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LM-79

# NU4RD VECTOR

**PRELIMINARY** **XICATO**



|                           |  |   |
|---------------------------|--|---|
| <b>SERIES</b>             | NU4  |   |
| <b>TYPE</b>               | RD-VCT   | round downlight VECTOR  |
| <b>LED</b>                | XIM9   | XIM9  |
| <b>DELIVERED LUMENS</b>   | 07LM<br>10LM<br>13LM<br>20LM<br>30LM <sup>3</sup><br>40LM <sup>3</sup>                               | 610 lm<br>870 lm<br>1130 lm<br>1730 lm<br>2600 lm<br>3460 lm  |
| <b>CCT</b>                | 27K<br>B27K <sup>2</sup><br>30K<br>V30K<br>35K<br>40K  | 2700K<br>2700K beauty<br>3000K<br>3000K vibrant<br>3500K<br>4000K   |
| <b>CRI</b>                | 83<br>98   | 83CRI<br>98CRI  |
| <b>VOLTAGE</b>            | 120<br>277   | 120V<br>277V  |
| <b>DIMMING</b>            | DIM10 <sup>6</sup><br>DIM10Z <sup>5</sup><br>DALI <sup>6</sup><br>DALIZ <sup>6</sup><br>DMXZ<br>LUDA | standard driver with flicker free 0-10V dimming to 1%<br>flicker free 0-10V dimming to 0%<br>flicker free dali dimming to 1%<br>flicker free dali dimming to 0%<br>flicker free dmx dimming to 0%<br>lutron ecosystem dimming to 1% |
| <b>MOUNTING OPTIONS</b>   | NC<br>IC <sup>1</sup><br>ICAT <sup>1</sup><br>CP <sup>1</sup><br>RET                                 | new construction with ceiling fitting plate<br>insulation contact housing<br>insulation contact / airtight housing<br>chicago plenum housing<br>retrofit, no ceiling fitting plate  |
| <b>TRIM COLOR</b>         | WH<br>MC<br>BK<br>BZ<br>WT   | white<br>matte chrome<br>black<br>bronze<br>wheat   |
| <b>BEZEL COLOR</b>        | WH<br>MC<br>BK<br>BZ<br>WT   | white<br>matte chrome<br>black<br>bronze<br>wheat   |
| <b>ELECTRICAL OPTIONS</b> | EM7 <sup>7</sup><br>EM12 <sup>4</sup><br>FOR 347V<br>OPTION  | emergency battery backup, 90 minutes at 7 watts to LED<br>emergency battery backup, 90 minutes at 12 watts to LED<br>order separate "347V to 277V" step down transformer<br>p/n: P70489   |

**DESCRIPTION**

One step closer to saying goodbye to ladders! Choose spread and intensity at the touch of your finger. NU recessed downlight series by ALPHABET is the WORLD's FIRST Bluetooth® controlled downlight with a Liquid Crystal Lens optic for DYNAMIC BEAM SHAPING. It's offered in multiple apertures and uses XICATO® LED and eldoLED dimming as standard.

**HOUSING**

Electrocoated 16 gauge cold rolled steel provides enhanced structural reinforcement and rust prevention. Superior flame retardant UL certified injection molded commercial grade Lexan™ (PC) is used for the Frame and Regressed Bezel Trim. Lexan™ provides unmatched durability/impact resistance, 250°F thermal resistance, and is UL tested for UV resistance and water exposure in outdoor applications. Thermally advanced anodized heat sink using 6063 alloy. Wet location rated is offered standard. 90min constant power IOTA emergency battery backup available in several power options.

**MOUNTING**

An advanced mounting system allows for quick and secure installation with LED and Driver serviceability from below the ceiling. The LED assembly uses two die cast aluminum Mounting Clamp Grips (MCG) that swing out to tighten onto variable ceiling thicknesses ranging from 1/8" to 1-5/8" thick. Integrated rubber feet on each MCG provide a non-slip vibration resistant installation. The hidden MCG system is accessible from below ceiling by removing the snap-in Lens/Bezel Assembly with either the included suction cup or a screwdriver blade. Integrated Bar Hangers feature integral toothed nails, T-bar mounting slots with locking holes, Tabs for joist positioning, and extendibility from 14-3/4" to 26". Retrofit mounting option allows for installation from below ceiling by use of compact driver box. Ceiling cutout size is 4-3/8" diameter.

**LISTINGS**

- ETLus Listed to UL1598, cETL Listed to CSA C22.2 #250.0
- Type Non-IC, IC, CP, Airtight ASTM Standard E283
- Suitable for Wet locations
- Made in the USA – meets the requirements of the Buy American provision within the ARRA

**LED INFO**

- SDCM = 1X2 MacAdam Ellipse, DUV +/- 0.001

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Follow the steps to specify your fixture, example:  
**NU4 - RD - VCT - XIM9 - 13LM - 35K - 98 - 120 - DIM10 - NC - WH - WH - EM7**

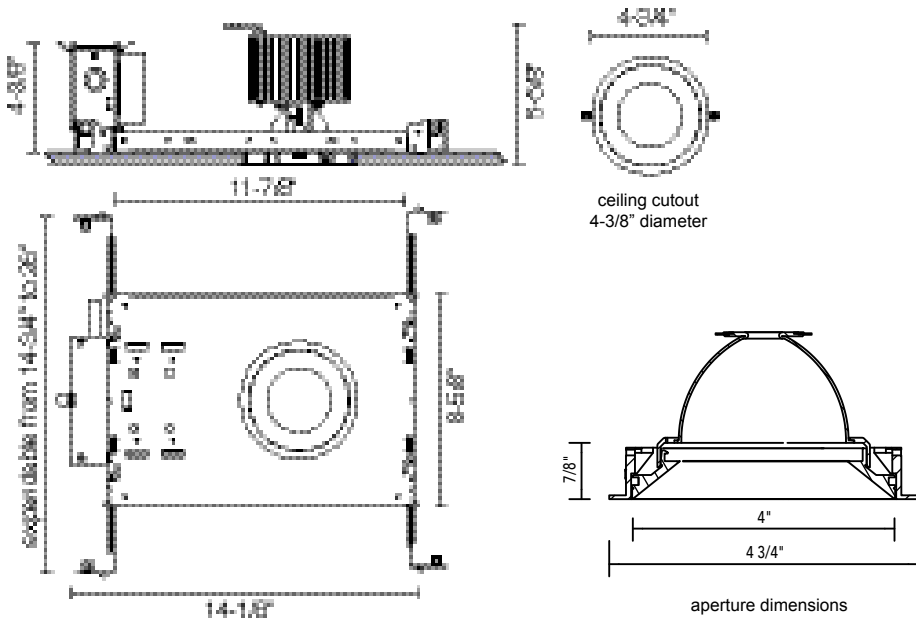
| XIM9 | POWER        |           |            |           |
|------|--------------|-----------|------------|-----------|
|      | DELIVERED LM | W (83CRI) | VA (83CRI) | W (98CRI) |
| 610  | 9.5          | 10.2      | 11.4       | 12.1      |
| 870  | 12.4         | 13.1      | 15.4       | 16.1      |
| 1130 | 16.5         | 17.2      | 20.9       | 21.6      |
| 1730 | 25.9         | 26.5      | 32.9       | 33.2      |
| 2600 | 28.8         | 29.5      | 42.9       | 42.6      |
| 3460 | 36.5         | 36.8      | N/A        | N/A       |

**NOTES**

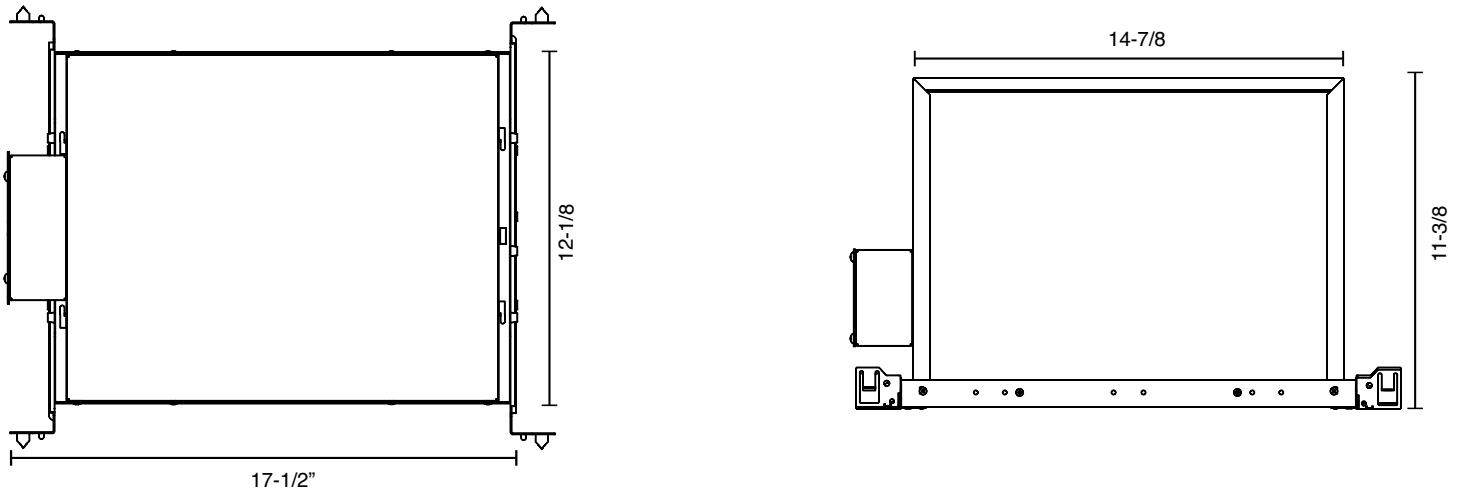
1 For integrated test switch add "ITS" after emergency backup code, i.e. EM12ITS. Test switch is mounted in the bezel of the fixture.

**MOUNTING OPTIONS**

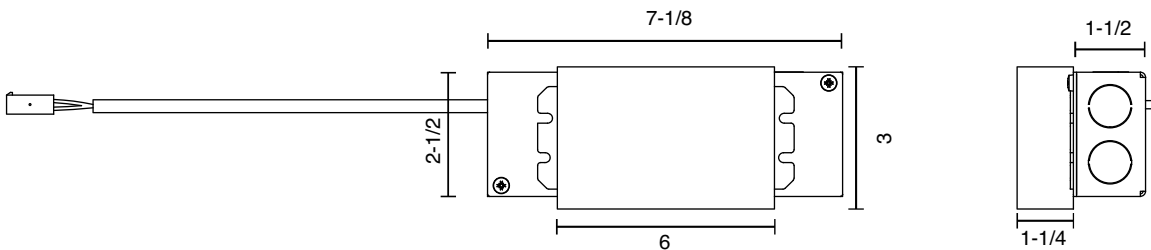
**NC - NEW CONSTRUCTION**



- IC<sup>1</sup> - INSULATION CONTACT HOUSING
- CP - CHICAGO PLENUM
- ICAT - INSULATION CONTACT / AIR TIGHT



**RET - RETROFIT**



**NOTES**

1 Consult factory for smaller IC Housings when selecting lower lumen packages.