

TURTLE FRIENDLY RZR-RETTL-644-WH

6" Retrofit Turtle Friendly Downlight

SPECIFICATION SHEET



SPECIFICATIONS



Light Unit

Aluminum Die cast with powder paint coat preventing discoloring and rusting. Shielded lens regressed by 0.5" to provide full cutoff at 90-degree plane.

Optics

Back-lit LED, long wavelength, amber & low lumen output, polycarbonate diffused lens for a smooth and even light. The regressed design offers an anti-glare feature.

Electrical & Phase Control

Easily connected to a 120V power supply via provided E26 medium base socket adaptor. Dimming down to 10% with most standard LED dimmers (see list of approved dimmers). Ambient operating temperature: -40°C (-40°F) to +40° (+104°F). IC, WET Location and AIR-TIGHT rated. Phase Control: Forward Phase. Certifications: This product is ETL listed in USA & Canada, certified to UL standard 1598 and CSA standard C22.2 No. 250.0-08.

Wiring

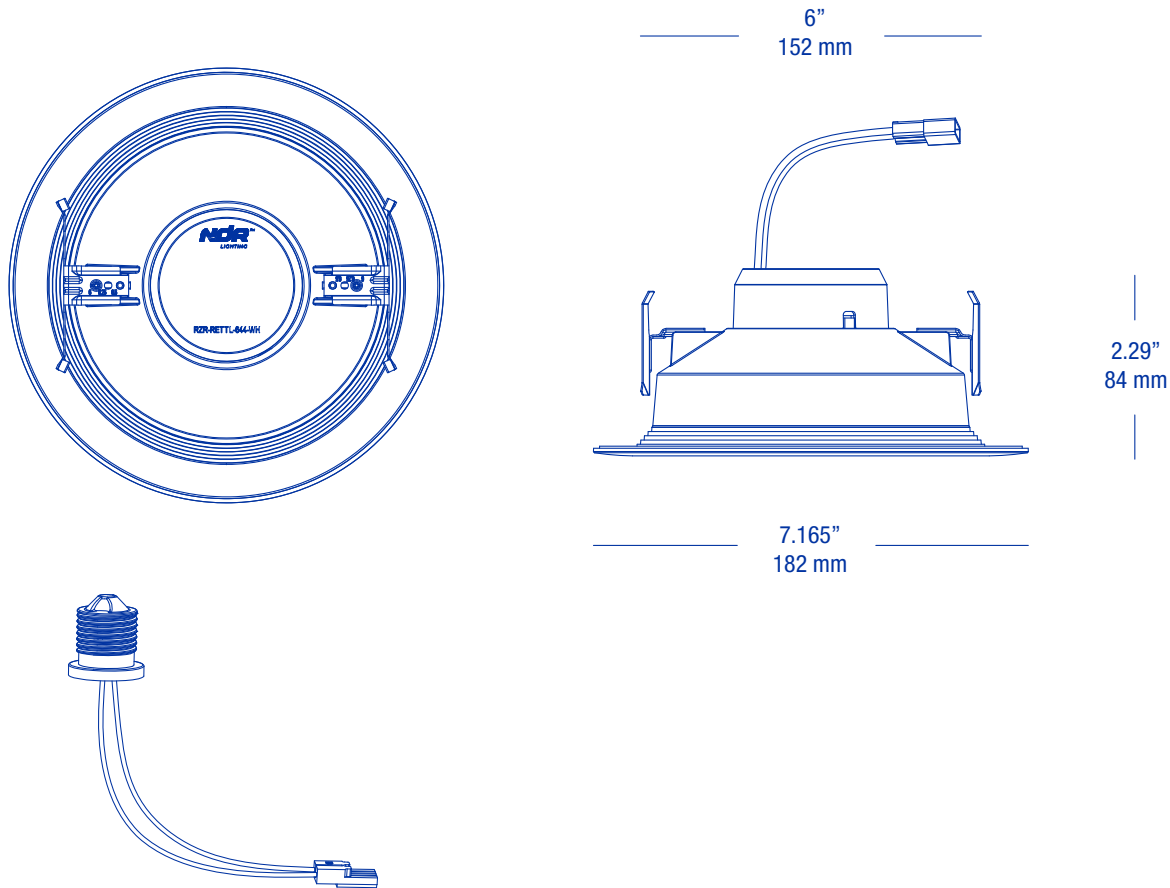
12" wire lead with connectors and E26 medium base socket adaptor.

Installation

Ideal for renovation work where the 6" traditional recessed housings are already installed. Medium Base or GU10 socket adaptor with 12" wire lead connects the integrated LED fixture directly to the socket (no additional wiring required). Pressure-fit Spring steel clips to hold in most 6"-6.5" housings.

Color temperature	1400K Amber LED
Lumen output	250 lumens
Shielded lens	0.5" regressed
Full cutoff	0 cd @ 90°
Wavelength	>560 nm, (peak = 595nm) narrow band
Dimmable	Yes
LED life	50,000 hours
Warranty	5 years

DIMENSIONS



APPLICATIONS

Perfect for residential and commercial buildings along the coastline where light pollution is restricted, the RZR-RETTL-444 is designed to make it convenient for use when the installation plan requires a mixture of old cans and new holes to be cut. The long wavelength (>560nm; peak = 595nm), low lumen, amber LED provides a smooth and warm light that will not disturb the local fauna and adheres to the most recent environmental requirements. Fits and holds in most 6"-6.5" housings.

RATINGS & CERTIFICATIONS



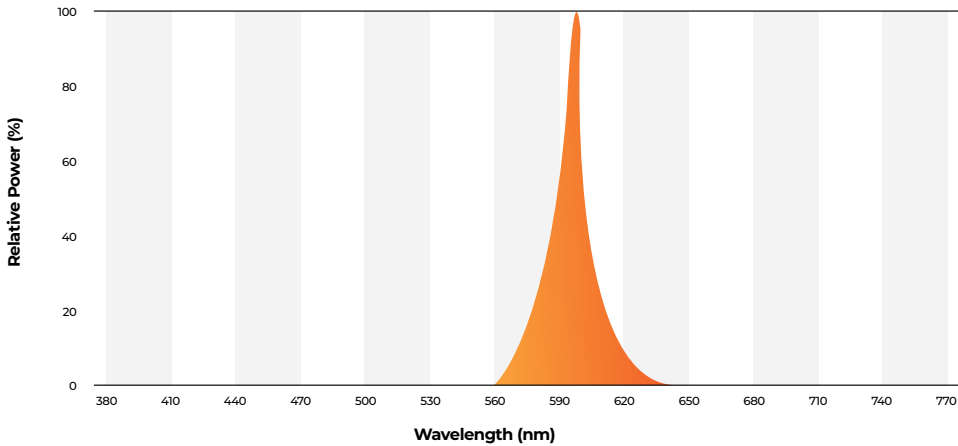
ORDERING GUIDE

Series	Color Temperature	Wavelength	Wattage	Finish
RZR-RETTL-644	1400K	>560 nm; peak = 595 nm	12W	WH White

Note: Configure product using **BOLD** options. Ex.: **RZR-RETTL-644-WH**

SPECTRAL DISTRIBUTION

Spectral Distribution Chart



Full Cut Off Luminous Intensity (cd) Distribution Data

C	0°	22.5°	45°	67.5°	90°
0.0	89.1	89.1	89.1	89.1	89.1
5.0	88.5	88.7	88.5	88.9	88.4
10	87.3	87.3	87.1	87.5	87.1
15	85.0	85.0	85.1	85.2	85.0
20	82.2	82.1	82.2	82.6	82.1
25	78.3	78.7	78.4	78.9	78.5
30	74.0	74.2	74.5	74.6	74.3
35	69.1	69.3	69.5	69.9	69.3
40	63.5	63.9	64.0	64.1	63.9
45	57.5	57.9	57.9	58.4	58.1
50	51.0	51.4	51.6	51.7	51.7
55	44.2	44.8	44.9	45.1	44.9
60	37.2	37.5	37.7	38.0	37.7
65	30.0	30.3	30.6	30.7	30.5
70	22.8	23.0	23.1	23.1	23.2
75	15.1	15.3	15.3	15.4	15.6
80	6.8	6.8	6.7	6.9	7.0
85	0.2	0.2	0.2	0.2	0.2
90	0.0	0.0	0.0	0.0	0.0

ACCESSORIES



Shield

White powder coated steel shield provides an additional 6" visor to be used with the 6" Turtle Friendly Razor or Ridge models. Easily installed between the fixture and the ceiling surface. Designed for easy rotation to block the visible light from the area facing the coast line. Great for higher elevations where the regressed lens is not sufficient to block the visible light from the restricted area.