

Avion Surface

Direct

Key Features

- Architectural high bay
- Extruded aluminum single piece housing
- Soft diffuse direct lighting
- Two standard lumen packages
- 0-10V dimming to 1% is standard
- Efficacy up to 153 lm/W



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 8.4"

Finish

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

Luminaire Length

- Available lengths: 17.5" (AVND-18) or 34.5" (AVND-36)

Source

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

Lensing

- 0.080" 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 Driver

- LED Driver provided by Universal Lighting Technologies (ULT) Everline Series
- Tunable output with infinite configurations
- Output current: 0-10V (Class 1 or Class 2)
- Surge protection: 2.5KV ring and wave
- Power factor: >0.98

Generator Transfer Device

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

Natatorium Rating

- Special treatment and coating are available for natatorium and other high-chlorine or high-salt environments while maintaining the 5-year warranty. Specify NAT in the options section.

Certifications

- Build America Buy America compliant
- Buy American Act compliant
- Intertek cETLus Listed
- RoHS (Restriction of Hazardous Substances)
- JA8 compliant
- Suitable for dry and damp locations

Packaging

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

Warranty

- 5-year limited warranty



Ordering Logic

AVND-36-S-35K-80-PB-BX-U-EMB10

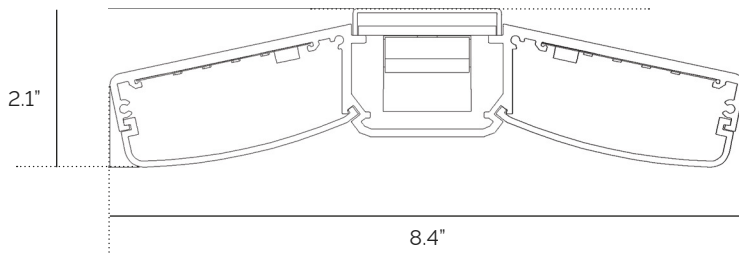
Series	Length	Direct Output	CCT	CRI	Finish ¹
AVND					
	18 - 18" Length	S - Standard	27K - 2700K	80 - 80 CRI	Standard Powder Coat
	36 - 36" Length	H - High	30K - 3000K	90 - 90 CRI (R9 50 min)	PW - White
			35K - 3500K		PB - Black
			40K - 4000K		Premium
			50K - 5000K		RALXXXX - Powder Coat Gloss Finish
					Custom Powder Coat
					PO - Powder Other

Mounting	Voltage	Emergency	Options
BM			
BX - Box/Conduit Mount	U - 120-277V	BLANK - None	NAT - Natatorium Rated
	C - 347V	#EMB6 - 6W EM Battery ^{2,3}	WG - Wire Guard
		#EMB10 - 10W EM Battery ^{2,3}	NPX - Nema Plug (Various)

Ordering Notes

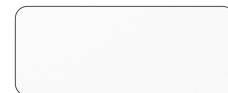
- See page 3 for standard options.
- '#' indicates number per run.
- Provided by Iota/Bodine.

Dimensions



Finishes

Standard



PW: White



PB: Black

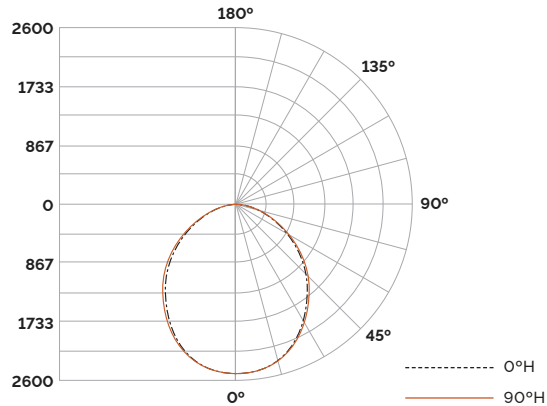
Lumen Packages

Output	Length	Lumens	Input Wattage	LPW
Standard	18"	6517	45	145
	36"	9223	64	144
High	18"	13263	91	146
	36"	18676	130	144

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

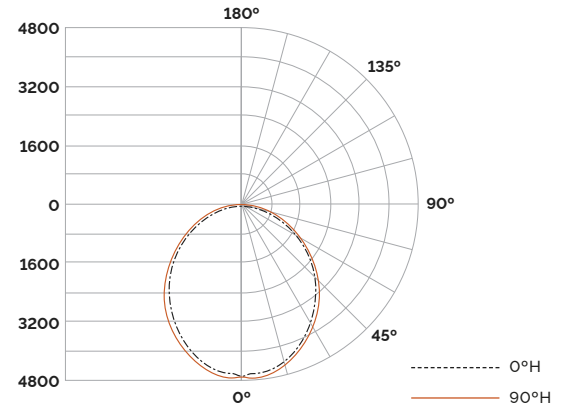
Standard Output Performance

AVND-18-S-35K (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	18"	6450	45	143
3500K	18"	6517	45	145
4000K	18"	6584	45	146
5000K	18"	6718	45	149

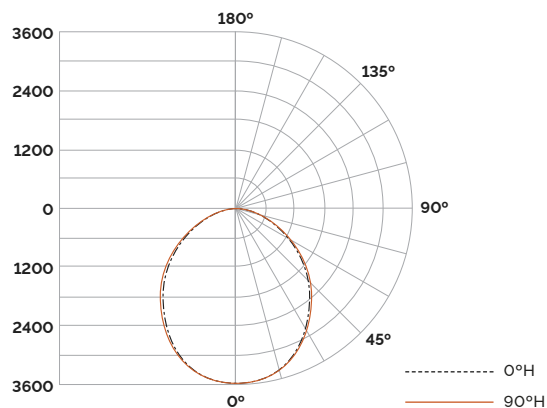
AVND-36-S-35K (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	36"	13055	91	143
3500K	36"	13263	91	146
4000K	36"	13472	91	148
5000K	36"	13889	91	153

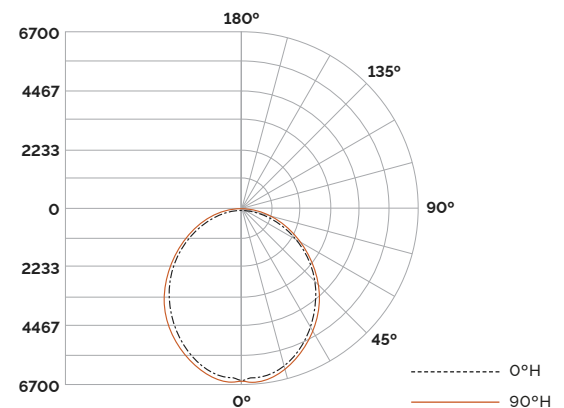
High Output Performance

AVND-18-H-35K (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	18"	9107	64	142
3500K	18"	9223	64	144
4000K	18"	9339	64	146
5000K	18"	9572	64	150

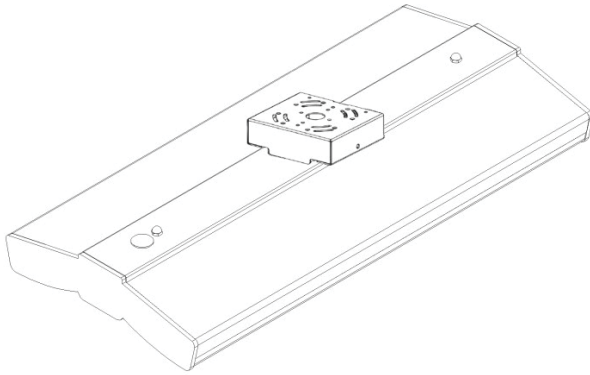
AVND-36-H-35K (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	36"	18371	130	141
3500K	36"	18676	130	144
4000K	36"	18982	130	146
5000K	36"	19594	130	151

Mounting

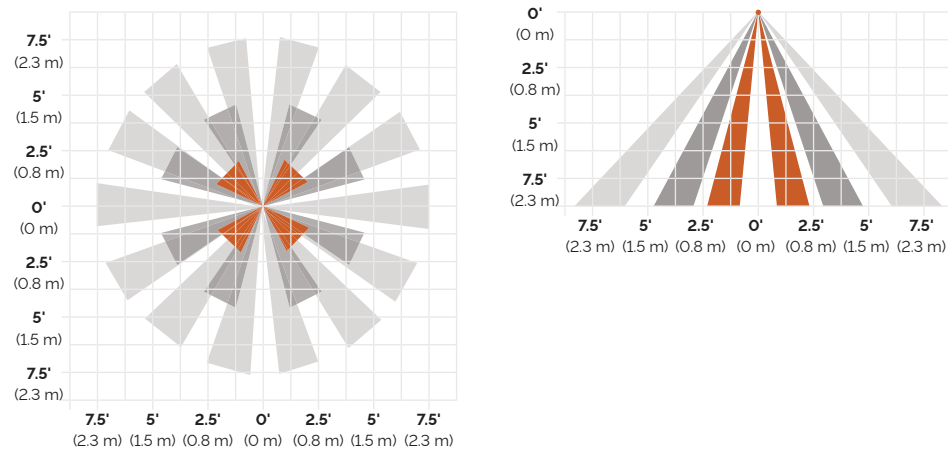
BX (Box Mount)



Controls

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

