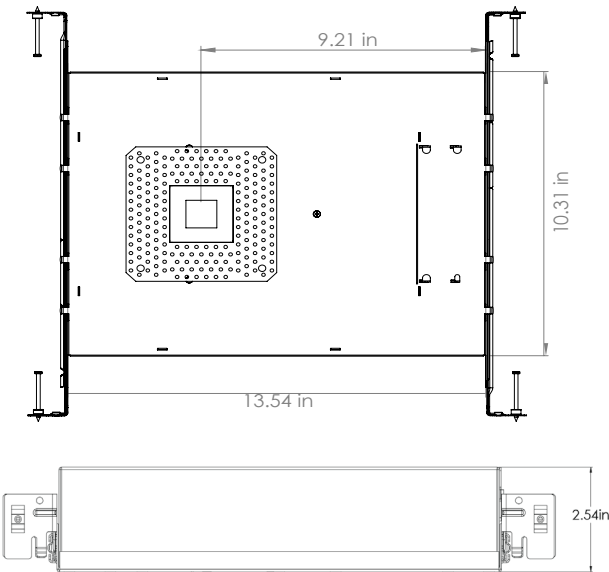


DESCRIPTION

The Novation® IC Downlight is our entry level dedicated LED downlight that allows a wide variety of trims and accessory options. It is a best-in-class solution for a new construction downlight with interchangeable lenses that allow for beam spread adjustment.

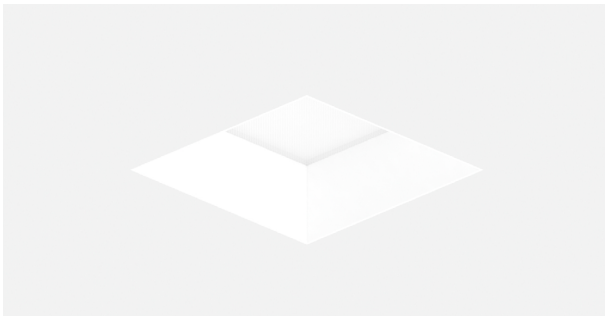
DIMENSIONS\*



Project Name: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Notes: \_\_\_\_\_



LUMEN OUTPUT PERFORMANCE

| Color Temperature     | 2700K   |         | 3000K   |         | 3500K   |         | 4000K   |         |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Color Rendering Index | 90+ CRI | 95+ CRI | 90+ CRI | 95+ CRI | 90+ CRI | 95+ CRI | 90+ CRI | 95+ CRI |
| Lumens* (lm)          | 1008    | 966     | 1008    | 881     | 1080    | 881     | 1161    | 948     |
| Wattage               | 15W     |         | 12W     |         | 9W      |         |         |         |
| Multiplier            | 1       |         | .85     |         | 0.73    |         |         |         |

\* Estimated values may be subject to change

\* Dimensions and drawing are subject to change.

ORDERING CODE

EXAMPLE: NVTN-2-IC-15W-30K-90C-3G-70D-ST2-AT-MI

| Product                | Watts                                                                      | Color Temp                                       | Chip Type                               | CRI                              | Version    | Beam Spread Lens                        | Driver                                                                                                                                                                                                                                                                                    | Housing                                    | Accessory (Optional)                                                                                                                             | Optional                                                                                                                          |
|------------------------|----------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------|----------------------------------|------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| NVTN-2-IC              |                                                                            |                                                  |                                         |                                  | 3G         |                                         |                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                  |                                                                                                                                   |
| NVTN-2-IC<br>2-7/8" IC | 9W 9 Watts<br>12W 12 Watts<br>15W 15 Watts<br><br>Custom Wattage (Max 15W) | 27K 2700K<br>30K 3000K<br>35K 3500K<br>40K 4000K | ST Standard (Default)<br>NB Narrow Beam | 90C 90CRI (Default)<br>95C 95CRI | 3G 3rd Gen | 70D 70° (Default)<br>50D 50°<br>35D 35° | ST2: For wattages between 14 and 23W<br>ST2L For wattages below 14W<br>LES Lutron Hi-Lume 1% Ecosystem Soft on Fade to Black, 120-277V (2)<br>DMX DALI For wattages below 12W<br>Note: All ST2 drivers offer Tri Mode dimming and dim to 1%:<br>0-10V (120-277V)<br>Triac/ELV (120V only) | AT Airtight (Default)<br>CP Chicago Plenum | CL Clear Lens<br>LI Linear Lens<br>PR Prismatic Lens<br>SA Sanded Lens<br>SO Softening Lens<br>MB Micro Louver Black<br>MA Micro Louver Aluminum | MI Micro Inverter (1)<br>CB C-Channel bars with butterfly mounting brackets for acoustical ceiling.<br><br>*Nailer bars included. |

Note: 1. Micro inverter requires access above ceiling, otherwise it must be installed remotely.

TRIM ORDERING CODE

| Product                                    | Type                                | Outer Finish                                                                                          | Inner Finish/Shower                                                                                                                                | Adapter                                                                                                                                                                                                    |
|--------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                            |                                     |                                                                                                       |                                                                                                                                                    |                                                                                                                                                                                                            |
| <b>NVTN-2-TRIM-A</b><br>Self flanged trims | <b>SQ</b> Square<br><b>RD</b> Round | <b>WH</b> White<br><b>BK</b> Black<br><b>XX</b> Custom Powder Coating<br>(Consult factory for colors) | <b>WH</b> White<br><b>BK</b> Black<br><b>SH</b> Shower Trim (For Wet Locations)<br><b>XX</b> Custom Powder Coating<br>(Consult factory for colors) | <b>NVTN-2-COLR</b><br>*Trim collar, use for both types SQ and RD in drywall, acoustical, millwork ceiling, spackling not required. Ceiling thickness: 1/2"-1".<br><br>*Consult factory for thicker ceiling |

TRIM ORDERING CODE CONTINUED

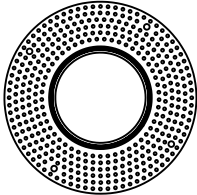
| Product                                | Type                                                 | Inner Finish                                                                                          | Shower                                                                                   | Adapter                                                                                                                                                                                                                                                    |
|----------------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        |                                                      |                                                                                                       |                                                                                          |                                                                                                                                                                                                                                                            |
| <b>NVTN-2-TRIM-B</b><br>Trimless trims | <b>SQ</b> Shallow Square*<br><b>RD</b> Shallow Round | <b>WH</b> White<br><b>BK</b> Black<br><b>XX</b> Custom Powder Coating<br>(Consult factory for colors) | <b>(leave blank)</b> For Dry/Damp Locations<br><b>SH</b> Shower Trim (for wet locations) | <b>ADPT-SQ-UNV-3G</b><br>Use for type Square in drywall ceiling<br><b>ADPT-RD-UNV-3G</b><br>Use for type Round in drywall ceiling<br><b>ADPT-SQ-HARD-3G</b><br>Use for type Square in millwork<br><b>ADPT-RD-HARD-3G</b><br>Use for type Round in millwork |

Example: NVTN-2-TRIM-B-WH-ADPT-SQ-UNV-3G

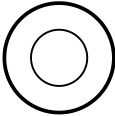
TRIM COMPATIBILITY



Requires round sheetrock cutout:  
3.0625" Diameter



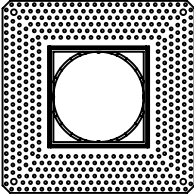
Round Adapter



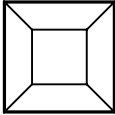
Series B  
Round Trim



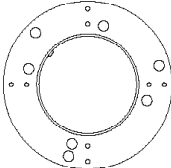
Requires square sheetrock cutout:  
3.125"x3.125"



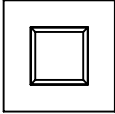
Square Adapter



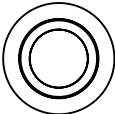
Series B  
Square Trim



Round Collar



Series A  
Square Trim

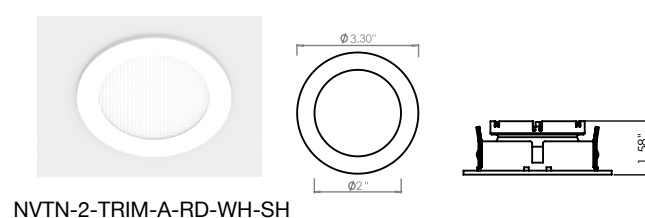
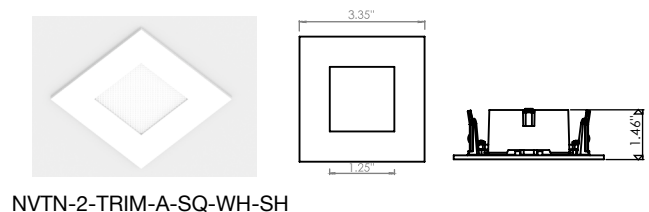
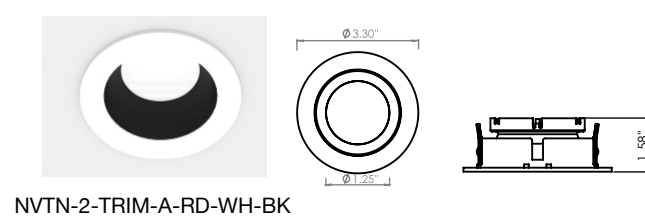
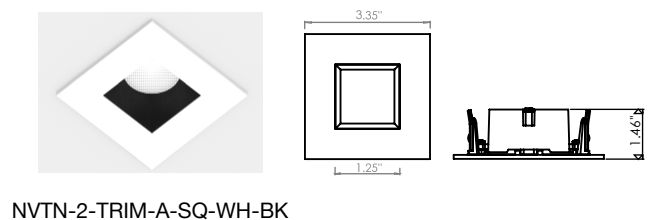
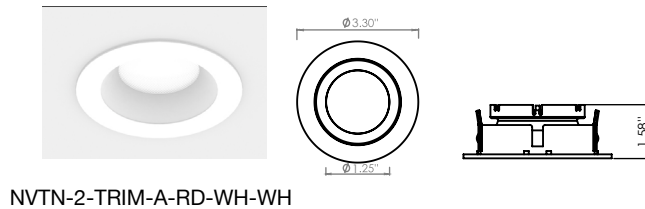
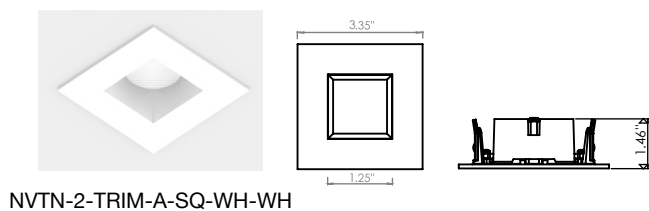


Series A  
Round Trim

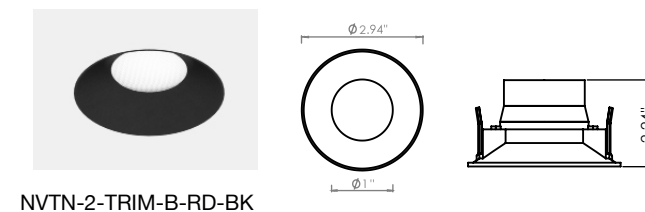
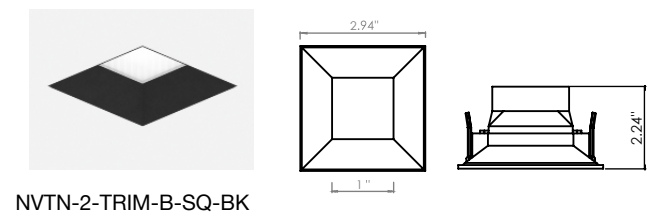
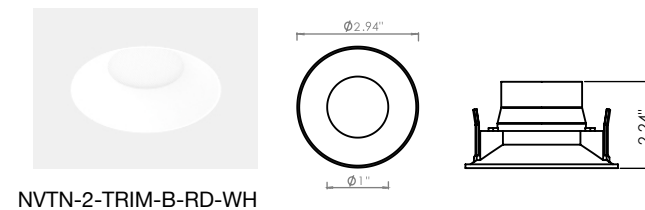
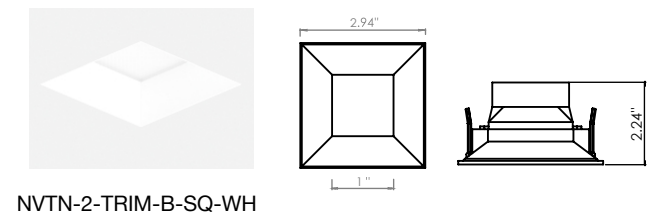
\*Preliminary data, subject to change.

## ■ TRIM OPTIONS \*

### NVTN-2-TRIM-A



### NVTN-2-TRIM-B



\*Preliminary data, subject to change.

## ■ TRIM PLASTER ADAPTER



### **SPECIFICATIONS** **LED SYSTEM**

- LED ENGINE: CREE: 2700K, 3000K, 3500K, 4000K,
- LUMENS/WATTS: 10W, 15W
- CRI: Minimum 90 color rendering index with an option of 95 CRI
- COLOR CONSISTENCY: 2-step binning LEDs

### **OPTICS**

Multiple beam spread options are provided with fixture.

### **ELECTRICAL**

- DRIVER: Standard ST2 Series driver is Tri Mode and dims to 1%: for 0-10V (120-277V) and for Triac/ELV (120V only)
- LES driver is a driver from Lutron that has Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black. It provides continuous and flicker free dimming from 100%-1% and fades smoothly between 0%-1%.
- FEED: Standard 18-gauge/5 conductor single circuit feed. Push-in quick connectors allow ease of driver replacement.
- EMERGENCY: Optional Remote Micro Inverter provides backup power for 90 minutes. Remote emergency test switch included.

### **MOUNTING**

Hanger bars included with housing, fitted to short side of Essential housing, extend 14" to 25" to fit different spacing. Accommodates to 1/2", 5/8", 3/4", 1.0" ceiling thickness in drywall and acoustical ceiling types.

### **CONSTRUCTION**

- HOUSING: Heavy gauge cold rolled steel with through wire J-box
- HEAT SINK: Precision-cut extruded aluminum heat sink.
- TRIM: Die-cast aluminum with Solite glass
- TRIM ADAPTER: Die-cast aluminum, spackle flanges are used in sheetrock/mud-in ceiling applications. Acoustical ceiling adapter are available for flanged trim.

### **FINISH**

- HOUSING: Standard powder-coated matte black.
- TRIM: White, Black, Consult factory for custom powder coating finish.

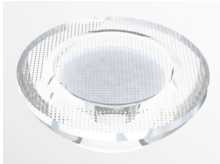
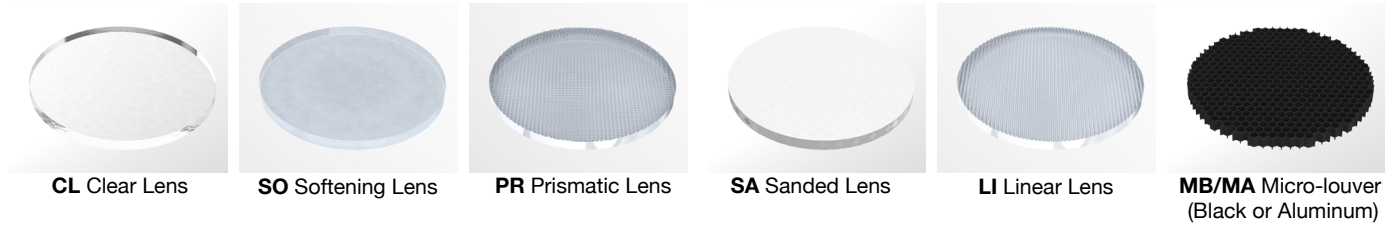
### **LISTING/WARRANTY \***

- APPROVALS: UL/C-UL listed, Suitable for dry/damp/wet location. Airtight rated, meets ASTM E283 standards. Chicago Plenum housing available. IC Rated.
- WARRANTY: 5 Year Limited Warranty, Ambient temperatures at fixture location should not exceed 40° C during normal operation.
- LED LIFE > 61,000 hours at 70% lumen maintenance (L70)
- WEIGHT:
- Can be used to comply with Title 24/JA8 requirements (using ST2 driver and white trim with no accessories. For full list of compatible models please contact factory)

\*Preliminary data, subject to change.

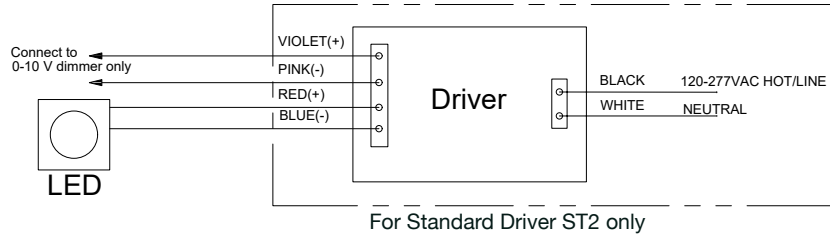


OPTICS ACCESSORY



XXD Beam Spread Lens

WIRING DIAGRAM



Note: Cap off violet and pink wires individually if 0-10 V dimming is not desired.

DIMMER COMPATIBILITY

| Standard Driver ST2 |         |                      |               |                         |              |
|---------------------|---------|----------------------|---------------|-------------------------|--------------|
| Dimmer Manufacturer | Product | Part Number          | Dimming Range | Qty Fixture Per Control | Dimming Type |
| 120V/277V           |         |                      |               |                         |              |
| Lutron              | Diva    | DVTV*/DVSTV/ DVSCSTV | 1%-100%       | 1-14                    | 0-10 V       |
| Lutron              | Nova    | NFTV*                | 1%-100%       | 1-14                    | 0-10 V       |
| 120V Only           |         |                      |               |                         |              |
| Lutron              | Skylark | CT-103P(MLV)         | 1%-100%       | 1-26                    | ELV          |
| Lutron              | Skylark | SELV-303P/SELV-300P  | 1%-100%       | 1-13                    | ELV          |

\* NVTV/NFTV "DIMMING ONLY" or "USE WITH PowerPack for Dimming+on/off"