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 - 2700K/3000K/3500K/4000K
Output Options: LOW/MED/HI/DECOR/Tunable White/RGB/RGB+W
Dimming down to 0%

FINISH
16 standard finishes available
RAL classic and custom color match also available

CONSTRUCTION
Industrial Strength Extruded 6061 Aluminum

ETL Listed
1598

enlighted

VIVE by LUTRON

PRODUCT SUBMITTAL WORKSHEET

SAMPLE PRODUCT CODE

NV3.5S — S5 — HI/90/3500 — 0/10V/0% — LENS — AS — 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" *(with adjustable suspension mounting bracket)*
- ☐ **NV3.5SD** — 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

NV3.5SD
NV3.5R

NV3.5S
NV3.5WD
NV3.5SMB

NV3.5WI

2. LENGTH (ENTER LENGTH IN FEET)

Polar Plot: Red (0-180°), Blue (90-270°)

- ▮ **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** (2700K-6500K, 80CRI)
- ☐ **RGB**
- ☐ **RGBW** (White Chip: 3500K, 80CRI)

B. CRI[1]
- ☐ **80**
- ☐ **90**

C. CCT[2]
- ☐ **2700K** (90 CRI Only)
- ☐ **3000K**
- ☐ **3500K**
- ☐ **4000K**

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
See page 5 for complete details.		Up to 129 lm/W

[1]*CRI not applicable for DECOR, TUNE, RGB, or RGBW lamping*
[2]*CCT not applicable for TUNE, RGB, or RGBW lamping*

4. DRIVER[3] (CHOOSE ONE .STD, DECOR, TUNE & RGB(W) TABLE INDICATES COMPATIBLE LED LAMPING)

	STD[4]	DECOR	TUNE	RGB(W)	
☐ **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%
☐ **ECOSYS1**	●	●			(LDE1) Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
☐ **TSERIES**[5]			●		Lutron T-Series Tunable White Class 2 LED Driver (For use with Lutron Quantum Control Systems)
☐ **DALI**	●	●	●		DALI flicker-free dimming down to 0%(Down to 1% for Lutron Vive Lighting Control System)
☐ **DMX**	●	●	●	●	DMX flicker-free dimming down to 0%

[3]*Driver specifications provided upon request.*
[4]*Lutron Vive Control Systems is compatible only with STD lamping. See more information for compatible Driver under 'Sensor Options'.*
[5]*For use with TUNE Lamping. Lutron T-Series Driver is not compatible with Lutron Vive Lighting Control System.*

5. LENS

- ▮ **LENS** — Extra diffuse lens

6. FINISH (CHOOSE ONE. SEE PAGE 6 FOR LARGER SWATCHES AND ADDITIONAL INFORMATION)

STANDARD FINISHES

- ☐ **AS** ▪ Aluminum Silver Anodized Effect
- ☐ **SW** ☐ Satin White
- ☐ **SB** ▪ Satin Black
- ☐ **TB** ▪ Textured Black

PREMIUM FINISHES

BASIC POWDER COAT

- ☐ **GW** ☐ Gloss White
- ☐ **AW** ☐ Antimicrobial Gloss White
- ☐ **TW** ☐ Textured White

SATIN ANODIZED EFFECT POWDER COAT

- ☐ **OB** ▪ Oil-Rubbed Bronze
- ☐ **DB** ▪ Dark Bronze

METALLIC POWDER COAT

- ☐ **CG** ▪ Charcoal Gray
- ☐ **CU** ▪ Copper
- ☐ **BR** ▪ Brass

GLOSS POWDER COAT (80-95% GLOSS)

- ☐ **GO** ▪ Orange (RAL 2003)
- ☐ **GR** ▪ Red (RAL 3020)
- ☐ **GM** ▪ Magenta (RAL 4010)
- ☐ **GB** ▪ Blue (RAL 5015)

SPECIAL ORDER FINISHES

- ☐ **RAL____** Specify RAL Classic Color (Ex: RAL 3003) - Most RAL Colors are available for powder coat. See www.alw-inc.com/resources/finishes
- ☐ **CCM____** Custom Color Match - Specify a custom powder coat color match

7. VOLTAGE (CHOOSE ONE)

- ☐ **UNV** Universal Voltage (120VAC-277VAC)
- ☐ **347** 347 Volt *(Driver options may be limited. Not available with EMB)*

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

A. EMERGENCY OPTIONS

- ☐ **EMB/__ [6]** Emergency Battery *(indicate QTY — each battery powers 4ft. section @ 1492lm. Not available in 347V)*
- ☐ **EMC/__ [6]** Emergency Circuit *(indicate QTY of 4ft sections to be illuminated by emergency circuit)*

[6]*For fixtures under 4ft in length, entire fixture will be illuminated with a proportional lumen output. Consult ALW for more details.*

B. SENSOR OPTIONS (DEFAULT QUANTITY IS 1 SENSOR PER 8FT, INDICATE ALTERNATE QUANTITY IF DESIRED)

- ☐ **VRF/__ [7]** Lutron® Vive integral RF wireless fixture control (Lutron Part: DFCSJ-OEM-RF)
- ☐ **VDO/__ [7]** Lutron® Vive integral RF wireless fixture control + daylight/occ sensor (Lutron Part: DFCSJ-OEM-OCC)
- ☐ **FCJS/__ [8]** Lutron® Vive remote RF wireless fixture control (Lutron Part: FCJS-ECO or FCJS-010)
- ☐ **FCJS/S/__ [8]** Lutron® Vive remote RF wireless fixture control + daylight/occ sensor (Lutron Part: FCJS-ECO or FCJS-010, & FC-Sensor)
- ☐ **ENLGHT/__ [9]** Enlighted® remote connected lighting smart sensor (Enlighted Part: SU-5S-H) *(occupancy, daylight, networking, and more)*
- ☐ **ENLGHT/INT/__ [9]** Enlighted® integral connected lighting smart sensor (Enlighted Part: SU-5E) *(occupancy, daylight, networking, and more)*
- ☐ **OS/__** 0-10V integral occupancy sensor
- ☐ **PH/__** 0-10V integral photocell/daylight sensor

[7]*Lutron® Vive integral sensors are compatible with the following drivers: DALI driver or ECOSYS. Vive Sensors are not compatible with the Lutron T-Series Tunable White Driver. Programming required by Lutron Commissioner.*
[8]*Lutron® Vive remote sensors are compatible with the following drivers: 0/10V/S, 0/10V/1, 0/10V/0 driver or ECOSYS. Vive Sensors are not compatible with the Lutron T-Series Tunable White Driver. Programming required by Lutron Commissioner.*
[9]*Enlighted® sensors are compatible with the following drivers: 0/10V/S, 0/10V/1, 0/10V/0. Programming required by Enlighted Commissioner. Additional Enlighted sensor families included IoT Sensors and Enlighted One Sensors are also available as a custom order but not available as a QuickShip option. Contact Customer Support for more information.*
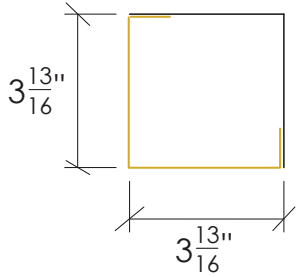
C. ADDITIONAL OPTIONS (COMPATIBLE ONLY WITH SUSPENDED MOUNT)

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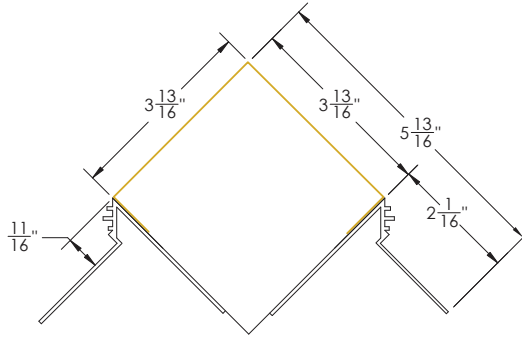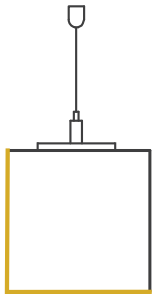- ☐ **SB** Seismic Bracing

SS081424-A.0

ALW

MECHANICAL DIAGRAMS — DIMENSIONS

$3\frac{13}{16}"$

$3\frac{13}{16}"$

$3\frac{13}{16}"$ $3\frac{13}{16}"$ $5\frac{13}{16}"$

$\frac{11}{16}"$ $2\frac{1}{16}"$

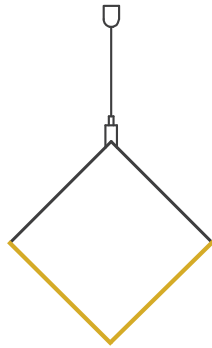**SUSPENDED / WALL / SURFACE MOUNT**

RECESSED

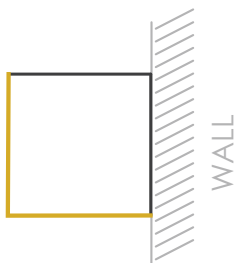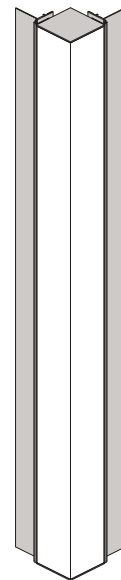## MECHANICAL DIAGRAMS — MOUNTING

NV3.5S
SUSPENDED "L"
w/ Adjustable
Suspension Bracket
for Balancing

NV3.5SD
SUSPENDED "DIAMOND"

WALL

WALL

NV3.5R
RECESSED MUD-IN

WALL

NV3.5WD
WALL DIRECT

WALL

NV3.5WI
WALL INDIRECT
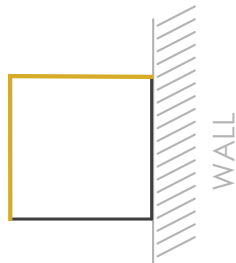
CEILING

WALL

CEILING or WALL

WALL
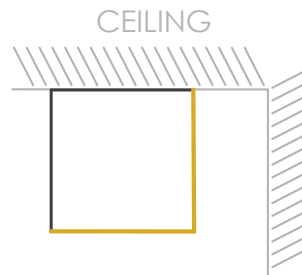
NV3.5SMB
SURFACE-MOUNT / CEILING

SS081424-A.0
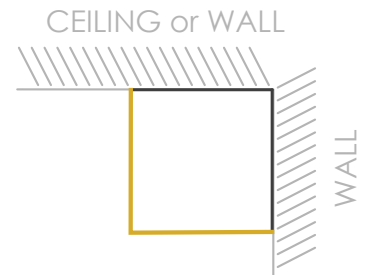
PERFORMANCE DETAILS — LED LAMPING

OUTPUT	DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)	CRI OPTIONS	CCT OPTIONS
LOW[10]	675	5.3	Up to ~129	80 90	2700K (90CRI Only) 3000K 3500K 4000K
MED[10]	925	7.2			
HI[10]	1175	9.1			
DECOR	311	5.9	52	N/A	3000K 3500K 4000K
TUNE	WW: 464 CW: 510 Total: 974	8.8	Up to ~115		2700K-6500K
RGB[11]	RGB: 122	4.4	N/A		N/A
RGBW[12]	RGB: 122 RGB+W: 317 White Only: 195	4.4		80 (White Chip)	3500K (White Chip)

NV3.5SD
NV3.5R

NV3.5S
NV3.5WD
NV3.5SMB

NV3.5WI

Polar Plot: Red (0-180º), Blue (90-270º)
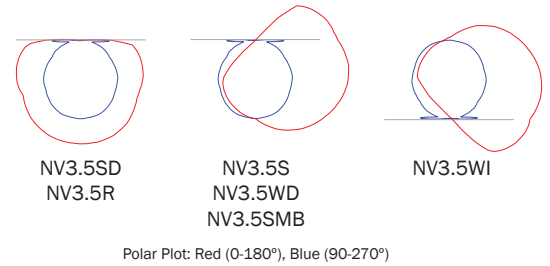
[10]Performance calculations are based on the following LM-79 test: 4000K, 80CRI, HIGH output. MED and LOW values are extrapolated distributions.
[11]Performance calculations are derived from LM-79 test with all RGB LEDs illuminated (Red, Green, Blue).
[12]Performance calculations are derived from the following LM-79 tests: 1) RGB LEDs illuminated, 2) RGB+W LEDs illuminated, 3) White LED only illuminated.
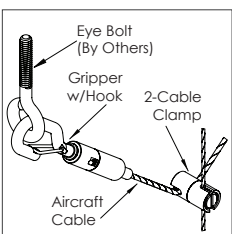
SUSPENSION MOUNTING

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.

Eye Bolt (By Others)
Gripper w/Hook
2-Cable Clamp
Aircraft Cable

SS081424-A.0

![ALW logo]

FINISHES

Standard finishes are available at no additional charge.

STANDARD FINISHES

SW	AS	SB	TB
Satin White	Aluminum Silver Anodized Effect	Satin Black	Textured Black

PREMIUM FINISHES

BASIC POWDER COAT

GW	AW	TW
Gloss White	Antimicrobial Gloss White	Textured Matte White

METALLIC POWDER COAT

CG	CU	BR
Charcoal Gray	Copper	Brass

SATIN ANODIZED EFFECT POWDER COAT

OB	DB
Oil-Rubbed Bronze	Dark Bronze

GLOSS POWDER COAT (80-95% GLOSS)

GO	GR	GM	GB
Orange RAL 2003	Red RAL 3020	Magenta RAL 4010	Blue RAL 5015
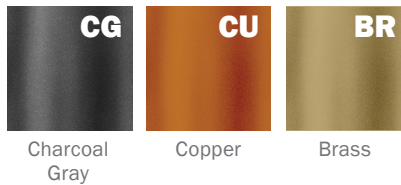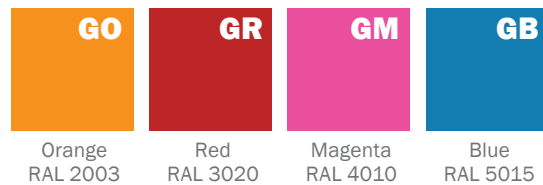
Contact ALW Quotes for sample paint finish swatches.

SPECIAL ORDER FINISHES*

RAL CLASSIC COLORS (80-95% GLOSS): RAL_ _ _ _
Most RAL Classic Colors are available for a minimum setup fee. On your specification submittal choose your RAL color by entering the 4-digit RAL code (Ex: RAL 3003). See www.alw-inc.com/resources/finishes

CUSTOM COLOR MATCH: CCM_ _ _ _
Custom powder coat color matching is available for a premium setup fee. Consult ALW for additional information.

*An individual setup fee will apply to each unique Special Order Finish per purchase order.
(ex: RAL 5023 and RAL 2008 are specified for multiple line items on a purchase order. 2x setup fees will apply)

*Printed or on-screen colors are only approximations - consult actual Color Chip Set before specifying
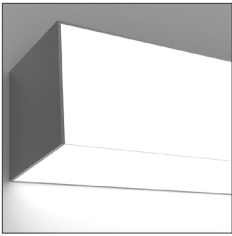
ADDITIONAL OPTIONS & SPECIFICATIONS

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: alw-inc.com

POWER CABLES

Power cables come standard in a transparent sheathing to match steel aircraft suspension cables. Please contact customer support if custom cables are required for your application. Power cables cannot be swapped in the field as it will void the ETL Safety Listing and Product Warranty.

CONTROLS, SENSORS, & LED DRIVER

ALW lighting fixtures are intended for use with a wide range of sensors, lighting controls, LED drivers, and building management systems. Our component portfolio is continually expanding to adopt to the latest technologies and specification needs. We currently support integration with Lutron, Enlighted, EldoLED, nLight, Osram, Philips, and more. If there's a component or system needed that you don't see on the spec sheet please contact ALW customer support today so we can review your requirements.