STARTEK
ARCHITECTURAL LIGHTING

Rep/Agent		Type	
Project			
Order No.		Date	

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

5 Year Warranty | BABA Compliant | BAA Compliant | Natatorium Rated | 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 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: 2700K, 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

- Constant current programmable LED driver
- Output current: 0-10V (Class 1 or Class 2)
- Surge protection: 2.5KV ring and wave
- Power factor: >0.98

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

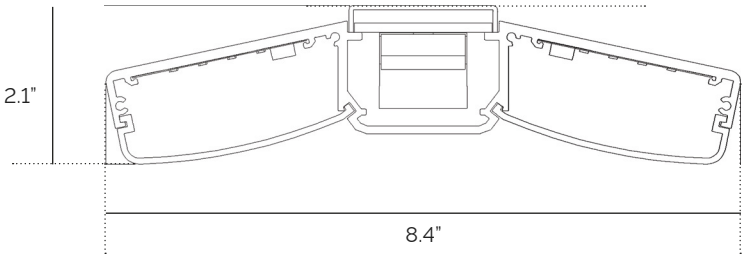
Series	Length	Direct Output	CCT	CRI	Finish[1]
AVND					
	18 - 18" Length	**S -** Standard	**27K -** 2700K	**80 -** 80 CRI	**Standard Powder Coat**
	36 - 36" Length	**H -** High	**30K -** 3000K	**90 -** 90 CRI (R9 50 min)	**PW -** White
			35K - 3500K		**PB -** Black
			40K - 4000K		**Premium**
			50K - 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]	**WG -** Wire Guard
		EMB10 - 10W EM Battery[2]	**NPX -** Nema Plug (Various)

Ordering Notes

1. See page 3 for standard options.
2. Provided by Iota/Bodine.

Dimensions



Finishes

Standard

PW: White

PB: Black

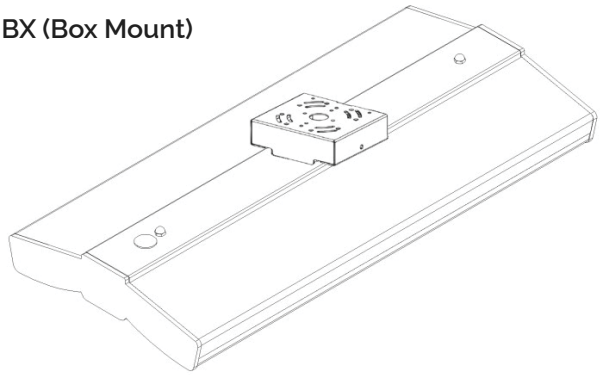
Lumen Packages

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.

Mounting

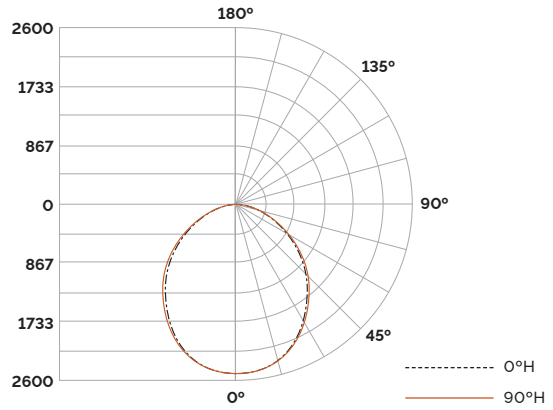
BX (Box Mount)



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

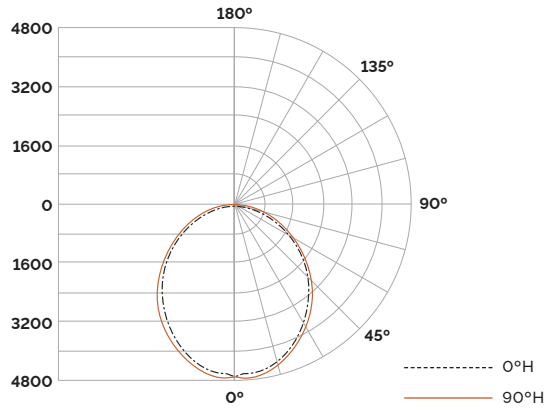
Standard Output Performance

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

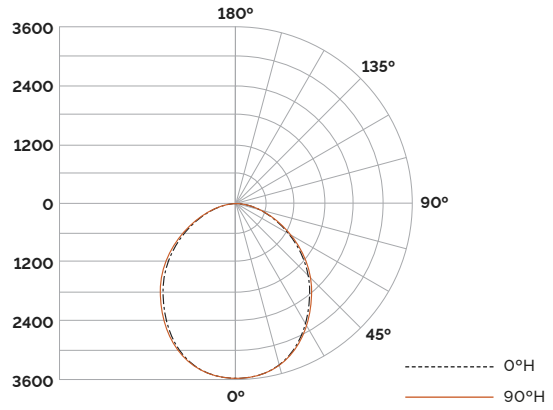
AVND-36-S-35K (80+ CRI)



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

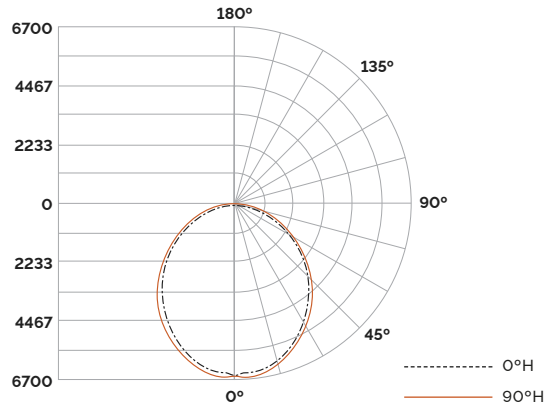
High Output Performance

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-18-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