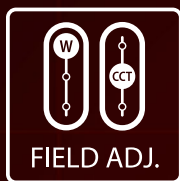**RAB®**

ND22

FIELD ADJ.

ADJUSTABLE OPTICS

A commercial downlight that adapts to you.

The modular, field-adjustable N22.

Why ND22?

In modern commercial lighting, every project poses unique challenges: diverse ceiling configurations, distinct aesthetic visions, unpredictable site changes, and endless SKU permutations. The most effective solutions empower contractors, specifiers, and designers with flexibility.

ND22 was created to embrace those challenges. A modular engine, multiple levels of field-adjustability, and universal trims let you specify once and adapt on site. One system for all projects, from new builds to retrofits.

• Reduces SKU sprawl and simplifies logistics
• Embraces last-minute changes without reorders
• Facilitates design consistency across projects
• Delivers spec-grade quality with modular ease

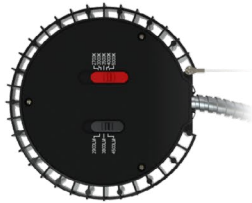

2700K
3000K
3500K
4000K
5000K
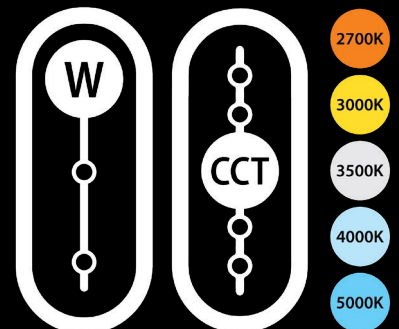
Build it your way.

Switch beam, swap trim—all with a single engine. The easy, twist-lock mechanism makes it easy to customize both the look and output of the ND22.
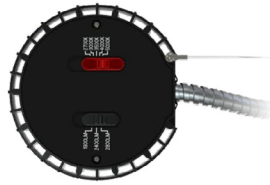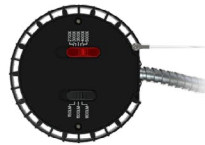
1. Select your LED Module

up to 4,700lm
50W

up to 2,900lm
30W

up to 1,900lm
20W

up to 1,000lm
12W

2. Choose your trim

SIZE:

3"

4"
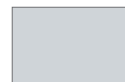
6"

8"

10"

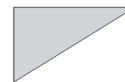**SHAPE:**
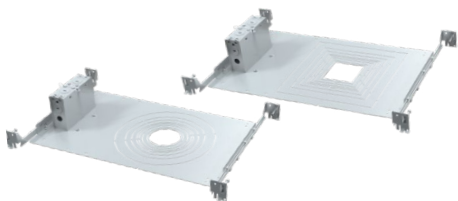
ROUND

WALL WASH

SQUARE

FINISH:
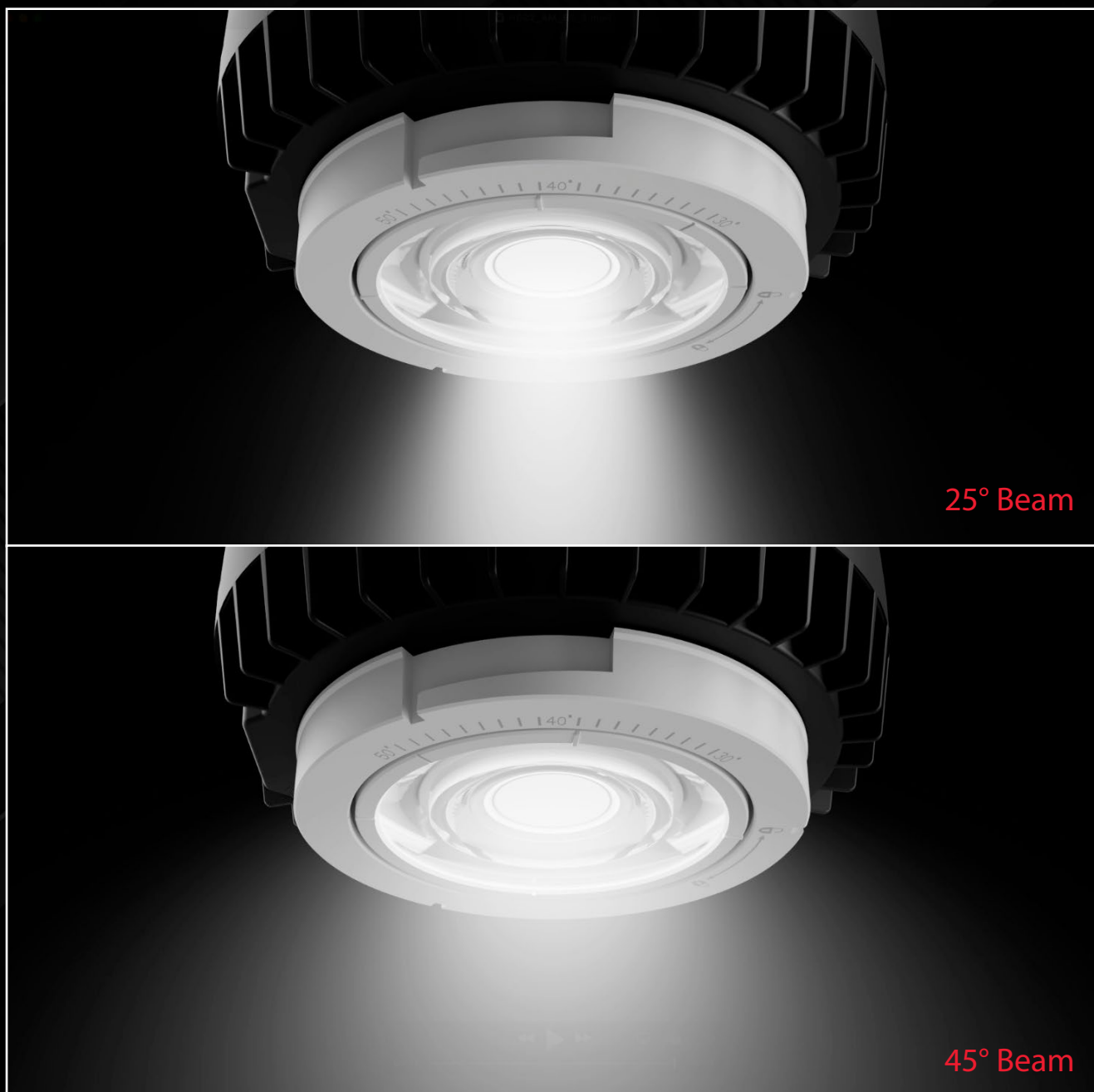
WHITE

HAZE

HAZE + WHITE

BLACK

3. Add Options

NEW CONSTRUCTION MOUNTING FRAMES

Lightcloud

LIGHTCLOUD BLUE WIRELESS LIGHTING CONTROL

EMERGENCY BATTERY BACKUP

25° Beam

45° Beam

High-end performance and control.

The ND22 family delivers consistent, spec-grade lighting with a high 90+ CRI that ensures color fidelity in display or retail environments. Fine beam tuning helps reduce waste light and enhances visual contrast.

Module	Selectable Wattage	Output	Efficacy	Selectable CCT	Adjustable Beam Angle
12	12/9/7W	Up to 1,000lm	~85lm/W	2700/3000/3500/4000/5000K	25-45°
20	20/16/12W	Up to 1,900lm	~95lm/W	2700/3000/3500/4000/5000K	25-45°
30	30/24/18W	Up to 2,900lm	~105lm/W	2700/3000/3500/4000/5000K	25-45°
50	50/40/30W	Up to 4,700lm	~87lm/W	2700/3000/3500/4000/5000K	30-50°

Put a trim on it.

Each ND22 trim is interchangeable, so one module = multiple aesthetic and distribution options that can be swapped in minutes. Their deep, regressed designs provide superior cutoff and a clean look with minimal visual intrusion.

WHITE   HAZE   HAZE + WHITE   BLACK

Module	Reflector Size	Round		Square
		Open	Wall Wash	Open
12W	3"	●	●	●
	4"	●	●	●
	6"	●	●	●
20W & 30W	4"	●	—	●
	6"	●	●	●
	8"	●	●	●
	10"	●	—	—
50W	6"	●	●	●
	8"	●	●	●
	10"	●	—	—

Installation flexibility.

Built with a universal 120–277V driver, the ND22 is compatible with both TRIAC/ELV and 0–10V dimmers *(down to 10%)* and a battery backup is available for emergency lighting compliance. It also integrates seamlessly with the Lightcloud Blue control ecosystem via our low-voltage LCBAUX Controller for sitewide wireless management.

New Construction	**Remodel**	**Retrofit**
Install into optional mounting frame with nailer bars.	Install into existing ceiling *(no housing required)*.	Install into existing downlight housing.
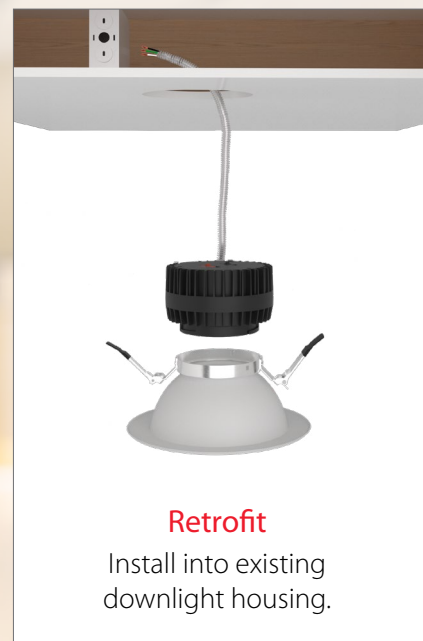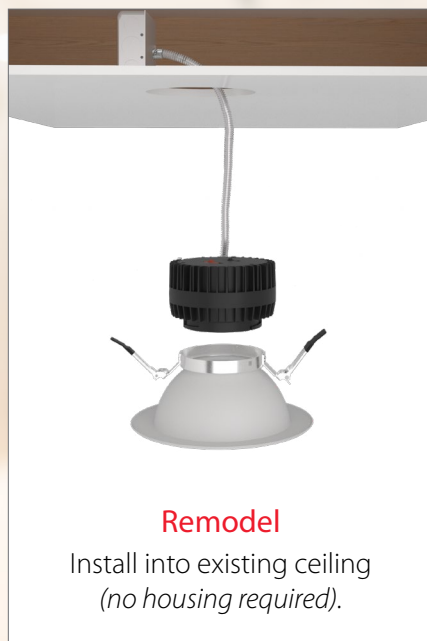
The whole kit and caboodle.

When you're looking for an out-of-the-box solution, ND22 is available in kits that include both a module and a round, white trim!

LED Modules	Catalog Number	Description
	ND22-12-3RW	12W Module with 3" Round White Trim
	ND22-12-4HRW	20W Module with 4" Round White Trim
	ND22-30-6HRW	30W Module with 6" Round White Trim
	ND22-50-8RW	50W Module with 8" Round White Trim

Dimensions
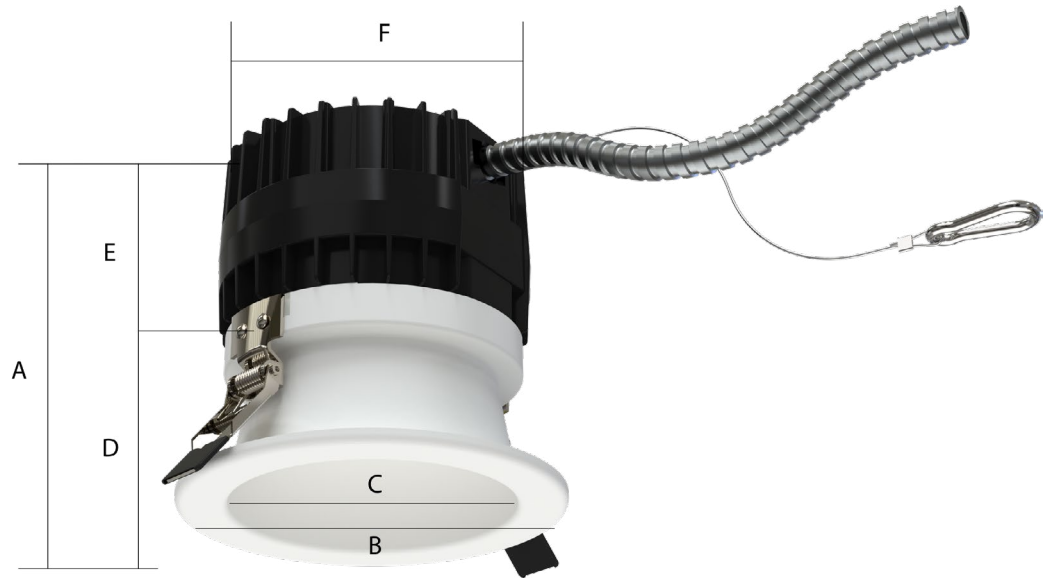
LED Module	Trim Size	Fixture Height	Outer Diameter	Inner Diameter	Reflector Depth	Module Height	Module Diameter	Hole Cut Out
		A	B	C	D	E	F	G
12W	3" round	5 1/16"	4 1/4"	3 1/16"	1 1/2"	3 9/16"	3 5/16"	3 7/16"
20W	4" round	5 3/8"	5 1/2"	4 1/16"	2"	3 7/16"	3 9/16"	3 15/16"
30W	6" round	6"	7 1/16"	5 1/4"	2 9/16"	3 7/16"	4 9/16"	6 5/16"
50W	8" round	6 7/16"	9 1/16"	7 1/16"	3 1/16"	3 6/16"	5 11/16"	7 1/2"

Ordering Matrices

MODULES

Product Family	Wattage†	Color Temp/CRI	Distribution	Driver
ND22 –				
	12 7/9/12W	**Blank** 2700/3000/3500/4000/5000K	**Blank** 25° to 45° Adjustable (12/20/30W)	**Blank** 120-277V, 0-10V Dimming
	20 12/16/20W		30° to 50° Adjustable (50W)	Triac Dimming
	30 18/24/30W			
	50 30/40/50W			

TRIMS

Product Family	Aperature/Size†	Shape	Reflector Finish	Trim Type
ND22T –				
	3 3"	**R** Round	**White** White Reflector + Flange	**Blank** Open Flange Trim
	4 4"	**S** Square*	**HZ** Haze Reflector + Flange	**WW** Wall Wash Trim***
	4H 4"		**HW** Haze Reflector + White Flange	
	6 6"		**B** Black Reflector + Flange**	
	6H 6"			
	8 8"			
	10 10"			

* Square not available in 10".
** Black flange for black reflector only.
*** Wall wash available in 3", 4", 6" (12W) and 6" & 8" (20W, 30W, 50W)
† ND22-12 fits 3, 4, and 6"; ND22-20 and ND22-30 fit 4H, 6H, and 8" models; ND22-50 fits 6H, 8", and 10" models.

REQUEST A QUOTE

DOWNLOAD FULL SPEC SHEET

CONTACT YOUR RAB REP