STARTEK
ARCHITECTURAL LIGHTING

Rep/Agent		Type	
Project			
Order No.		Date	

Nova Pro Suspended

Direct



Key Features

- Extruded aluminum single piece housing
- Linear runs available up to 100' with proprietary lens joiner for seamless optics
- 2', 4', 6' and 8' individual units or continuous rows
- 0-10V dimming to 1% is standard
- Efficacy up to 145 lm/W
- 120-277V for power enclosure

5 Year Warranty | BABA Compliant | BAA Compliant | Intertek | RoHS Compliant

Specifications

Construction

- Continuous extruded 6063 T5 aluminum
- Mechanically attached end caps with no exposed fasteners enhance architectural aesthetic and prevent light leak.

Dimensions

- Nominal dimensions: 2.0" x 2.4"

Finish

- Powder coated
- Colors: White, Black, Silver or Premium Finishes
- End Caps: Color-matched to housing
- Custom colors available. Consult factory for more information.

Luminaire Length

- Standard individual lengths: 2', 4', 6' or 8'
- Fixture and run lengths are available in 1/16" increments.
- Using internal joiners, sections can be joined to form longer, continuous rows.

Source

- CCT options: 2700K, 3000K, 3500K, 4000K, or 5000K
- All within 3 MacAdam ellipses
- 90 CRI (R9 50 min) available

Lensing

- 0.060" thick impact resistant acrylic lens
- Soft diffuse direct lighting

Operating Temperature

- -40°C to 50°C (-40°F to 122°F)

Lithium Ion Battery

- Provides up to 780 lm (6W) or up to 1300 lm (10W) for 90 minutes.
- Certifications: UL924 listed, Class 2 compliant, and Title 20 CEC (California Energy Commission) compliant

Dimming (Integral) Driver

- Constant current programmable LED driver
- Output current: 0-10V (Class 1 or Class 2)
- Surge protection: 2.5KV ring and wave
- Power factor: <0.93

Generator Transfer Device

- Luminaires with GTD option provides a UL924 shunt relay to bypass normal power, switches, and 0–10V dimming.

Certifications

- Build America Buy America compliant
- Buy American Act compliant
- Intertek cETLus Listed
- RoHS (Restriction of Hazardous Substances)
- Suitable for dry and damp locations

Packaging

- Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.

Warranty

- 5-year limited warranty.

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Ordering Logic

NOVPD-40-750-SD-35K-80-PW-ACW10-U-1C-1EMB10

Series	Length	Direct Output[1]	Direct Distribution	CCT	CRI
NOVPD			SD		
	XX - Run Length	**250 -** 250 LPF	**SD -** SatinIce Diffuse	**27K -** 2700K	**80 -** 80 CRI
	SXX - Symmetrical Run Length	**500 -** 500 LPF		**30K -** 3000K	**90 -** 90 CRI (R9 50 min)
		750 - 750 LPF		**35K -** 3500K	
		1000 - 1000 LPF		**40K -** 4000K	
		XXX - Custom LPF		**50K -** 5000K	
				TW - Tunable White[2] (2700K-6500K)	

Finish[3]	Mounting	Voltage	Circuiting	Emergency
Standard Powder Coat	**Cables w/ Canopy Kits**	**U -** 120-277V	**1C -** Single Circuit	**BLANK -** None
PW - White	**ACW05 -** 5' White Cord	**C -** 347V	**MC -** Multiple Circuits[4, 5]	**EC -** Emergency Circuit[8]
PB - Black	**ACW10 -** 10' White Cord		**DL -** Daylight Control[5, 6]	**#EMB6 -** 6W EM Battery[9, 10]
PS - Silver	**ACB05 -** 5' Black Cord		**NL -** Night Lights[5, 7]	**#EMB10 -** 10W EM Battery[9, 10]
Premium	**ACB10 -** 10' Black Cord			**#FCEMB10 -** 10W EM Battery[9, 11]
RALXXXX - Powder Coat Gloss Finish	**Cables w/ Loops**			**#FCEMB14 -** 14W EM Battery[9, 11]
PSFX - Premium Stock Finish	**ALW10 -** 10' White Cord			**#GTD -** Generator Transfer Device w/ ALCR[12]
Custom Powder Coat	**ALB10 -** 10' Black Cord			
PO - Powder Other	**Other**			
	RMW - Rotational Mount, 10' White Cord			
	RMB - Rotational Mount, 10' Black Cord			

Options

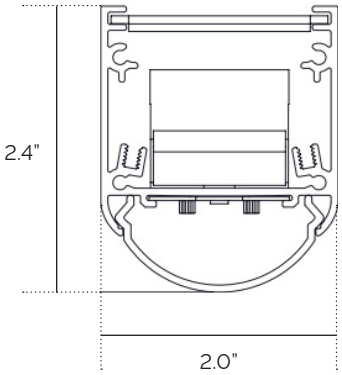
Specialty Drivers[13]	Sensors
DT1 - eldoLED EcoDrive Dim to 1% (0-10V)	**DMXX% -** Daylight/Motion Sensor (XX%-% Min. Dimming)
DTZ - eldoLED SoloDrive Dim to 0.1% (0-10V)	**AWNR -** Lutron Athena Wireless Node (RF Only)[16]
PSRD - Philips Sensor Ready (DALI) Driver	**AWNS -** Lutron Athena Wireless Node w/ Sensor[16]
LDE1 - Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black	
TW-A - Tunable White, 0-10V[14]	
TW-EL - eldoLED DUALdrive Tunable White (DALI)[14]	
LD2 - Lutron DALI 2 Digital Tunable White Driver w/ 1% Dimming[15]	

Ordering Notes

1. 200 LPF min. output / 1500 LPF max. output.
2. Tunable White Driver must be specified in options.
3. See page 3 for standard and premium options.
4. Customer to specify number of zones and locations through factory submittal drawings.
5. Multiple low and line control zones.
6. Multiple low voltage control zones for daylight control.
7. Multiple unswitched wires for night light control zones.
8. Separate power, transfer devices provided by others.
9. '#' indicates number per run.
10. Provided by Iota/Bodine.
11. EM battery is factory choice.
12. Iota EDS-DR Emergency Control Device
13. Standard driver is 0-10V, dim to 1% output current.
14. 75 Watt Max. Dual driver required for higher fixture wattage.
15. 50 Watt Max. Dual driver required for higher fixture wattage.
16. Athena sensor matches finish for white and black fixtures.

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Dimensions



Lumen Packages

Length	Lumens	Input Wattage	LPW
4'	3000	23	131
8'	6000	43	138

NOTE: Based on 3500K CCT. Other CCT available.

Finishes

Standard



PW: White



PB: Black



PS: Silver

Premium Stock



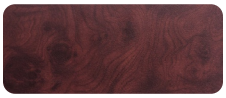
PSF001: Wood 1



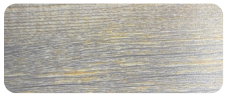
PSF002: Wood 2



PSF003: Wood 3



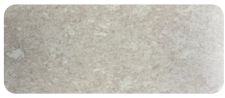
PSF004: Wood 4



PSF005: Wood 5



PSF006: Wood 6



PSF007: Stone 1



PSF008: Stone 2

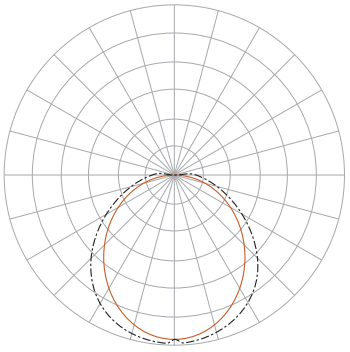


PSF009: Stone 3

NOTE: A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

All other custom finishes (PO) will incur a set up fee and will add an extended lead time to your project.

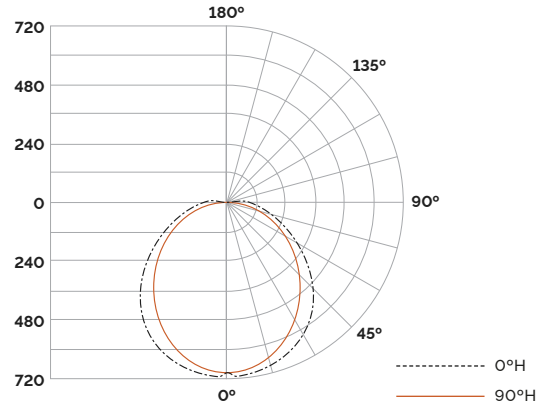
Distribution



Direct: SatinIce Diffuse (SD)

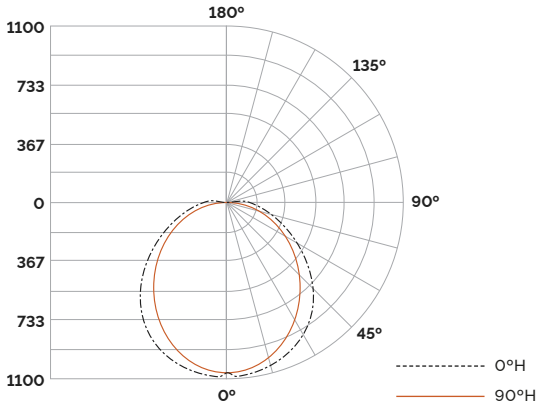
Performance

NOVPD-X-500-SD (80+ CRI)



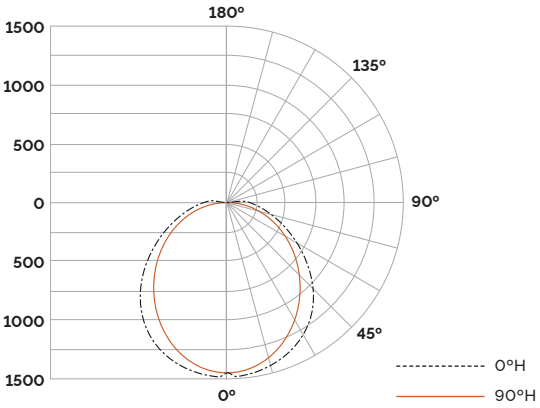
CCT	Length	Lumens	Wattage	LPW
3000K	4'	2500	17	121
	8'	4000	31	131
3500K	4'	2000	16	123
	8'	4000	30	133
4000K	4'	2000	16	125
	8'	4000	30	135
5000K	4'	2000	16	128
	8'	4000	29	140

NOVPD-X-750-SD (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	3000	23	129
	8'	6000	44	136
3500K	4'	3000	23	131
	8'	6000	43	138
4000K	4'	3000	23	133
	8'	6000	43	140
5000K	4'	3000	22	137
	8'	6000	41	145

NOVPD-X-1000-SD (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	4000	33	123
	8'	8000	65	127
3500K	4'	4000	32	125
	8'	8000	64	128
4000K	4'	4000	31	127
	8'	8000	62	130
5000K	4'	4000	31	130
	8'	8000	60	135

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Row Configurations

XX (Run Length)

The standard construction of run lengths follows the logic of the table below. Consult factory for additional information. Run lengths always start with the longest fixture and receives the power feed.

NOTE: Fixtures in continuous runs are available in 6" increments. Consult factory for smaller increments.

Total Length (Feet)	# of Sections						
	2	3	4	5	6	7	8
2	1						
3		1					
4			1				
5				1			
6					1		
7						1	
8							1
9			1	1			
10			1		1		
11		1					1
12			1				1
13				1			1
14					1		1
15						1	1
16							2
17			1	1			1
18			1		1		1
19		1					2
20			1				2
21				1			2
22					1		2
23						1	2
24							3
25			1	1			2
26			1		1		2
27		1					3
28			1				3
29				1			3
30					1		3
31						1	3
32							4
33			1	1			3
34			1		1		3
35		1					4
36			1				4
37				1			4
38					1		4
39						1	4
40							5

SXX (Symmetric Run)

The construction of SXX (y') is to build with equal length fixtures. The xx indicates the run length. The y' indicates the fixture length used to create the run. Please indicate this on your P.O. when placing your order.

S12' (2')	2'	2'	2'	2'	2'	2'
S12' (3')	3'	3'	3'	3'		
S12' (4')	4'	4'	4'			
S12' (6')	6'	6'				

Maximum Run Lengths

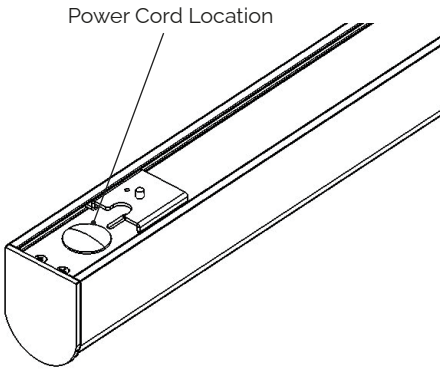
Maximum run lengths are calculated based on wattage consumed per foot utilizing 8' fixtures.

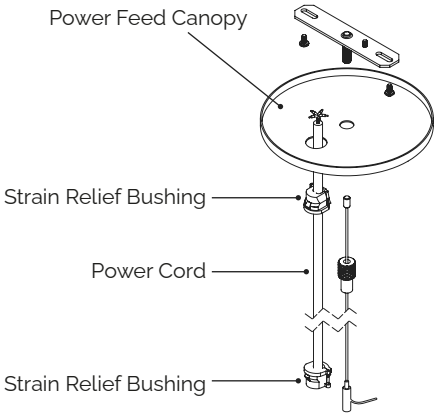
Wattage (Per Fixture)	Voltage	Max. Length
93-75W	120	103
	277	238
74-60W	120	127
	277	298
59-50W	120	162
	277	374
> 50W	120	190
	277	442

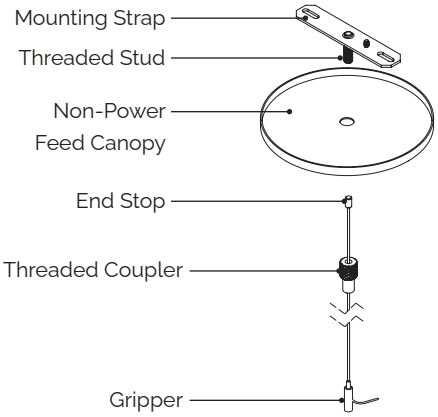
Mounting

ACXXX (Aircraft Cable with Canopy)

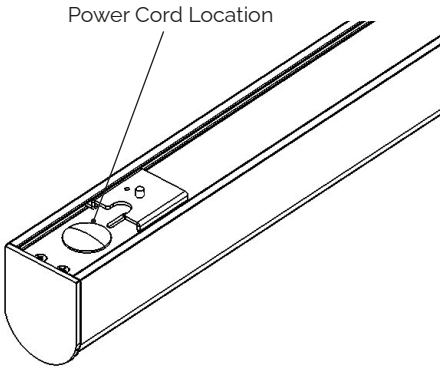
Drywall, Solid, Tile (On-Grid), and Tile (Off-Grid)

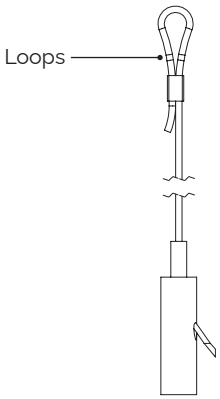




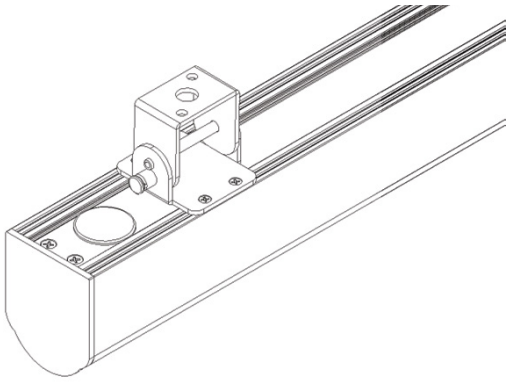


ALXXX (Aircraft Cable with Loops)





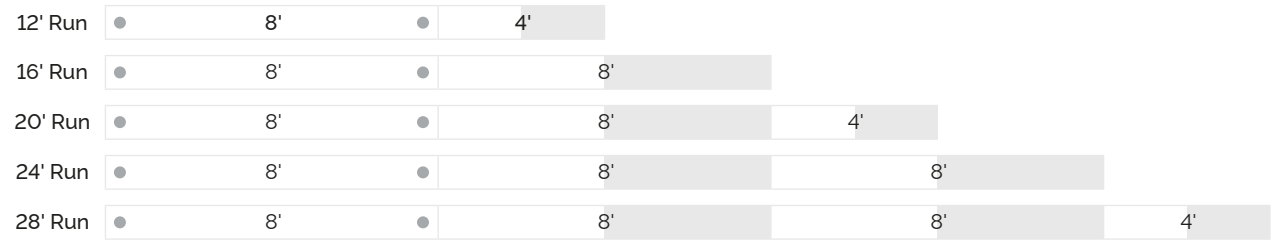
RMX (Rotational Mount)



Mounting Locations

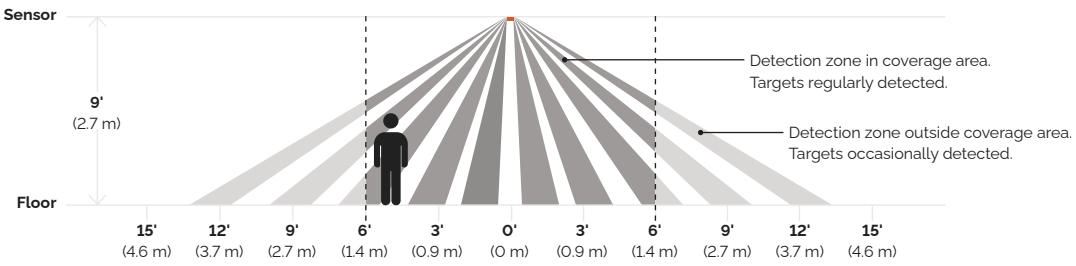
Each starter or individual fixture will be provided with (2) mounting supports (●). Each additional fixture will be provided with (1) support which can be located anywhere along the second half of the fixture (highlighted below):

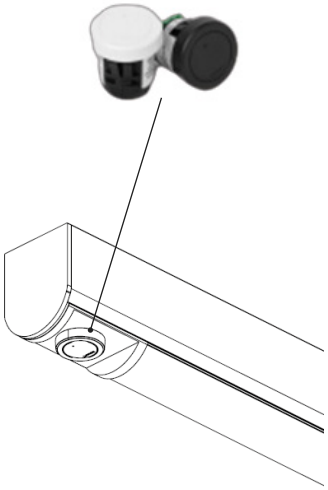
Examples of continuous run mounting locations are as follows:



Controls

Wireless Node





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