

# TURTLE FRIENDLY

Coastal Protection Lighting Collection

4" & 6"  
RETROFIT  
MODELS NOW  
AVAILABLE



TURTLE FRIENDLY  
**RAZOR-R**

TURTLE FRIENDLY  
**RIDGE**

## PROTECTING NESTING TURTLES

Every year, millions of sea turtles appear on our coasts to mate and lay their eggs. Exterior lighting can scare them and keep them away from the coast, ultimately preventing them from

reproducing. Increasingly, coastal territories have introduced environmental legislation to help reduce the human impact of lighting on local fauna in beach areas. A low lumen output

combined with a long wavelength amber-colored LED light, such as NDR Lighting's new Turtle Friendly Collection will allow sea turtles to safely access beaches for reproduction.

4" • 6" | 1400K • 1500K | 150 • 355 | ●  
SIZE | AMBER LIGHT | LUMENS | FINISH

## TURTLE FRIENDLY • FEATURES

- Wet locations
- Dimmable
- IC rated
- Airtight rated
- ETL Intertek



## HEIGHT

Low mounted fixtures provide more light directly on the ground where it is needed for human safety. This also reduces the potential of the light source or lamp from being directly visible.

## LONG WAVELENGTH

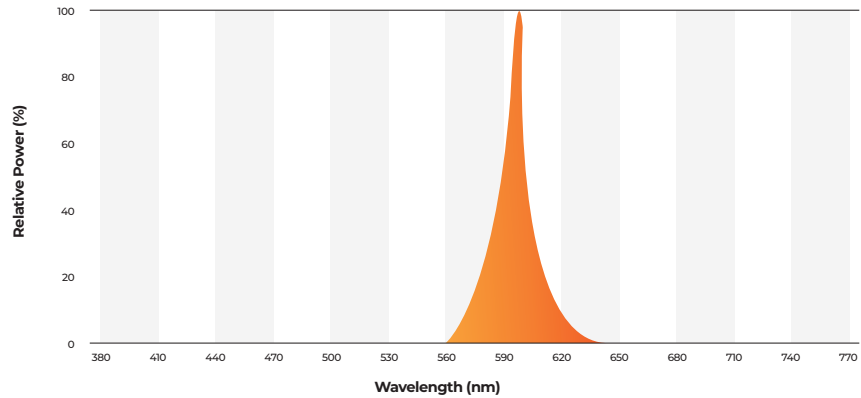
By using a long wavelength, our Turtle-Friendly Coastal Protection Downlights are less disruptive to marine turtles than white or multi-colored lights, making them the perfect solution for coastal installations.

## SHIELDED

Coastal fixtures must meet or exceed full cutoff to meet Wildlife Lighting Criteria. For lights installed on higher floors, use our shield accessory to make sure your installation meets coastal regulation.

**The entire  
NDR Lighting's  
Turtle Friendly  
Collection meets  
Wildlife Lighting  
Criteria.**

## Spectral Distribution Chart



## Full Cut Off Luminous Intensity (cd) Distribution Data

C	0°	22.5°	45°	67.5°	90°
0.0	62.3	62.3	62.3	62.3	62.3
5.0	61.8	61.9	62.1	62.0	62.0
10	61.0	61.0	61.2	61.1	61.1
15	59.5	59.4	59.8	59.6	59.7
20	57.4	57.5	57.6	57.6	57.7
25	54.9	54.9	55.0	55.0	55.2
30	51.8	51.9	51.9	52.0	55.2
35	48.4	48.3	48.5	48.5	48.9
40	44.6	44.4	44.6	44.5	45.0
45	40.2	40.2	40.3	40.3	40.7
50	35.5	35.3	35.6	35.7	36.0
55	30.4	30.3	30.6	30.7	31.1
60	25.2	25.2	25.3	25.6	25.8
65	19.7	19.8	19.9	20.1	20.4
70	14.0	14.0	14.2	14.4	14.7
75	7.8	8.0	8.3	8.5	8.7
80	2.0	2.2	2.5	2.6	2.8
85	0.1	0.1	0.1	0.2	0.2
90	0.0	0.0	0.0	0.0	0.0

## TURTLE FRIENDLY • SPECS

Model	Size	Light output	Voltage	Wattage	Color temperature	lm/W	Lifetime	Finish	Limited warranty	
RID-446-WH	4"	265 LM	12 W	120 V	1500K	22	50,000 h	white	5 years	
RID-646-WH	6"	355 LM	14 W	120 V	1500K	25	50,000 h	white	5 years	
RZR-441-WH	4"	150 LM	10 W	120 V	1400K	15	50,000 h	white	5 years	
RZR-641-WH	6"	250 LM	12 W	120 V	1400K	21	50,000 h	white	5 years	
RZR-RETTL-444-WH	4"	150 LM	7 W	120 V	1400K	21	50,000 h	white	5 years	
RZR-RETTL-644-WH	6"	250 LM	13 W	120 V	1400K	19	50,000 h	white	5 years	
TTL-SHIELD-4W	4"	Optional shield accessory for RID-446-WH or RZR-446-WH							white	
TTL-SHIELD-6W	6"	Optional shield accessory for RID-646-WH or RZR-646-WH							white	