Color Temp:** Amber
- **Input Voltage:** 100-277V
- **Dimensions:** 6.88" x 1.57"
- **Base:** E26, G24, GX24, B22, G23, GX23
- **Wavelength:** 585 nanometers
- **Part #:** PL-E26-10W-585NM-NC-7R
PL-E26-12W-585NM-NC-7R



OUR PRODUCTS

MAGNILUMEN PLUS AMBER RETROFITS FOR LINEAR FIXTURES

Applications: Garages, parking lots, outdoor docks, and pool structures

RETROFIT KITS FOR FIXTURES



Our Amber Magnilumen Plus boards are great retrofits for fixtures in garages, parking lots, outdoor docks and decks, pool structures, and more. They are available in 2 and 4 foot lengths to accommodate almost any retrofit project for turtle safety.

- **Max Wattage Per Board:** 2 foot: 15W / 4 foot: 30W
- **Color Temp:** Amber
- **Input Voltage:** 100-277V
- **Dimensions:** 2 feet (21"); 4 feet (43")
- **Wavelength:** 585-590 nanometers
- **Part Number:** 2 ft: MRK-LED-BAR-2FT-AMBER-PLUS-585-NM
4 ft: MRK-LED-BAR-4FT-AMBER-PLUS-585-NM

VAPOR TIGHT FIXTURE WITH AMBER MAGNILUMEN PLUS BOARDS



We're making this retrofit easy for you! Our Vapor Tight Kit comes complete and ready for immediate installation. Kits include vapor tight fixture, amber boards, and a driver ready in your choice of a 2 or 4 foot length.

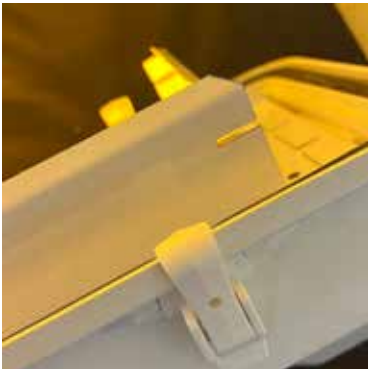


OPTIONS AVAILABLE:

- Emergency Kit
- Motion Sensor

KIT	KIT INCLUDES	PART NUMBER
2 foot	2 foot vapor tight fixture Two amber boards Driver	ZL-CIT2-LED-2FT-AMBER-585
4 foot	4 foot vapor tight fixture Two amber boards Driver	ZL-CIT2-LED-4FT-AMBER-585

OPTIONAL SHIELD FOR BEACH-FACING VAPOR TIGHT FIXTURES



- **Part Number:** ZL-2FT-Vapor-Bracket



Three-sided shield directs light downward and away from beach.

NOTE: Color of lighting may appear differently in photos.

FWC Sea Turtle Lighting Guidelines

The Florida Fish and Wildlife Conservation Commission (FWC) is one of the leading organizations leading the charge to protect the Sea Turtles. Go to www.myfwc.com for more information. FWC recommends to beachfront residential and commercial buildings follow **three simple golden rules**:

1. LOW

2. SHIELDED

3. LONG

KEEP IT LOW:

- Fixtures must be mounted as low as possible to achieve required light levels.
- Lamps must produce the lowest wattage/lumens necessary for the needed purpose.

KEEP IT SHIELDED:

- Fixtures must be completely downward directed.
- Fixtures must shield the lamp from the beach.

KEEP IT LONG:

- Lamps must produce only long wavelength light (560 nm or greater with is amber, orange or red).

What is Recommended

ACCEPTABLE FIXTURES

All exterior lights proposed for the seaward or shore side of a structure, should be well-shielded, full cut-off, downward direction fixtures with a long-wavelength light source (wavelength reading of 560 nanometers (nm) or higher.

ACCEPTABLE LAMPS

All fixtures visible from the beach should have a long wavelength lamp – a bulb that looks amber or red because it only produces light with wavelengths of 560 nm or higher. While light can disorient nesting sea turtles and their hatchlings, leading them away from the water. True red, orange or amber LEDs are a great source of light.



MARINA



WALKWAY

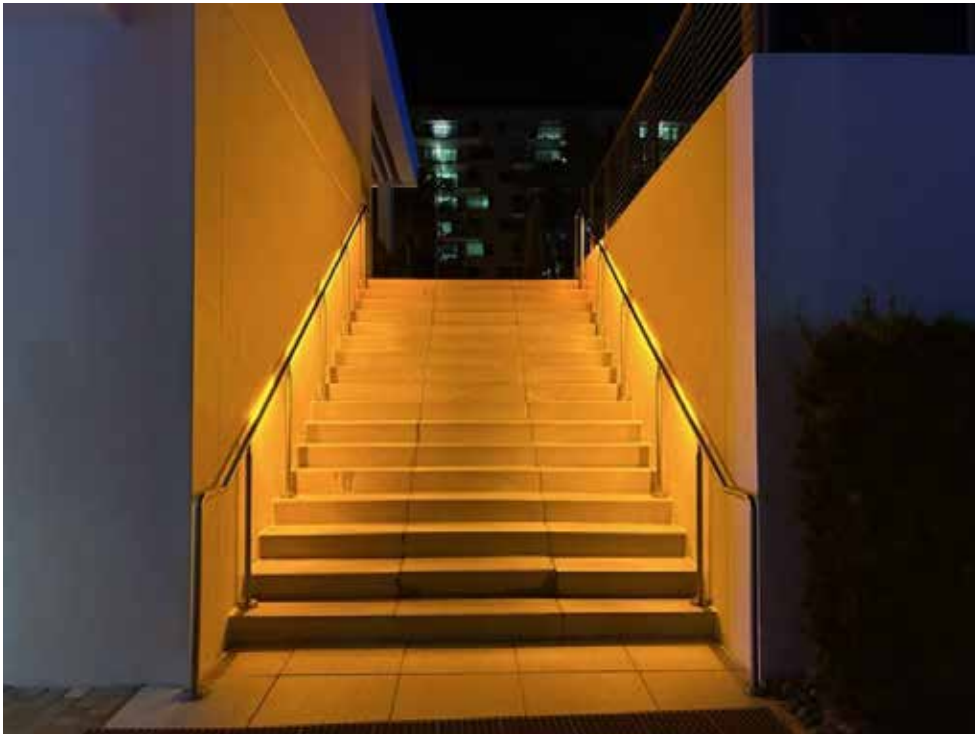


RESTAURANT / RETAIL



RESIDENTIAL

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