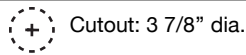


LED 3" New Construction Downlight



ProjectName:

FixtureType:

DESCRIPTION

3" LED dedicated new construction downlight creates a great solution for new installs. Stay within budget without compromising on quality with NVTN-NC downlight. With a leading performance in dimming and CRI.

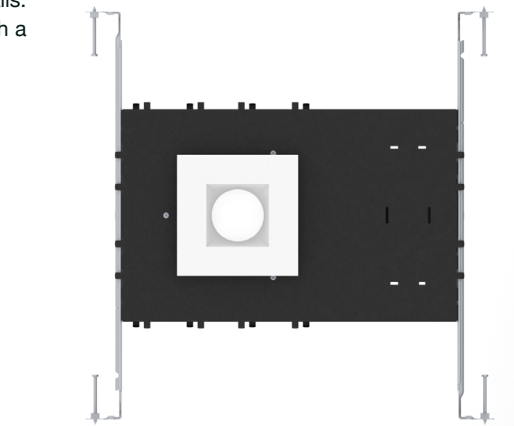
23 W Output performance

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*
Source Lumens (lm)	1900	1822	2120	1852	2310	1885	2450	1921
Delivered Lumens (lm) (60° Beam Spread)	1340	1275	1500	1295	1630	1410	1730	1520
Delivered Lumens (lm) (36° Beam Spread)	1428	1358	1598	1380	1736	1502	1843	1619
Delivered Lumens (lm) (24° Beam Spread)	1519	1445	1700	1468	1847	1598	1961	1723
Delivered Lumens (lm) (15° Beam Spread)	1504	1431	1684	1454	1830	1583	1942	1706

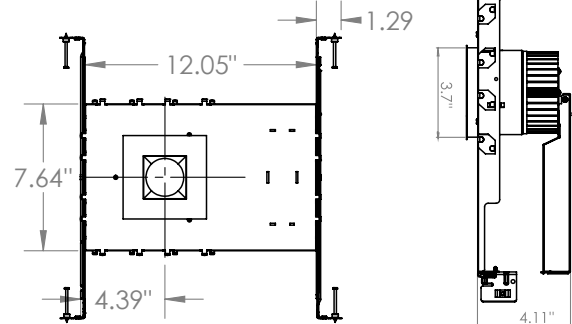
*Estimated

For the 10W and 14W and option please use the multiplier chart to calculate the output performance

Wattage	23W	14W	10W
Multiplier	1	0.61	0.43



DIMENSIONS



ORDERING CODE

Example: **NVTN-3-NC-23W-30K-90C-3G**

Product	Watts	Color Temp	Chip Type	CRI	Version	Beam Spread Lens	Driver	Accessory (Optional)	Optional
NVTN-3-NC	-	-	-	-	3G	-	-	-	-
NVTN-3-NC 3-7/8" New Construction Housing, Non-IC	10W 10 Watts 14W 14 Watts 23W 23 Watts Custom Wattage (Max 23W) ¹	27K 2700K 30K 3000K 35K 3500K 40K 4000K 18K30K ⁽¹⁾ Dim to Warm (23W-1430 Lm)	ST Standard (Default) NB Narrow Beam (when using 15D and 24D beam spread lens.) Not applicable for 18K30K color temp	90C 90CRI (Default) 95C 95CRI	3G 3rd Gen	60D 60° (Default) 45D 45° 36D 36° 24D 24° ⁽¹⁾ 15D 15° ⁽¹⁾	ST2: For wattages between 14 and 23W ST2L For wattages below 14W L2 Lutron Hi-Lume 1% 2-wire, 120V ⁽²⁾ LES Lutron Hi-Lume 1% Ecosystem Soft on Fade to Black, 120-277V ⁽²⁾ Note: All ST2 drivers offer Tri Mode dimming and dim to 1%: 0-10V (120-277V) Triac/ELV (120V only)	CL Clear Lens LI Linear Lens PR Prismatic Lens SA Sanded Lens SO Softening Lens MB Micro Louver Black MA Micro Louver Aluminum	MI Micro Inverter ⁽³⁾ CB C-Channel bars with butterfly mounting brackets for acoustical ceiling. *Nailer bars included.


Note: 1. 15°, 24° optics have a unique LED module not available for field changable. 15°, 24° optics are not available for Dim to Warm.
2. Lutron drivers available in 10W, 14W, and custom wattage available up to 23W.
3. Micro inverter requires access above ceiling, otherwise it must be installed remotely.

TRIM ORDERING CODE

Example: **NVTN-3-TRIM-A-SQ-WH-WH-3G**

Product	Type	Outer Finish	Inner Finish/Shower	Mudplate(Optional)
NVTN-3-TRIM-A Self flanged trims	SQ Square RD Round	WH White BK Black XX Custom Powder Coating (Consult factory for colors)	WH White BK Black SH Shower Trim (For Wet Locations) XX Custom Powder Coating (Consult factory for colors)	NVMP-SQ-3G Use for type Square in drywall ceiling NVMP-RD-3G Use for type Round in drywall ceiling

LED 3" New Construction Downlight

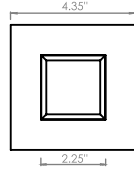
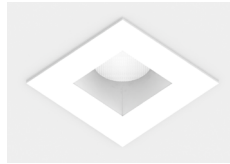
 Cutout: 3 7/8" dia.

ProjectName:

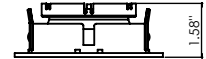
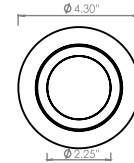
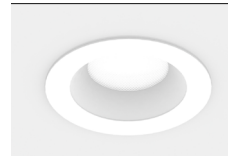
FixtureType:

■ TRIM OPTIONS

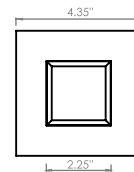
NVTN-3-TRIM-A



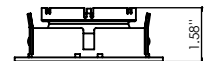
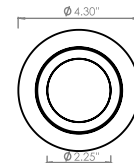
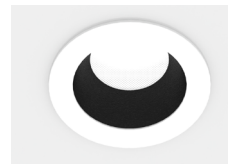
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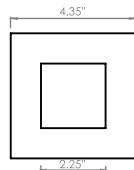
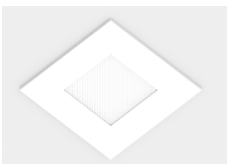
NVTN-3-TRIM-A-RD-WH-WH



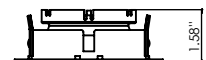
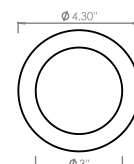
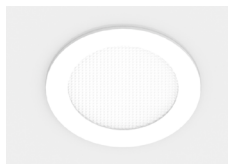
NVTN-3-TRIM-A-SQ-WH-BK



NVTN-3-TRIM-A-RD-WH-BK

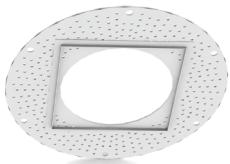


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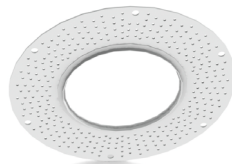


NVTN-3-TRIM-A-RD-WH-SH

■ MUDPLATE FOR FLUSH MOUNTING TRIM (OPTIONAL)

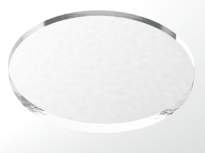


NVMP-SQ-3G

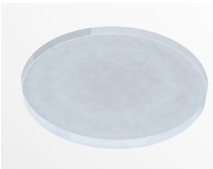


NVMP-RD-3G

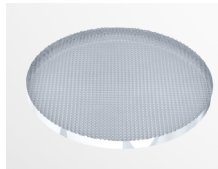
■ OPTICS ACCESSORY



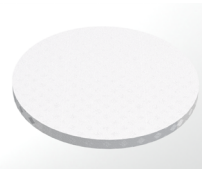
CL Clear Lens



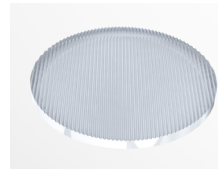
SO Softening Lens



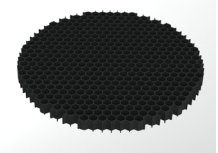
PR Prismatic Lens



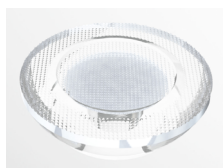
SA Sanded Lens



LI Linear Lens



MB/MA Micro-louver
(Black or Aluminum)



XXD Beam Spread

LED 3" New Construction Downlight



Cutout: 3 7/8" dia.

ProjectName:

FixtureType:

SPECIFICATIONS

LED SYSTEM

- LED ENGINE: CREE: 2700K, 3000K, 3500K, 4000K, LUXTECH: 18K30K dim-to-warm, field-replaceable LED module solderless replacement process
- LUMENS/WATTS: 10W, 14W, 23W, up to 1900lm at 23W
- 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)

L2 driver is a 2-Wire LED driver from Lutron that has Hi-lume 1% and provides continuous and flicker-free dimming from 100% to 1%.

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, extend 14" to 25" to fit different joist 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

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 location.
- 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: 6.8lbs



LED 3" New Construction Downlight

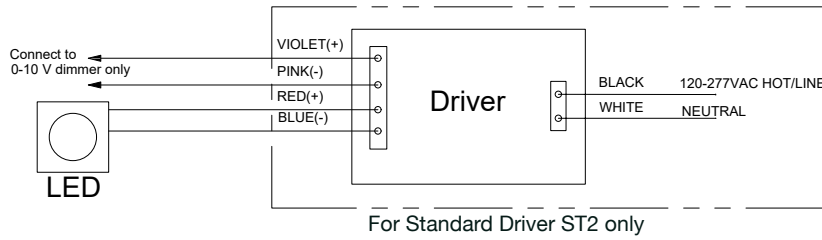


Cutout: 3 7/8" dia.

ProjectName:

FixtureType:

■ WIRING DIAGRAM



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

■ DIMMER COMPATIBILITY CHART

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"