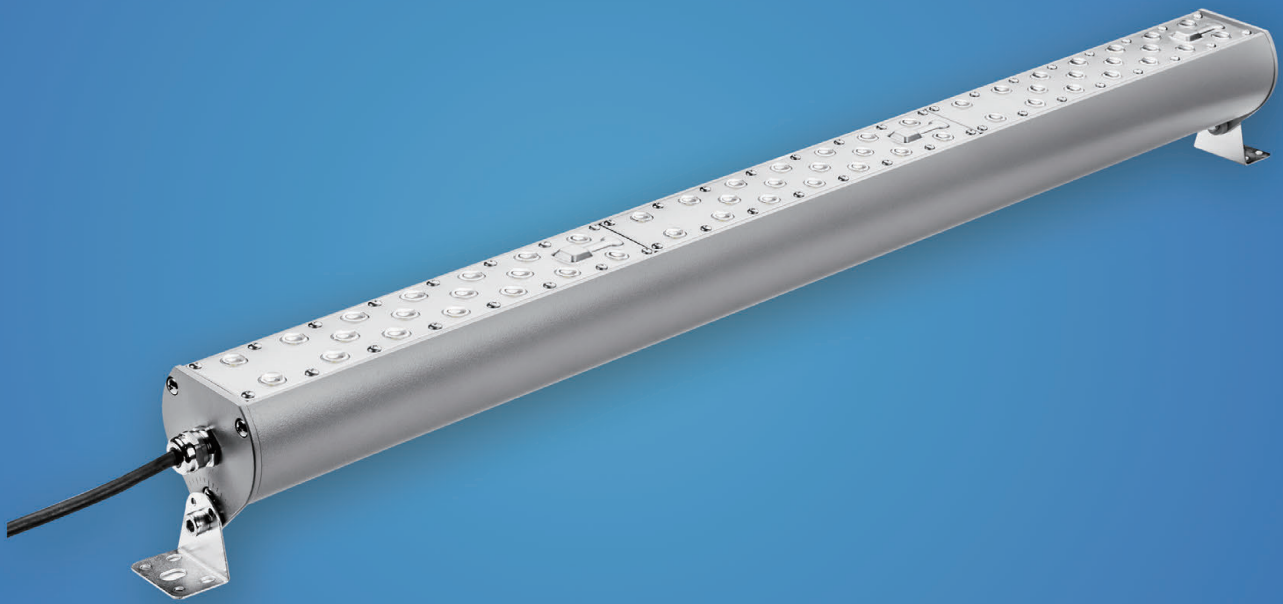


ARRLUX



LED LINEAR LIGHT
EDGE Series



EDGE Series

Certifications: UL/ CUL/ DLC/ LM79/ CB/ CE/ RoHS/ IK08

Housing

- Rugged extruded aluminum housing.
- Modular design allows for easy installation, replacement and maintenance.
- IP67 rated.
- IK08 rating option available.

Finish

- Corrosion resistant polyester powder painted 100µm thickness.
- Meets a 1000-hour salt spray certification per ASTM B117/ ISO 9227:2012.
- Standard colors: Grey & Black.
- Customized colors are available.



Grey



Black

Electrical/ Key Components/ Controls

- 120-277VAC and 347-480VAC available.
- High quality LEDs, driver and components, e.g. MOLEX, WAGO connectors.
- Multiple lighting control options are available, e.g. motion sensor, DALI, 1-10V.
- Emergency Power Supply (EPS) available.

LED & Optical Assembly

- Each PCB are mounted with a TVS (Transient Voltage Suppressors) to protect the LEDs from voltage transients induced by lightning and other transient voltage events.
- High-uniformity LED optics are constructed of durable optical polycarbonate that is impact and UV resistant.
- The metal plate provides double protection for the LED light engine and prolongs LED optics life.
- Over 20 optical lenses are available for virtually any application.

Mounting

- Surface mount and suspension mount available.



Surface Mount



Suspension Mount

TECHNICAL PARAMETERS

Power	60-150W
Input	120-277 VAC or 220-240 VAC or 347-480 VAC
PF	>0.95
THD	<20%
L85	>60,000H
Operating Temperature	-40°C ~ +50°C
Efficacy	120-140lm/W
ANSI CCT	3000K/4000K/5000K/5700K
Min CRI	70* or 80 or 85

IP Rating	IP67
SPD	Optional
Certificate/Qualification	UL/ CUL/ DLC/ LM79/ CB/ CE/ RoHS/ IK08
DALI	Optional
1-10V	Optional
Photocell	/
Smart Control	Optional
Optic (IESNA)	Type I, Type II, Type III, Type IV, Type V
Color Options	Grey/Black

ORDERING INFORMATION

MODEL (Nominal Power)		OPTIC LENS	CCT (ANSI)	OPTIONAL COLOR	LIGHTING CONTROL	ACCESSORY INFO
BCA60 60W BCA90 90W BCA120 120W BCA150 150W	BCA60H*	T1S Type I Short	30K 3045	BK Black (RAL:9011)	00 Not required	Emergency Power Supply (EPS)
	BCA90H*	T2M Type II Medium	±175K	★ GR Grey (RAL:7004)	02 Motion sensor	
	BCA120H*	T3M Type III Medium	★ 40K 3985		04 DALI	
		T3L Type III Long	±275K			
		T4S Type IV Short	★ 50K 5028		05 1-10V dimming	
		T4M Type IV Medium	±283K			
		T5U Average beam angle 10°	57K 5665			
		T5V Average beam angle 25°	±355K			
		T5W Average beam angle 40°				
		T5S Average beam angle 60°				
		T5M Average beam angle 90°				
		T5L Average beam angle 120°				
		T5X Average beam angle 150°				
		T5D Diffuser				

* 1-10V dimming & DALI & Motion sensor unavailable

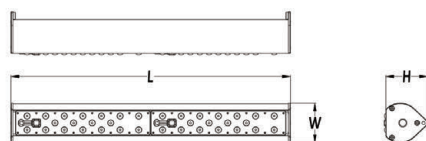
★ Regularly stocked item

● Example 1: BCA60-T1S-30K-BK-00

● Example 2: BCA90-T5U-40K-BK-04

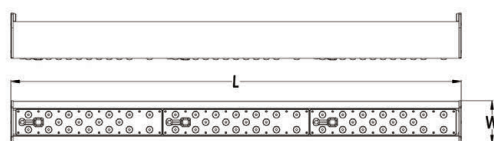
● Example 3: BCA120-T5V-50K-BK-05

PRODUCTS



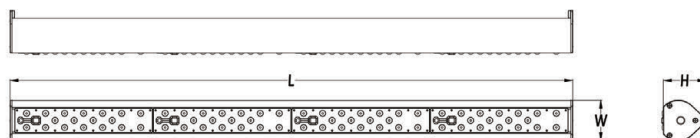
Model	BCA60/BCA60H	Net Weight	2.37kg (5.22lbs)
LED Modules	2	Gross Weight	2.69kg (5.93lbs)
LEDs	36	Product Dimensions	566 x 80.6 x 87.6mm 22.28" X 3.17" X 3.45"
Mounting options	Surface mount / Suspension mount	Carton Dimensions	675 x 97 x 97mm 26.57" X 3.82" X 3.82"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy(lm/W)
				3000K	4000/5000K	
BCA60	64W	120-277VAC	530mA	6912lm	7680lm	120
BCA60H	64W	120-277VAC	530mA	6912lm	7680lm	120



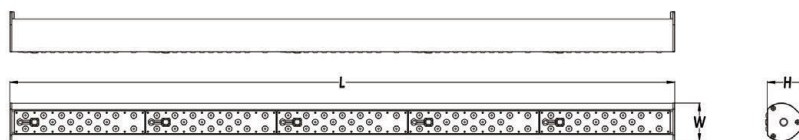
Model	BCA90/BCA90H	Net Weight	3.58kg (7.89lbs)
LED Modules	3	Gross Weight	4.02kg (8.86lbs)
LEDs	54	Product Dimensions	840.5 x 80.6 x 87.6mm 33.09" X 3.17" X 3.45"
Mounting options	Surface mount / Suspension mount	Carton Dimensions	950 x 97 x 97mm 37.4" X 3.82" X 3.82"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy(lm/W)
				3000K	4000/5000K	
BCA90	92W	120-277VAC	530mA	10350lm	11500lm	125
BCA90H	92W	347-480VAC	530mA	10350lm	11500lm	125



Model	BCA120/BCA120H	Net Weight	4.21kg (9.28lbs)
LED Modules	4	Gross Weight	4.74kg (10.45lbs)
LEDs	72	Product Dimensions	1115 x 80.6 x 87.6mm 43.9" X 3.17" X 3.45"
Mounting options	Surface mount / Suspension mount	Carton Dimensions	1225 x 97 x 97mm 48.23" X 3.82" X 3.82"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy(lm/W)
				3000K	4000/5000K	
BCA120	121W	120-277VAC	530mA	13613lm	15125lm	125
BCA120H	121W	347-480VAC	530mA	13613lm	15125lm	125



Model	BCA150	Net Weight	4.84kg (10.67lbs)
LED Modules	5	Gross Weight	5.46kg (12.04lbs)
LEDs	90	Product Dimensions	1389.5 x 80.6 x 87.6mm 54.7" X 3.17" X 3.45"
Mounting options	Surface mount / Suspension mount	Carton Dimensions	1500 x 97 x 97mm 59.06" X 3.82" X 3.82"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy(lm/W)
				3000K	4000/5000K	
BCA150	151W	120-277VAC	530mA	16988lm	18875lm	125

PHOTOMETRICS

ISO Plot

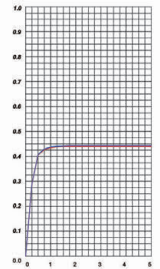
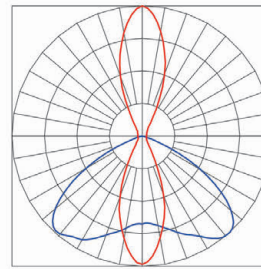
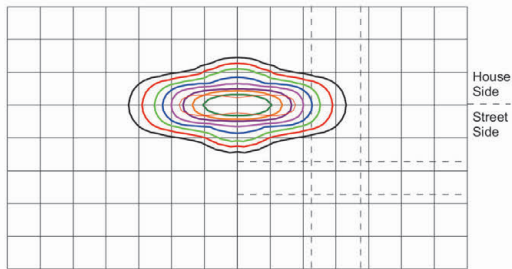
Polar Curve

CU Graph

T1S

Type I
Short

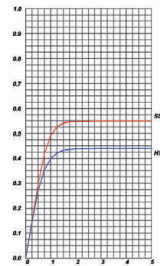
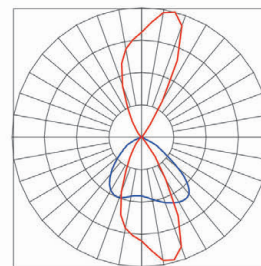
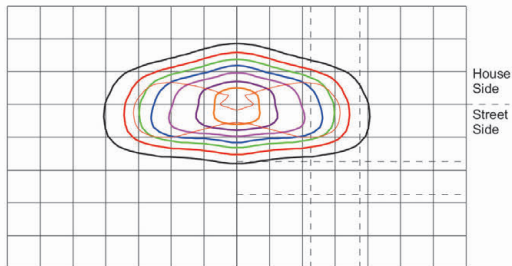
Typical use:
Industrial
Street/Roadside



T2M

Type II
Medium

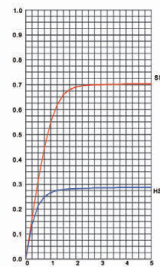
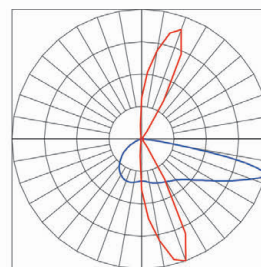
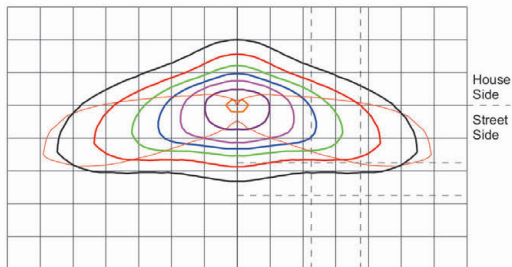
Typical use:
Street/Roadside



T3M

Type III
Medium

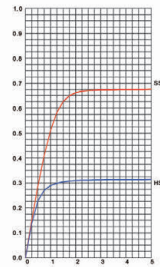
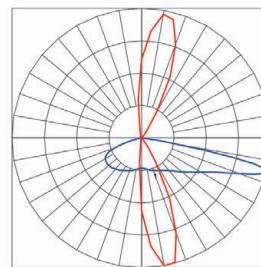
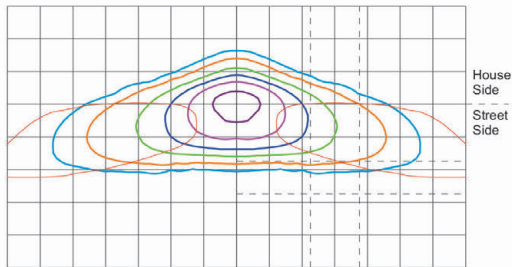
Typical use:
Street/Roadside



T3L

Type III
Long

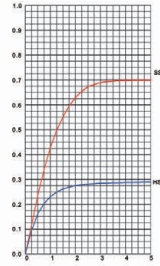
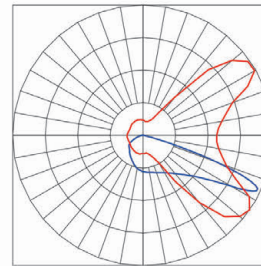
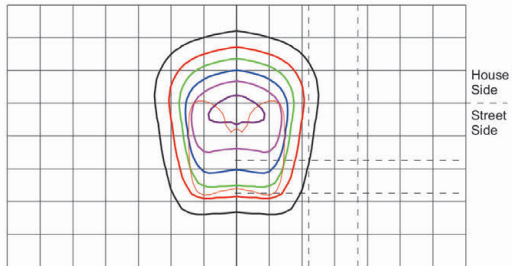
Typical use:
Street/Roadside



T4S

Type IV
Short

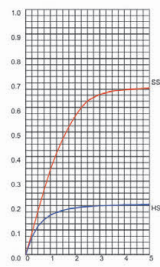
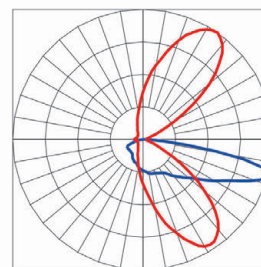
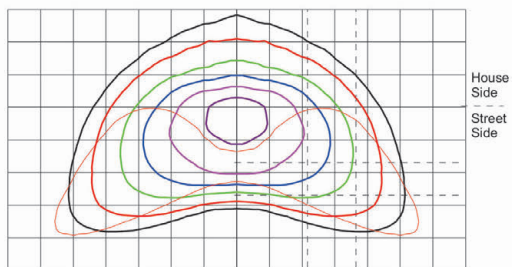
Typical use:
Area/High mast



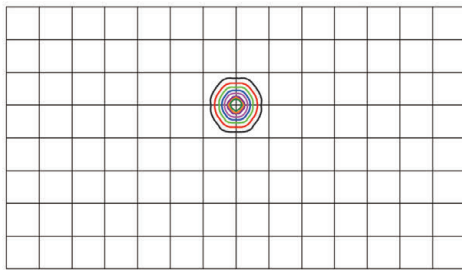
T4M

Type IV
Medium

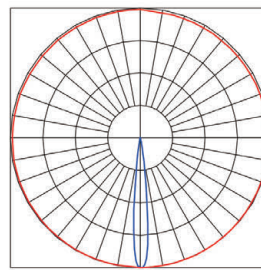
Typical use:
Highway/Multi-Lane



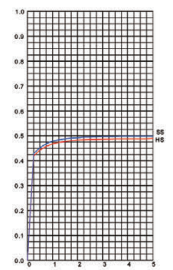
T5U
Average beam
angle 10°
Typical use:
Stadium



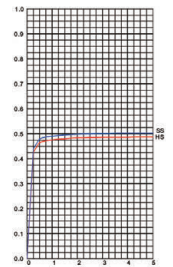
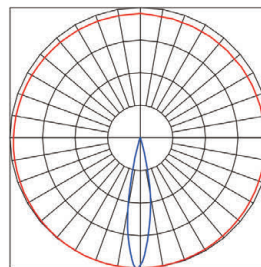
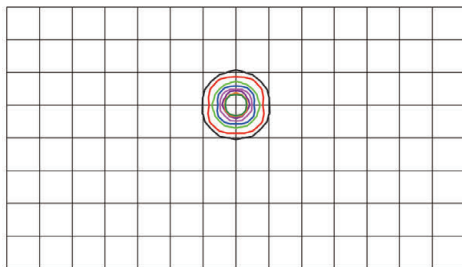
Polar Curve



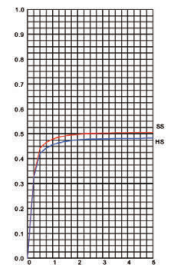
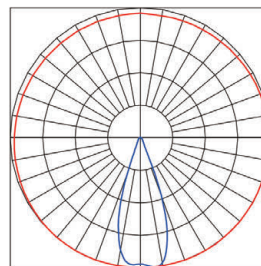
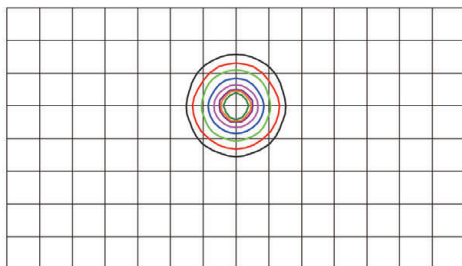
CU Graph



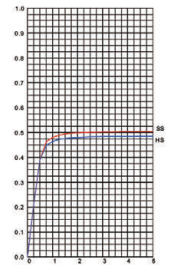
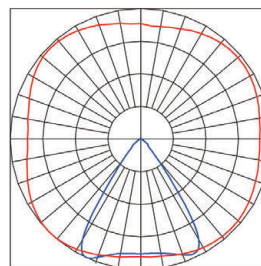
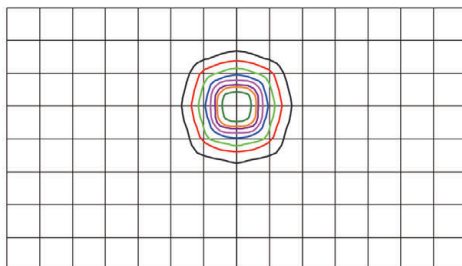
T5V
Average beam
angle 25°
Typical use:
Stadium



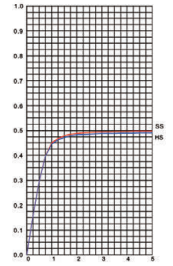
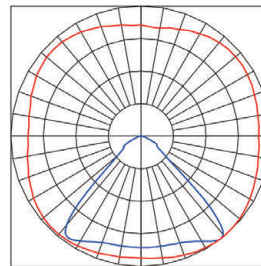
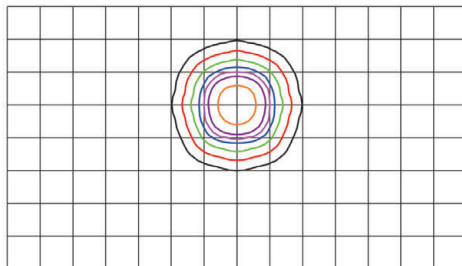
T5W
Average beam
angle 40°
Typical use:
Architectural



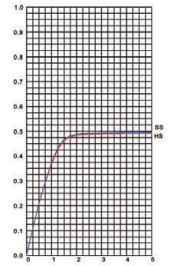
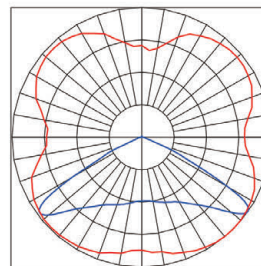
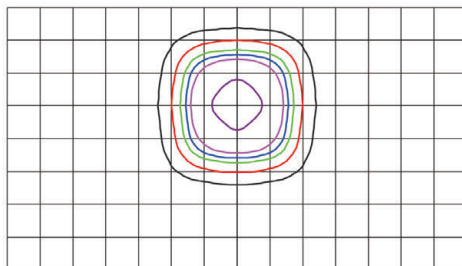
T5S
Average beam
angle 60°
Typical use:
Industrial



T5M
Average beam
angle 90°
Typical use:
Industrial



T5L
Average beam
angle 120°
Typical use:
Gas station

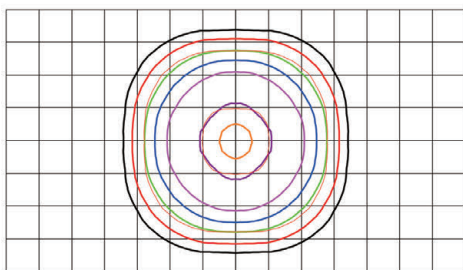


T5X

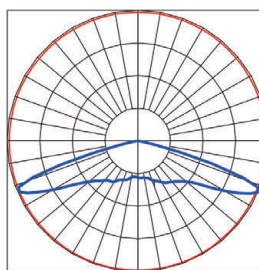
Average beam
angle 150°

Typical use:
Industrial
Undercover carpark

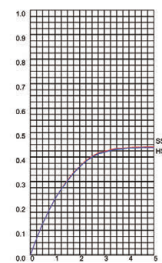
ISO Plot



Polar Curve



CU Graph

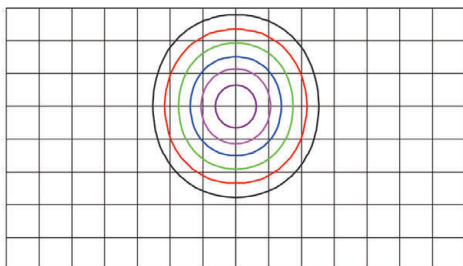


T5D

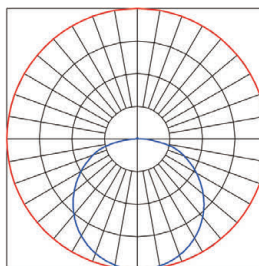
Diffuser

Typical use:
Industrial

ISO Plot



Polar Curve



CU Graph

