JAVELIN Series LED

PROJECT NAME	
CATALOG #	
NOTES	

UL LISTED · DLC · NSF · CE · RoHS

TACTIK LIGHTING · IP66 · IK10

FEATURES

> IP69K ingress protection rating for high-pressure, high-temperature wash-down applications. Dust tight with the ability to withstand high-pressure and steam cleaning.

> IK10 impact protection, ideal for areas likely exposed to damage or high impact such as industrial areas, high traffic areas, public access areas, prisons, and schools.

> UL 94v0 rated materials used for low flame spread and minimal smoke generation. They are ideal for use in high-heat and flammable environments such as aerospace, where safety is a top priority.

> Aluminum breather on end-cap to reduce moisture build up internal to fixture.

> UL Class P Certified Flicker Free Driver

> Housing: UV resistant Polycarbonate (PC) standard, Corrosion resistant Acrylic (PMMA) optional. Both options can be made with a clear or frosted lens.

> Hardware: Corrosion resistant S316 stainless steel.

> Power Factor: >0.95

> Efficacy: Standard 130lm/W, 150lm/W optional

> Fixture length options include: 2' (20W), 4' (36W), 5' (45W)

APPLICATIONS

> Food processing spaces
> Pharmaceutical factories
> Farms, hatcheries, animal housing
> Car washes
> Supermarkets

LINKING SERIES CONNECTION

POWER (W)	INPUT VOLTAGE (V)	MAXIMUM QUANTITY CONNECTING IN SERIES	INPUT VOLTAGE (V)	MAXIMUM QUANTITY CONNECTING IN SERIES
20	110	16 pieces	277	41 pieces
36	110	10 pieces	277	26 pieces
45	110	7 pieces	277	18 pieces

PRODUCT LENGTHS

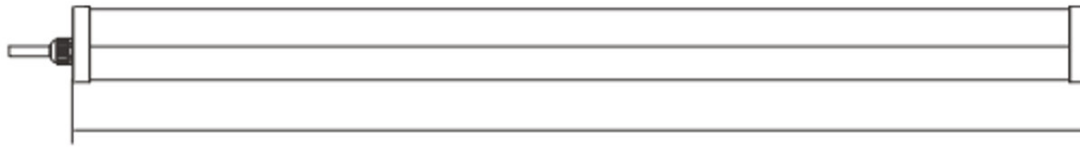|	
2ft (600mm)	23.62" L
4ft (1200mm)	47.24" L
5ft (1500mm)	59.06" L

JAVELIN ORDERING INFORMATION

SAMPLE ORDER NUMBER: JAV-4-1-1-2-3-1-1-X-X-X

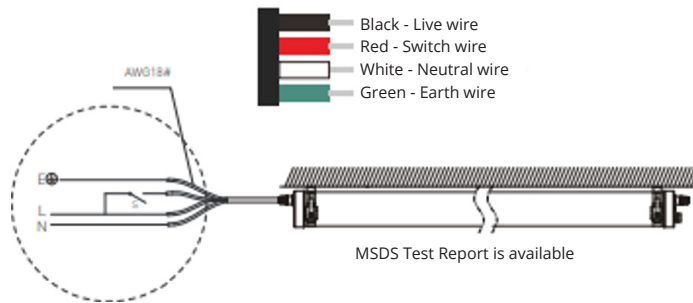| SERIES	LENGTH & WATTAGE	EFFICACY	HOUSING	LENS	CCT	VOLTAGE	DRIVER	MOUNTING OPTIONS	FIXTURE ENTRY	OPTIONS
JAV	2- 24"/20W	1- Std	1- Poly	1- Clear	1- 3000K	1- 120-277V	X- Non Dim	X- None	X- None	X- None
	4- 48"/36W	2- High	2- Acrylic	2- Frosted	2- 4000K		1- 0-10V Dim	CM- Clamp	SE- Single End	3P- 3 Pin Connector
	5- 60"/45W				3- 5000K		2- 1-10V Dim	RM- Adjustable	S-NSF- Single End (NSF Standard)	5P- 5 Pin + Dim Connector
					4- 6000K			SM1- Aircraft	DES- Double End (Attached End Caps)	CL- Cable Connector (Specify Size)
								SM2- 316 Aircraft		MS- Microwave Sensor
								C- Conduit		EM- 3W Battery Backup

JAVELIN Series LED

DIMENSIONS

2.95 inches (75mm)

> 2ft (600mm) = 23.62 inches long
> 4ft (1200mm) = 47.24 inches long
> 5ft (1500mm) = 59.06 inches long

EMERGENCY OPTION

> Rechargeable 3W internal battery backup option available, with external indicator light.

> Indicator Light
> • Green - Recharging & Working
> • Yellow - Malfunctioning

Black - Live wire
Red - Switch wire
White - Neutral wire
Green - Earth wire

AWG18#

E
L
N

MSDS Test Report is available

LINKING OPTIONS

> **S304 Stainless Steel**
single-end feed only
(Standard)

> **S316 Stainless Steel**
single-end feed only
(NSF Certified)

> **3 Pin Quick Connect**
linkable
(Non Dimmable)

> **5 Pin Quick Connect**
linkable
(Dimmable / Controls)

JAVELIN Series LED

MOUNTING OPTIONS

> **3ft Aircraft Cable (Standard)**
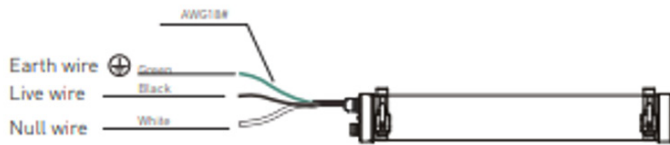

> **3 ft 316 Stainless Steel Aircraft Cable**
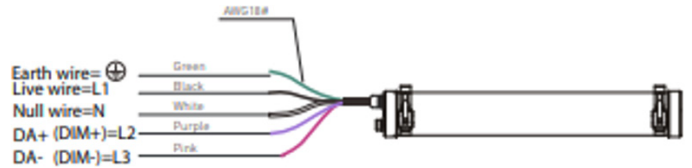

> **316 Stainless Steel Clamp Mount**

> **316 Stainless Steel Adjustable Bracket**

WIRING DIAGRAM

> ### Standard / Non Dimmable

AWG18#

Earth wire ⊕ — Green
Live wire — Black
Null wire — White

* Add EM to the end of part number for Emergency Function

> ### Dimmable / Dali Control

AWG18#

Earth wire= ⊕ — Green
Live wire=L1 — Black
Null wire=N — White
DA+ (DIM+)=L2 — Purple
DA- (DIM-)=L3 — Pink

> ### Suggested Compatible Dimmers for DALI
  - Tridonic (European market)
  - Lutron & Leviton (American market)
  - Philips Dynalite & Clipsal (Australian market)