

# BRIGHT-A SERIES FEATURES & BENEFITS

## 01. HOUSING

- Rugged extruded aluminum housing.
- Double wings enlarge heat dissipation which provides exceptional thermal management.

## 02. FINISH

- Corrosion resistant polyester powder painted 100µm thickness.
- Standard color of white.

## 03. LED & OPTICAL ASSEMBLY

- Diffuser with photometric distribution of 120 degree.
- LM-79 test and report is performed in accordance to IESNA standards.

## 04. MOUNTING

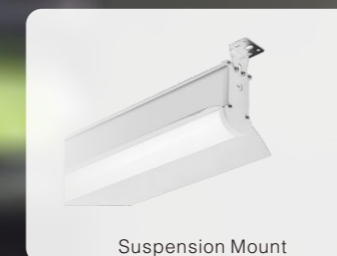
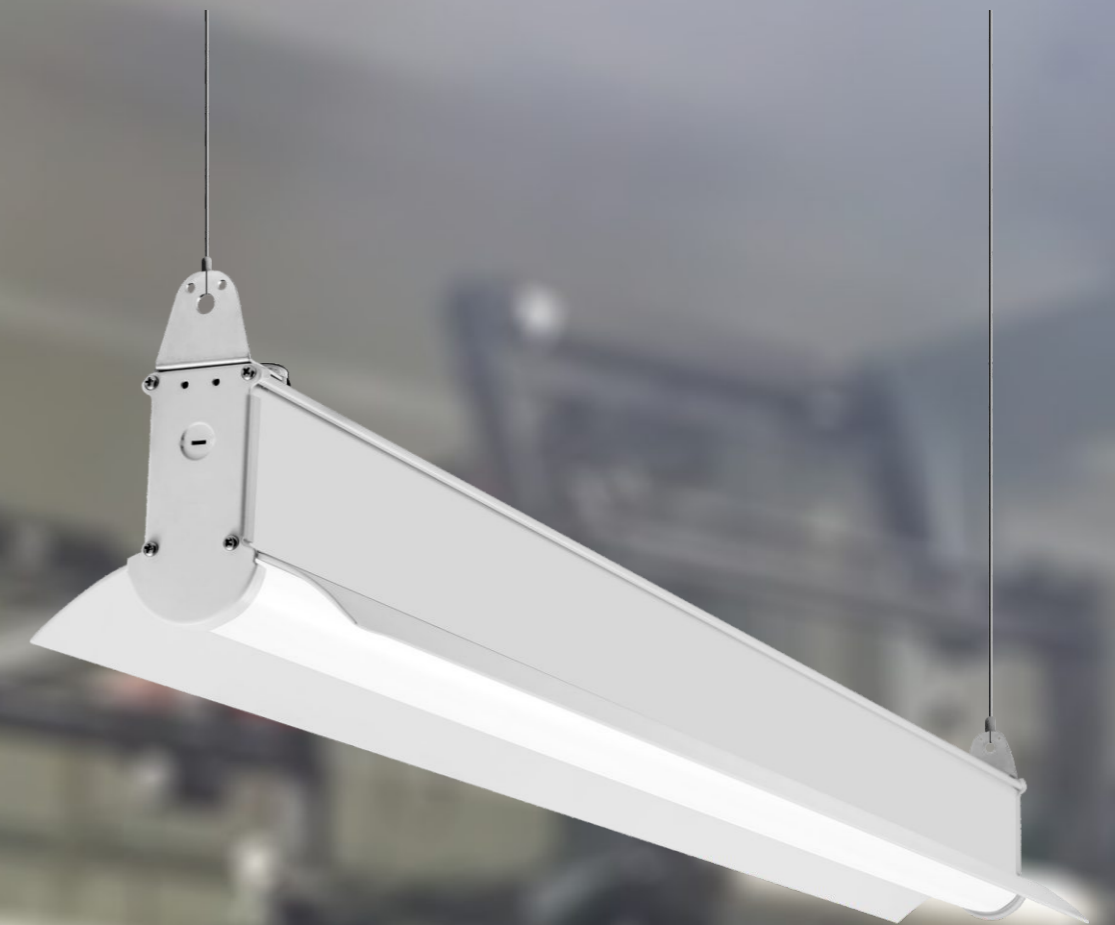
- Surface mount and suspension mount available.

## 05. Electrical/ Key Components/ Controls

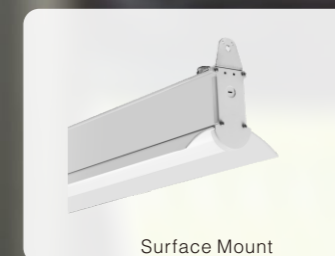
- 90-305VAC
- High quality LEDs, driver and components, e.g. MOLEX, WAGO connectors.
- Multiple lighting control options are available, e.g. motion sensor, 1-10V.

## 06. Product Certifications

- UL/ CUL/ DLC/ LM79/ CE/ RoHS  
(Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org))



Suspension Mount



Surface Mount

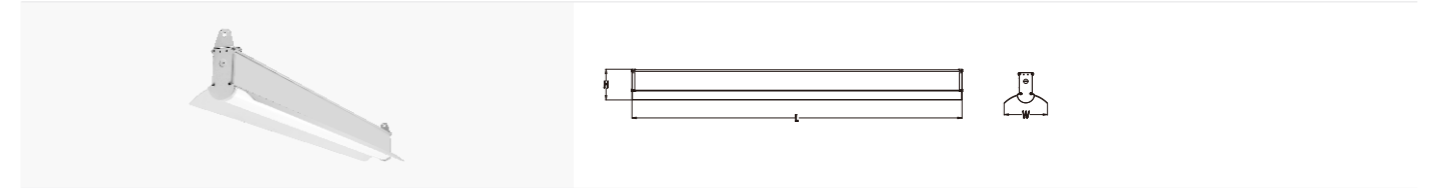


# TECHNICAL PARAMETERS

# PRODUCT MODEL

<b>Power</b>	120/160/200W	<b>IP Rating</b>	IP43
<b>Input</b>	90-305VAC	<b>SPD</b>	Optional
<b>PF</b>	>0.95	<b>Certificate/Qualification</b>	UL/ CUL/ DLC/ LM79/ CE/ RoHS
<b>THD</b>	<15%	<b>DALI</b>	/
<b>L70</b>	>50,000H	<b>1-10V</b>	Optional
<b>Operating Temperature</b>	-40°C ~ +50°C	<b>Photocell</b>	/
<b>Typical Efficacy</b>	110-130lm/W	<b>Smart Control</b>	/
<b>ANSI CCT</b>	3000K/4000K/5000K	<b>Optic (IESNA)</b>	Type V
<b>Min CRI</b>	80*	<b>Color Options</b>	White

\* Standard



Model	BLA120/BLA160 /BLA200	Net Weight	4.89kg(10.78lbs)	<b>Model No.</b>	<b>System Power</b>	<b>Voltage</b>	<b>Drive Current</b>	<b>Luminous Flux</b>		<b>Efficacy (lm/W)</b>
LED type	Luxeon 3030	Gross Weight	6.0kg(13.23lbs)	BLA120	130W	90-305VAC	N/A	3000K	4000 /5000K	
LEDs	162/204/270	Product Dimensions	1203x158x112mm 47.36"x6.22"x4.41"	BLA160	162W	90-305VAC	N/A			115
Mounting options	Surface mount/ Suspension mount	Carton Dimensions	1300x215x200mm 51.18"x8.46"x7.87"	BLA200	210W	90-305VAC	N/A			115

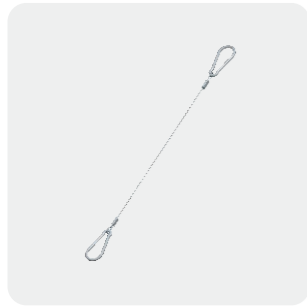
# ORDERING INFORMATION

MODEL (Nominal Power)	OPTIC LENS	CCT (ANSI)	OPTIONAL COLOR	LIGHTING CONTROL
<b>BLA120</b> 120W	<b>T5D</b> Diffuser	<b>30K</b>	★ <b>WH</b> White (RAL:9010)	<b>00</b> Not required
<b>BLA160</b> 160W		3045 ±175K		<b>02</b> Motion sensor
<b>BLA200</b> 200W		<b>40K</b> 3985 ±275K		<b>05</b> 1-10V dimming
		★ <b>50K</b> 5028 ±283K		

★ Regularly stocked item

● Example 1: BLA120-T5D-50K-WH-00

● Example 2: BLA200-T5D-50K-WH-02



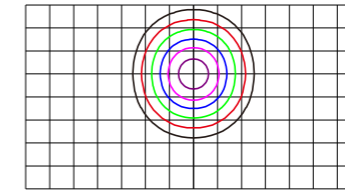
01. Steel Suspension Cable



02. Motion Sensor

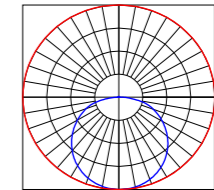


ISO Plot



**T5D** Diffuser

Polar Curve



Cu Graph

