NDRLIGHTING.COM

RAZORCORE
Recessed LED Downlight

RZR-401

SPECIFICATION SHEET

SPECIFICATIONS

TITLE 24 COMPLIANT JA8-2022

CCT 5 TCC

Light Unit
High-quality polycarbonate trim for a refined, lightweight, and durable finish. A steel backplate and heat sink for effective heat dissipation.

Optics
Edge-lit LED technology uses a light-guided plate to distribute light. A polycarbonate lens is used to provide even illumination throughout the installation.

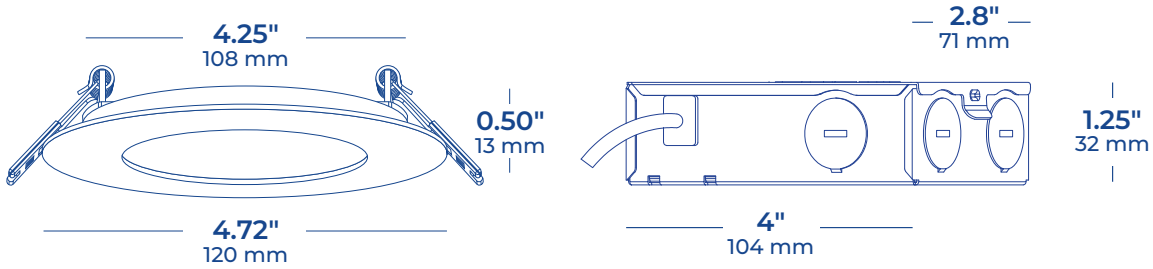
Electrical & Phase Control
Easily connected to a 120V power supply via provided UL recognized driver. Dimming down to 10% with most standard LED dimmers (see list of approved dimmers). Ambient operating temperature: -20°C (-4°F) to +40°C (+104°F). IC, WET Location and AIR-TIGHT rated. Phase Control: TRIAC, Forward and Reverse Phase. Certifications: This product is ETL listed in USA & Canada, certified to UL standard 1598 and CSA standard C22.2 No. 250.0-08.

Junction Box
Galvanneal junction box, with 5CCT color temperature selector switch and knockouts located at the end and 2 sides. Wiring compartment allows for (8) 12 gauge (AWG) or (10) 14 gauge (AWG) insulated conductors. Connection to one (1) downstream unit is permitted within the junction box compartment. The compartment satisfies junction box volume requirements of CSA C22.2 No. 250.0/UL 1598.

Installation
Ideal for shallow ceiling installations with no housing required. Steel spring clip for easy installation and suitable in t-grid and drop ceiling applications.

Selectable color temperature	**27K/3K/35K/4K/5K**
Lumen output	**740 lumens**
Beam angle	**107°**
CRI	**90+**
Wattage	**9 watts**
Dimmable	**Yes**
Cutting hole	**4.25” (108mm)**
Mounting plate	**MP425 AMP425-L MPHB425-600**
Wire cable	**FT1 rated**
LED life	**50,000 hours**
Warranty	**5 years**
Driver voltage	**120 V**

DIMENSIONS



APPLICATIONS

The Razor Core Series offers a high-quality polycarbonate trim for a refined, lightweight, and durable finish and features five (5) color temperatures: 27K, 3K, 35K, 4K & 5K to select from. The fixtures are IC and AIR-TIGHT rated allowing for installation in almost any location, even directly under a ceiling joist. Whether it is a Remodel or New Construction installation, these units are well suited for indoor / outdoor residential, hospitality, commercial and multifamily applications.

RATINGS & CERTIFICATIONS

Intertek · ENERGY STAR · **Dimmable** · **Wet locations rated** · **Airtight rated** · **IC rated** · TITLE 24 COMPLIANT JA8-2022

ORDERING GUIDE

Series	Color Temperature	CRI	Wattage	Finish
RZR-401	2700K/3000K/3500K/4000K/5000K	90+	9W	**WH** White

Note: Configure product using **BOLD** options. Ex.: **RZR-401-WH**

ACCESSORIES

Mounting plate
Versatile square mounting plate allows for installation of all models of ndr lighting recessed lighting products. Refer to our mounting plate compatibility chart to ensure the proper mounting plate is selected.

Adjustable mounting plate
Versatile adjustable mounting plate allows for installation of all models of NDR Lighting recessed lighting products. Refer to our mounting plate compatibility chart to ensure the proper mounting plate is selected.

Universal mounting plate with adustable hanger bars
This multi-size adjustable mounting plate allows for installation of all models of NDR Lighting recessed lighting products. Refer to our mounting plate compatibility chart to ensure the proper mounting plate is selected.

Vapour barrier
This vapour barrier unit may be used with all NDR Lighting recessed lighting products. it is designed to prevent air leakage from your living space into the attic, or any insulated spaces.

Remodel vapour barrier
The remodel vapour barrier unit may be used with all NDR Lighting remodel housings. it is designed to prevent air leakage from your living space into the attic, or any insulated spaces.

Razor cables
These connecting cables are for use with the NDR Lighting Razor Series. These cables allow for greater flexibility in designing custom layout needs.

Goof rings
This goof ring is used when the ceiling hole is wider than the retrofit light unit being installed. Refer to our goof ring compatibility chart to ensure the proper goof ring is selected.