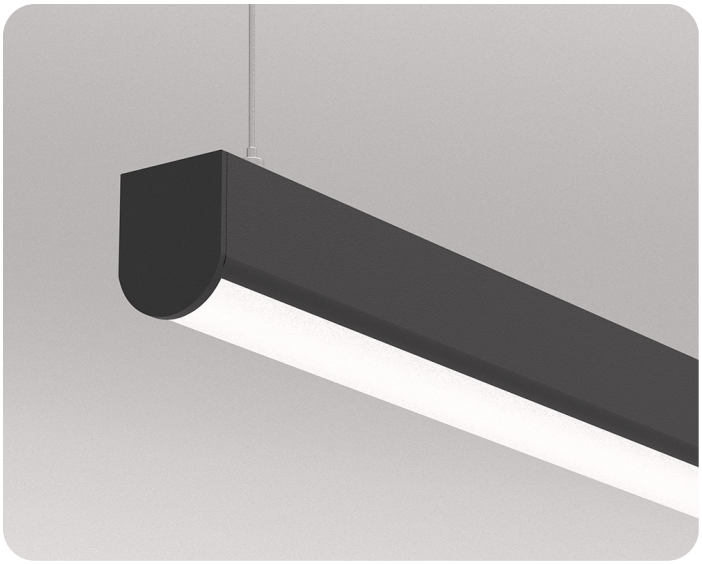
STARTEK
ARCHITECTURAL LIGHTING

Rep/Agent		Type	
Project			
Order No.		Date	

Nova Pro Suspended

Direct / Indirect



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 147 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.

The information in this document is subject to change without notice.
Contact STARTEK for most up to date product details.

Ordering Logic

NOVPDI-40-750-500-SD-CL-35K-PW-ACW10-U-1EMB10

Series	Length	Direct Output[1]	Indirect Output[1]	Direct Distribution	Indirect Distribution
NOVPDI				SD	
	XX - Run Length	**250 -** 250 LPF	**250 -** 250 LPF	**SD -** SatinIce Diffuse	**CL -** Clear Lens
	SXX - Symmetrical Run Length	**500 -** 500 LPF	**500 -** 500 LPF		**BW -** Batwing
		750 - 750 LPF	**750 -** 750 LPF		
		1000 - 1000 LPF	**1000 -** 1000 LPF		
		XXX - Custom LPF	**XXX -** Custom LPF		

CCT	CRI	Finish[3]	Mounting	Voltage	Circuiting
27K - 2700K	**80 -** 80 CRI	**Standard Powder Coat**	**Cables w/ Canopy Kits**	**U -** 120-277V	**1C -** Single Circuit
30K - 3000K	**90 -** 90 CRI (R9 50 min)	**PW -** White	**ACW05 -** 5' White Cord	**C -** 347V	**2C -** Separate D/I Circuits[4]
35K - 3500K		**PB -** Black	**ACW10 -** 10' White Cord		**MC -** Multiple Circuits[5, 6]
40K - 4000K		**PS -** Silver	**ACB05 -** 5' Black Cord		**DL -** Daylight Control[5, 7]
50K - 5000K		**Premium**	**ACB10 -** 10' Black Cord		**NL -** Night Lights[5, 8]
TW - Tunable White[2] (2700K-6500K)		**RALXXXX -** Powder Coat Gloss Finish	**Cables w/ Loops**		
		PSFX - Premium Stock Finish	**ALW10 -** 10' White Cord		
		Custom Powder Coat	**ALB10 -** 10' Black Cord		
		PO - Powder Other	**Other**		
			RMW - Rotational Mount, 10' White Cord		
			RMB - Rotational Mount, 10' Black Cord		

Emergency	Options	
BLANK - None	**Specialty Drivers[14]**	**Sensors**
EC - Emergency Circuit[9]	**DT1 -** eldoLED EcoDrive Dim to 1% (0-10V)	**DMXX% -** Daylight/Motion Sensor (XX%=% Min. Dimming)
#EMB6 - 6W EM Battery[10, 11]	**DTZ -** eldoLED SoloDrive Dim to 0.1% (0-10V)	**AWNR -** Lutron Athena Wireless Node (RF Only)[17]
#EMB10 - 10W EM Battery[10, 11]	**PSRD -** Philips Sensor Ready (DALI) Driver	**AWNS -** Lutron Athena Wireless Node w/ Sensor[17]
#FCEMB10 - 10W EM Battery[10, 12]	**LDE1 -** Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black	
#FCEMB14 - 14W EM Battery[10, 12]	**TW-A -** Tunable White, 0-10V[15]	
#GTD - Generator Transfer Device w/ ALCR[13]	**TW-EL -** eldoLED DUALdrive Tunable White (DALI)[15]	
	LD2 - Lutron DALI 2 Digital Tunable White Driver w/ 1% Dimming[16]	

Ordering Notes

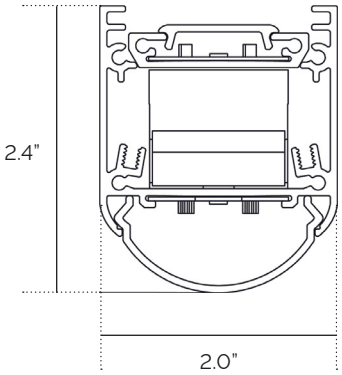
1. 200 LPF min. output / 1500 LPF max. output.
2. Tunable White Driver must be specified in options.
3. See page 3 for standard and premium options.
4. Separate D/I switched power and dimming (shared neutral).
5. Customer to specify number of zones and locations through factory submittal drawings.
6.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

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Nova Pro Suspended

Direct / Indirect

Dimensions



Lumen Packages

Length	Lumens	Input Wattage	LPW
4'	4400	33	135
4'	4000	31	129

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

Finishes

Standard



PW: White



PB: Black



PS: Silver

Premium Stock



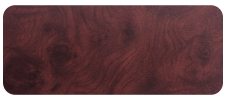
PSF001: Wood 1



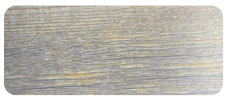
PSF002: Wood 2



PSF003: Wood 3



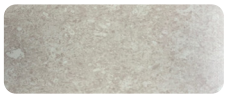
PSF004: Wood 4



PSF005: Wood 5



PSF006: Wood 6



PSF007: Stone 1



PSF008: Stone 2

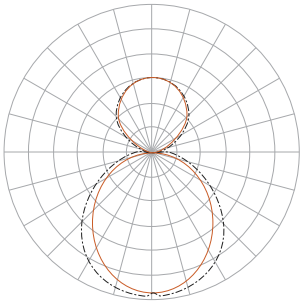


PSF009: Stone 3

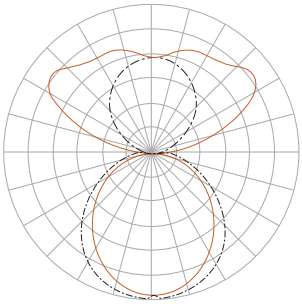
NOTE: A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

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

Distribution



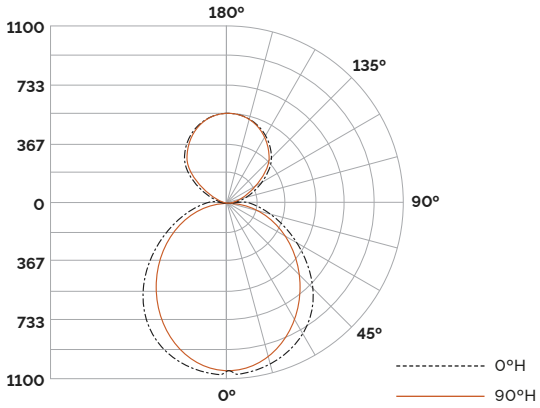
Indirect: Clear Lens (CL)
Direct: SatinIce Diffuse (SD)



Indirect: Batwing (BW)
Direct: SatinIce Diffuse (SD)

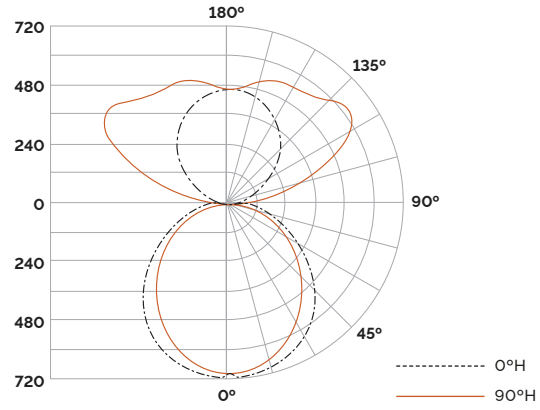
Performance

NOVPD-X-750-350-SD-CL (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	4400	33	135
	8'	8800	65	135
3500K	4'	4400	32	138
	8'	8800	64	138
4000K	4'	4400	31	140
	8'	8800	62	141
5000K	4'	4400	31	144
	8'	8800	60	147

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



CCT	Length	Lumens	Wattage	LPW
3000K	4'	4000	31	129
	8'	8000	61	131
3500K	4'	4000	30	133
	8'	8000	59	135
4000K	4'	4000	29	136
	8'	8000	58	138
5000K	4'	4000	28	141
	8'	8000	56	143

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

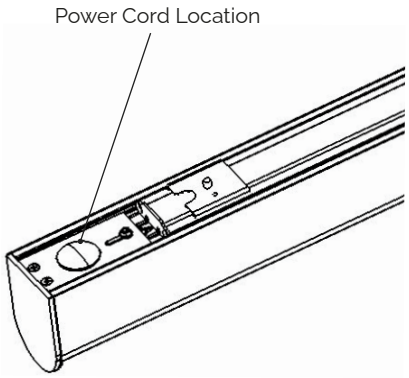
Maximum run lengths are calculated based on wattage consumed per foot utilizing 8' fixtures.

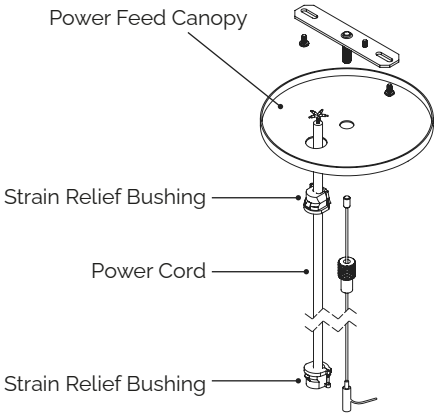
Wattage (Per Fixture)	Voltage	Max. Length
93-75W	120	103
	277	238
74-60W	120	127
	277	298
59-50W	120	162
	277	374
> 50W	120	190
	277	442

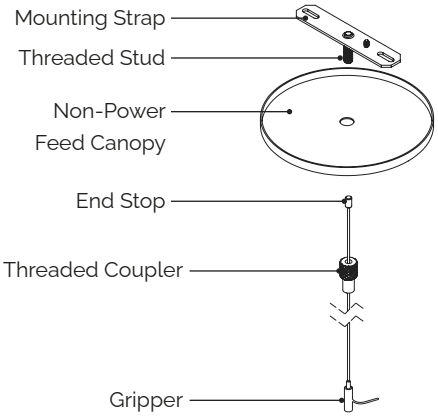
Mounting

ACXXX (Aircraft Cable with Canopy)

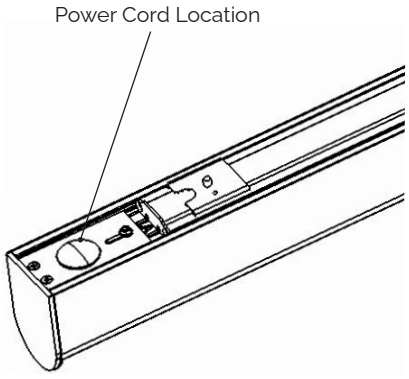
Drywall, Solid, Tile (On-Grid), and Tile (Off-Grid)

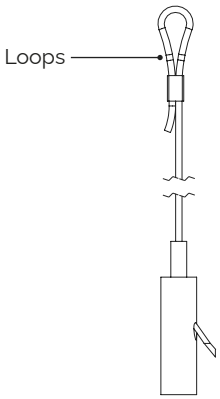




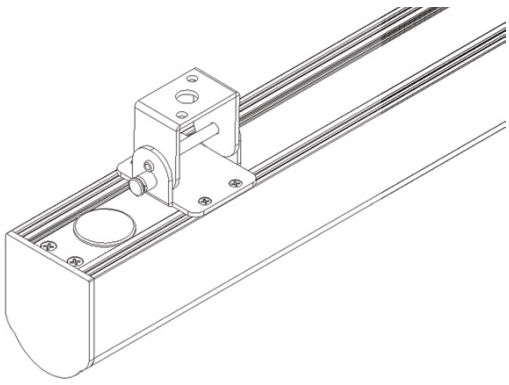


ALXXX (Aircraft Cable with Loops)





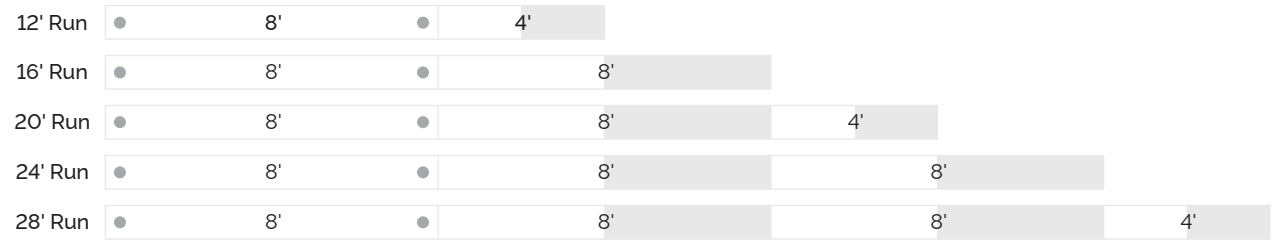
RMX (Rotational Mount)



Mounting Locations

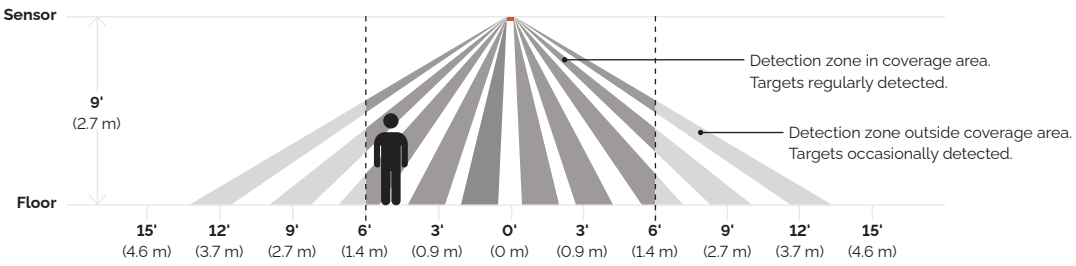
Each starter or individual fixture will be provided with (2) mounting supports (●). Each additional fixture will be provided with (1) support which can be located anywhere along the second half of the fixture (highlighted below):

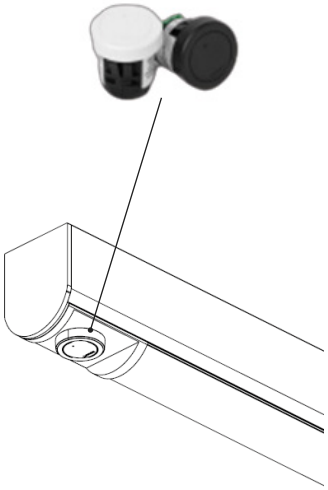
Examples of continuous run mounting locations are as follows:



Controls

Wireless Node





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