

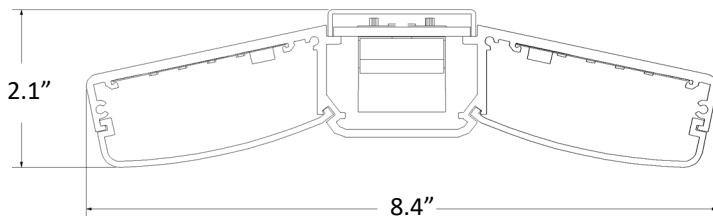
Avion

Direct/Indirect

Type:	
Project:	
REP/Agent:	
Order #:	



DIMENSIONS



FEATURES

- Architectural High Bay
- Extruded aluminum single piece housing
- Efficacy up to 151lm/W
- Soft diffuse lighting with acrylic lens standard
- Textured powder coat finishes available in white and black
- Custom powder coat colors available upon request
- 0-10v dimming is standard
- Dim to 1% of output current is standard
- Natatorium rating available
- 90 CRI (R9 50min) available
- CA Title 24 / JA8 installation compatible



LUMEN PACKAGES

Based on 3500K CCT. Other CCT available.

MODEL	LUMENS	INPUT WATTS	Lm/W
AVNDI-18-H-35K	9,215	64	144
AVNDI-36-H-35K	18,721	128	146

Standard configuration is 80% Direct / 20% Indirect

ORDERING LOGIC

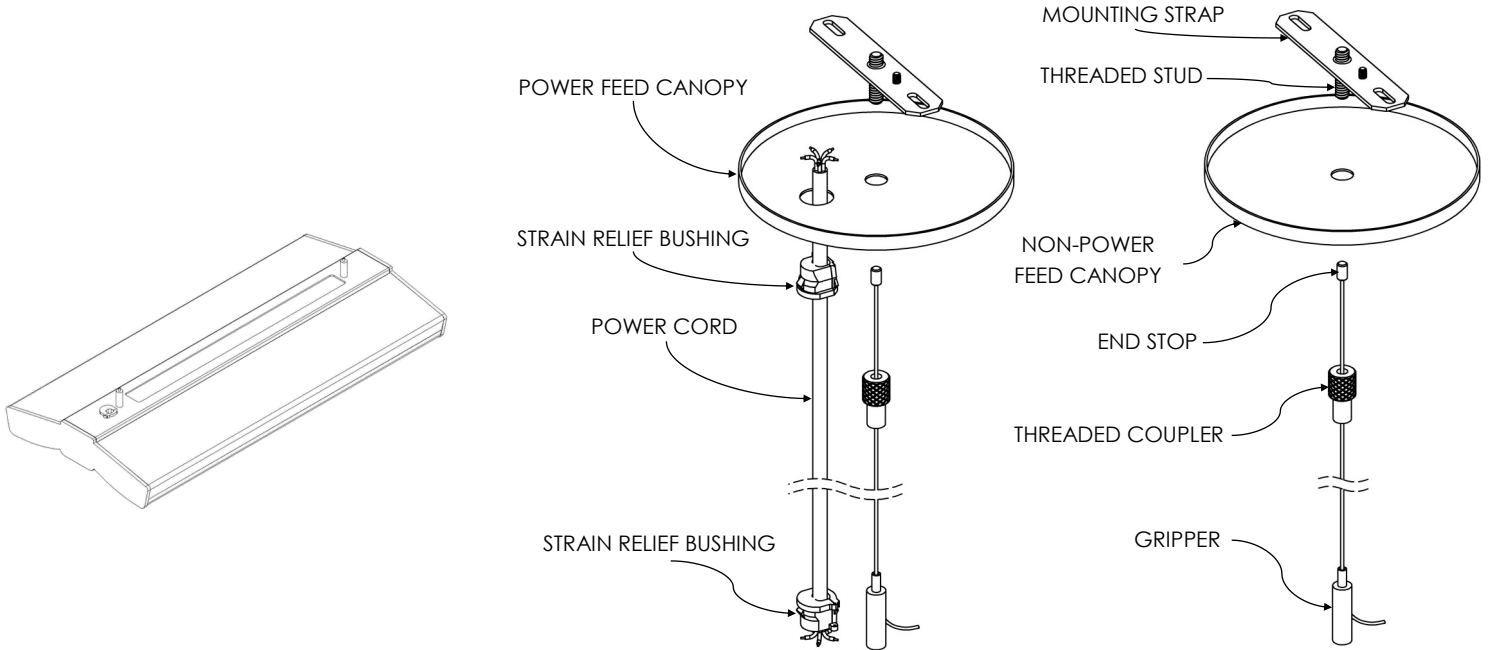
SERIES	OUTPUT	CCT	CRI	FINISH	MOUNTING	VOLTAGE	OPTIONS
AVNDI-18=	H= High	30K= 3000K	80= 80	<u>STANDARD</u>	<u>CABLES WITH CANOPY KITS</u>	U= 120-277	<u>BATTERIES</u> (# indicates quantity)
18" Length		35K= 3500K	90= 90 (R9 50min)	PB= Powder Coat Black	ACW05= White Cord 5'	C= 347	EMB6= 6W EM Battery
AVNDI-36=		40K= 4000K		PW= Powder Coat White	ACW10= White Cord 10'		(Iota/Bodine)
36" Length		50K= 5000K		<u>PREMIUM</u>	ACB05= Black Cord 5'		EMB10= 10W EM Battery
				RALxxx= Powder Coat	ACB10= Black Cord 10'		(Iota/Bodine)
				RALxxx	<u>CABLES WITH LOOPS</u>		<u>OTHER</u>
				<u>CUSTOM</u>	ALW10= White Cord 10'		NAT= Natatorium
				PO= Powder Other	ALB10= Black Cord 10'		WG= Wire Guard
					<u>STEMS WITH CANOPY KITS</u>		NPx= Nema Plug (Various)
					STEMWxx= Stem White, xx"		
					STEMBxx= Stem Black, xx"		
					<u>OTHER</u>		
					RM= Rotational Mount		

EXAMPLE: AVNDI-36-H-35K-80-PB-ALB10-U-EMB10

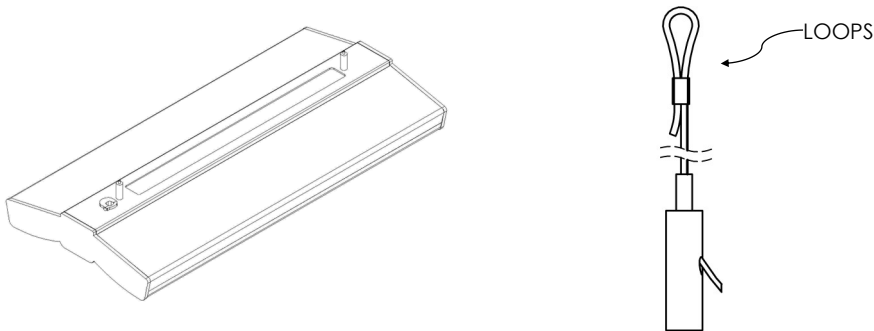
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MOUNTING OPTIONS

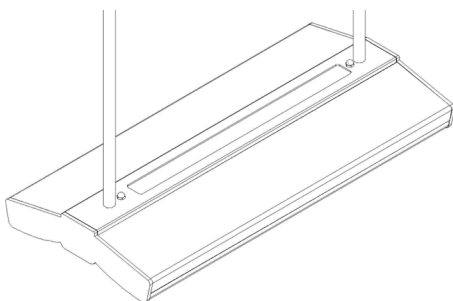
ACxxx (Aircraft Cable with Canopy) - Drywall, Solid, Tile (On-Grid), Tile (Off-Grid)



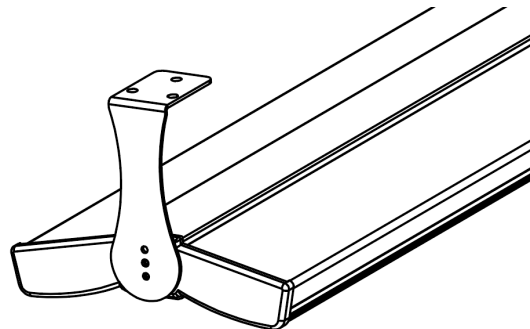
ALxxx (Aircraft Cable with Loops)



STEMXxx (Stem Mount with Canopy)



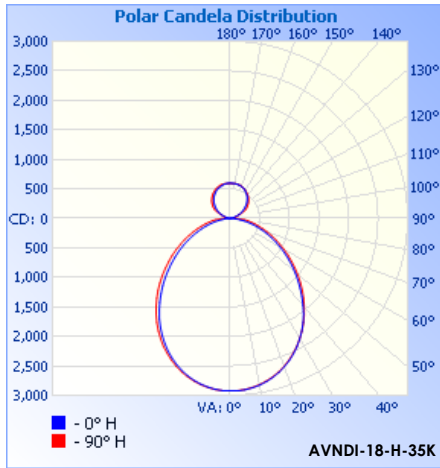
RM (Rotational Mount)



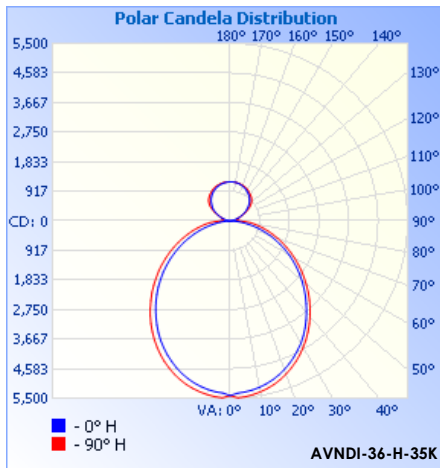
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PERFORMANCE

HIGH OUTPUT (80+ CRI)



Model	Lumens	Watts	LPW
AVNDI-18-H-30K	9,139	64	143
AVNDI-18-H-35K	9,215	64	144
AVNDI-18-H-40K	9,292	64	145
AVNDI-18-H-50K	9,445	64	148



Model	Lumens	Watts	LPW
AVNDI-36-H-30K	18,526	128	145
AVNDI-36-H-35K	18,721	128	146
AVNDI-36-H-40K	18,917	128	148
AVNDI-36-H-50K	19,307	128	151

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SPECIFICATIONS

Housing

Nominal 2" x 8 1/2" housing of continuous extruded 6063 T5 aluminum.

Color

Colors for the housing are available in a powder coated white and black with end cap to match. Consult factory for custom colors.

Luminaire Length

Two standard lengths are available. AVND-18 measures 17.5". AVND-36 measures 34.5".

End Caps

Injection molded flat end caps are mechanically attached with no exposed fasteners to enhance architectural aesthetic and prevent light leak.

Source

One standard lumen packages are available in four color temperature options (3000K, 3500K, 4000K and 5000K) — all within 3 MacAdam ellipses.

Certification

Intertek cETLus Listed. RoHS (Restriction of Hazardous Substances) and Buy American Act compliant.

Battery

Philips Bodine lithium ion battery providing up to 780lm(6W) or up to 1300lm(10W) for 90 minutes. UL924 listed. Class 2 compliant. Meets Title 20 CEC (California Energy Commission) efficiency standards.

Environment

Suitable for dry and damp locations.
Operating temp.: -40°C to +45°C
-40°F to +113°F

Dimming Driver

Universal Lighting Technologies (ULT) Everline series of LED drivers allows tunable output currents to achieve infinite configurations of output. UL Class 2 recognized. 0-10v interface can be wired as Class 1 or Class 2 circuit. Included 2.5Kw ring and wave over-current protection, isolation of each individual output and a fully potted driver to protect from heat and vibration. Power factor >.98

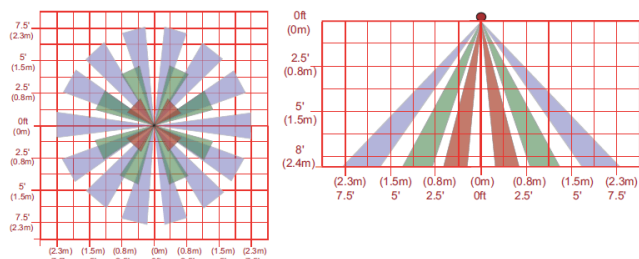
Natatorium Rating

Avion fixtures can be manufactured using a special pre-treatment and coating process that ensures the fixture can be installed in natatoriums as well as environments with high concentrations of chlorine or salt and still maintain the 5 year warranty. For this natatorium rated process please specify NAT in options.

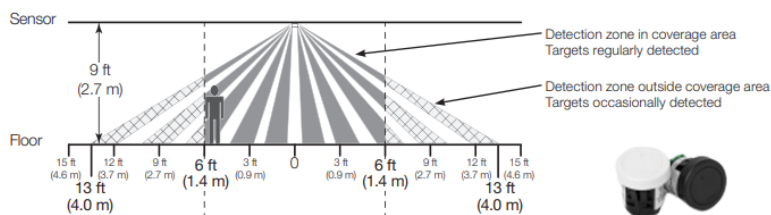
CONTROL

Sensor

Wattstopper FS-205 v2 Low Voltage PIR. Integrated photosensor for hold-off daylighting control. 24VDC operating voltage. Adjustable time delay (30 seconds to 30 minutes).



Wireless Node



WARRANTY

5-year limited warranty. Complete warranty terms can be located at:

http://www.starteklightingamerica.com/images/pdf/warranty/Architectural_Bay_Series_Warranty.pdf

Note: Actual performance may differ as a result of installation environment and final application. All values are design or typical values, measured under laboratory conditions, at 25°C (77°F).

COMPANION PRODUCTS

Avion Direct

