



NOVENTA

NV3.5 | SUSPENDED, WALL, SURFACE, RECESSED

STANDARD SIZES

3.5" Aperture corner profile
Configurable in individual straight run sections

LAMPING

LED - Direct or Indirect - 80/90 CRI - 3000K/3500K/4000K
Output Options: LOW/MED/HI/DECOR/Tunable White/RGB/RGB+W
Dimming down to 0%

FINISH

Aluminum, White, Black, Silver, Brass, RAL Classic Colors

CONSTRUCTION

Industrial Strength Extruded 6061 Aluminum





PRODUCT SUBMITTAL WORKSHEET

SAMPLE PRODUCT CODE

NV3.5S – S5 – HI/90/3500 – 0/10V/0% – LENS – AL – UNV – EMB/1 – OS/1 – COMBO – SB
1 2 3 4 5 6 7 8A 8B 8C

1. BASE MODEL (CHOOSE ONE)

- NV3.5S** 3.5" suspended "L" (note: remote driver)
- NV3.5D** 3.5" suspended "diamond"
- NV3.5WD** 3.5" wall mount, direct
- NV3.5WI** 3.5" wall mount, indirect
- NV3.5SMB** 3.5" surface/ceiling mount
- NV3.5R** 3.5" recessed, mud-in

2. LENGTH (ENTER LENGTH IN FEET)

S__ Individual/Straight Run Section (enter length greater than 2ft, ex. S5)

*Lengths are nominal and may vary based on lamping and other specification selections. Consult ALW when exact lengths are required.

3. LED LAMPING (CHOOSE ONE UNDER A, B, & C, AS NECESSARY)

A. OUTPUT

- LOW**
- MED**
- HI**
- DECOR**
- TUNE**
- RGB**
- RGBW** (80CRI, 4000K White)

B. CRI¹

- 80**
- 90**

C. CCT²

- 3000K**
- 3500K**
- 4000K**

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
See page 5 for complete details.		Up to 86 lm/W

¹CRI not applicable for DECOR, TUNE, RGB, or RGBW lamping

²CCT not applicable for TUNE, RGB, or RGBW lamping

4. DRIVER (CHOOSE ONE)

- 0/10V/S** 0-10V dimming down to 5% (Standard Dimming – Down to 10% for DECOR and TUNE lamping)
- 0/10V/1%** 0-10V dimming down to 1%
- 0/10V/0%** 0-10V premium dimming down to 0%
- DALI** DALI flicker-free dimming down to 0%
- DMX** DMX flicker-free dimming down to 0% (Recommended for RGB or RGBW lamping)
- ECOSYS1** Lutron Hi-Lume 1% EcoSystem, constant current or constant voltage
- ECOSYS5** Lutron 5-Series 5% EcoSystem, constant current (Not available for DECOR or TUNE lamping)


*Driver specifications provided upon request to assist with control system integration.

5. LENS

LENS Extra diffuse lens



6. FINISH (CHOOSE ONE)

- AL** Natural Anodized Aluminum (Standard Finish)
- BK** Black Powder Coat
- BRS** Brass Metallic Powder Coat
- SV** Silver Powder Coat
- WH** White Powder Coat
- WH/AM**  White Antimicrobial Powder Coat (for healthcare environments)
- RAL_____** Specify RAL Classic Color code (ex: RAL3003) ralcolorchart.com/ral-classic

7. VOLTAGE (CHOOSE ONE)

- UNV** Universal Voltage (120VAC-277VAC)
- 347** 347 Volt (*Driver options may be limited*)

8. ADDITIONAL OPTIONS (OPTIONAL – CHOOSE ONE UNDER A & B, AND ANY UNDER C, IF DESIRED)

A. EMERGENCY OPTIONS

- EMB/___³** Emergency Battery (*indicate quantity – each battery powers 4ft with a delivered lumen output of 1176lm*)
- EMC/___³** Emergency Circuit (*indicate quantity of 4ft sections to be illuminated by emergency circuit*)

³For fixtures under 4ft in length, entire fixture will be illuminated with a proportional lumen output. Consult ALW for available options.

B. SENSOR OPTIONS (COMPATIBLE ONLY WITH 0-10V DRIVERS – DEFAULT QUANTITY IS 1 SENSOR PER 8FT, INDICATE ALTERNATE QUANTITY IF DESIRED)

- ENLGH/___⁴** Enlighted® remote smart sensor (*occupancy, daylight, networking, and more*)
- ENLGH/INT/___⁴** Enlighted® integral smart sensor (*occupancy, daylight, networking, and more*)
- OS/___** 0-10V remote occupancy sensor
- PH/___** 0-10V remote photocell/daylight sensor

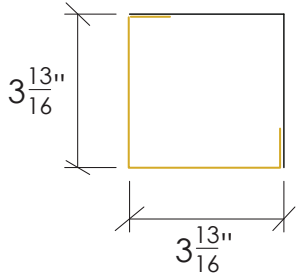
⁴Enlighted® Gateway and Energy Manager (by others) plus programming required. Learn more at enlightedinc.com.

C. ADDITIONAL OPTIONS (COMPATIBLE ONLY WITH SUSPENDED MOUNT)

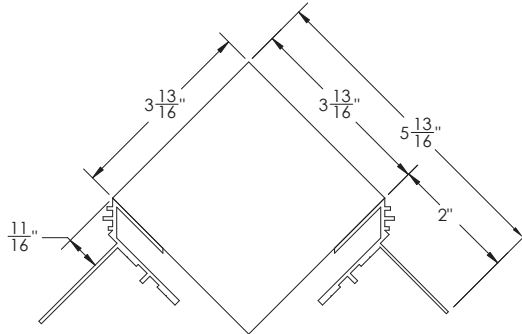
- COMBO** Combination 4.5" canopy at power feed locations to accommodate both power cord & suspension mount hardware.
- SB** Seismic Bracing



MECHANICAL DIAGRAMS – DIMENSIONS

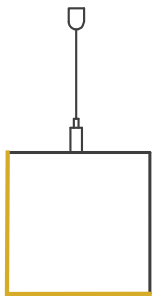


SUSPENDED / WALL / SURFACE MOUNT

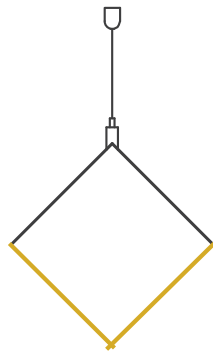


RECESSED

MECHANICAL DIAGRAMS – MOUNTING



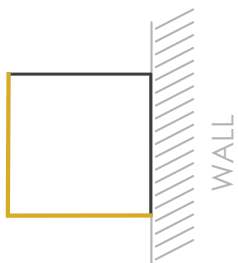
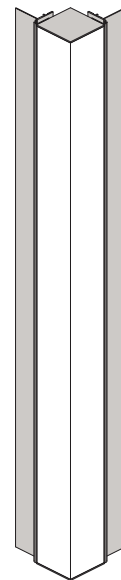
NV3.5S
SUSPENDED "L"



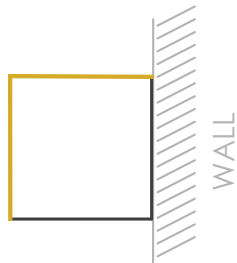
NV3.5D
SUSPENDED "DIAMOND"



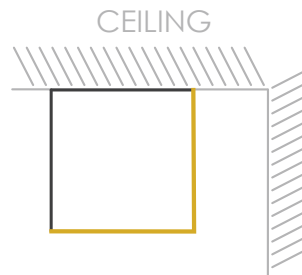
NV3.5R
RECESSED MUD-IN



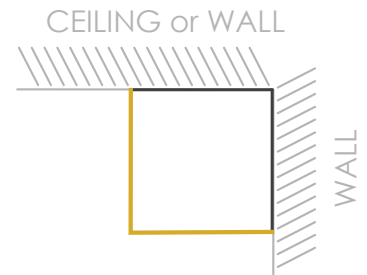
NV3.5WD
WALL DIRECT



NV3.5WI
WALL INDIRECT



NV3.5SMB
SURFACE-MOUNT / CEILING



SS112818-A.0



PERFORMANCE DETAILS – LED LAMPING

OUTPUT	DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)	CRI OPTIONS	CCT OPTIONS
LOW ⁵	623	7.2	86	80 90	3000K 3500K 4000K
MED	834	9.7	86		
HI ⁵	1043	12.1	86		
DECOR ⁵	305	5.9	52	N/A	2700K-5700K
TUNE ^{6,7}	695	8.1	86		
RGB ⁷	Color-Changing RGB	5	N/A		
RGBW ⁷	Color-Changing RGB + 4000K White	5		80	

⁵Performance calculations are extrapolated estimates based on actual performance data of MED output at 80 CRI and 3500K.

⁶Performance calculations are extrapolated maximum estimates for mid-range CCTs. Cooler and warmer CCTs will provide lower delivered lumens (i.e. lower lm/W, higher W/lf).

⁷DMX driver recommended; controller not included.

SUSPENSION MOUNTING



CEILING HARDWARE

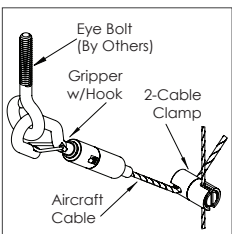
- (1) 4.5" canopy per power feed location,
- (1) bullet mount,
- (1) 8' aircraft cable
- (1) 2" canopy (for use with T-bar mounting) per suspension point



COMBO CANOPY

Choose option COMBO to specify 4.5" canopies at feed locations with power feed and aircraft cable suspension mounting.

Canopy finish is always white. Contact ALW for alternate colors.



SEISMIC BRACING

Add-on hardware includes cable gripper with hook, 2-cable clamp and specified length of aircraft cable per suspension point.

SS112818-A.0



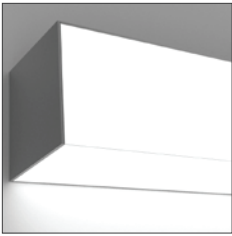
ADDITIONAL OPTIONS & SPECIFICATIONS

ELECTRICAL PERFORMANCE

Class 2 LED drivers. $L_{70} > 54,000$ hours.
80+ CRI. Luminous flux +/- 5%.

LENS

Two-sided, extruded, twin-layered, high-impact acrylic. LENS is white and extra diffuse with minimal- to no-source visibility.



LENS

HOUSING

100% recyclable, extruded architectural grade 6061 aluminum with a 0.08" minimum wall thickness.

SAFETY & REGULATORY

ETL Listed (U.S. & Canada). Suitable for dry or damp locations.
Conforms to UL std. 1598, Luminaires.
Certified to CSA std. C22.2#250.0:2008 Ed. 3+G1;G2.

OPERATING CONDITIONS

Luminaire should be installed and operated ONLY in dry or damp locations where the ambient temperature ranges from -4 °F to 122 °F (-20 °C to 50 °C). Luminaire operation in environments outside the listed temperature range voids the warranty AND may damage the product or adversely impact lamp life, lumen output and color consistency.

WARRANTY

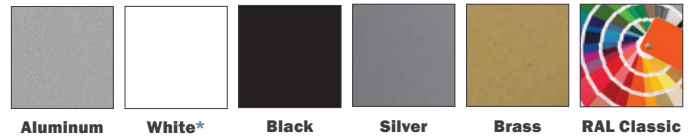
Limited 5-year warranty. Details: alwusa.com/warranty

SENSOR OPTIONS

Optional, occupancy detection (OS) and/or daylight harvesting (PS) sensor available. Or upgrade to an optional Enlighted® Smart Sensor (ENLGHT) for additional capabilities. Contact ALW for details.

FINISH

Standard finish is "Ultimate" aluminum — a smooth, clean, and durable finish achieved from a deep etch and two-step clear anodizing process. Other options are shown below.



*For healthcare environments, a white antimicrobial finish (WH/AM) is also available.