















Luster Beam V

BEAM ANGLE	APPLICATION	SPECIFICATION	DIMMABLE
	General Cove Lighting	       	     

General / Others Specification

Items	Specification
Driven Method	DC24V (Constant Voltage)
Beam Angle	115°
CRI	Ra > 90
LED Colour Bin	3 Steps MacAdam
Environment	Indoor (IP20)**1
Expected LED Life Span	L ₇₀ = 50,000hrs @ 25°C
Operation Temp. / Hum.	-25°C ~ 50°C / 20% ~ 85% RH
Storage Temp.	-25°C ~ 60°C

**1 Not Suitable for use under direct Sun application



Input Voltage
DC24V

Order / Model Code

LB5

PRODUCT NAME

Luster Beam V

LENGTH

03 : 1 ft
06 : 2 ft
09 : 3 ft
10 : 1 m
12 : 4 ft

FLUX LEVEL

L : Low
H : High

CCT

50 : 5000K
40 : 4000K
30 : 3000K
27 : 2700K

CRI

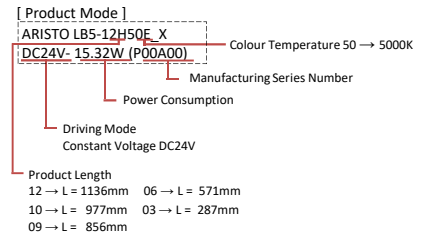
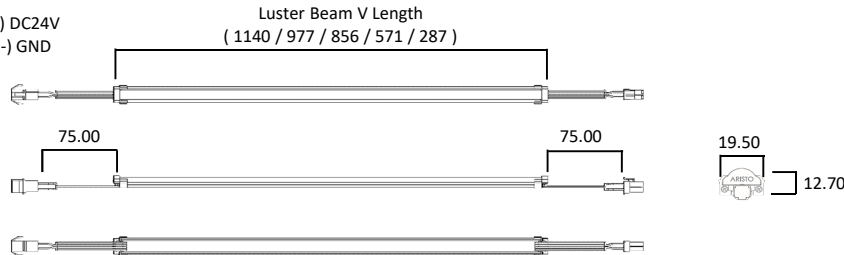
E : > 90

LED VERSION

X

Basic Specifications (Unit:mm)

Red Cable (+) DC24V
Black Cable (-) GND



Specification (@25°C)

Flux Level	Models	CCT	Lumen (lm)	Rated Power (W)	Beam Angle (°)	Size (L x W x H) (mm)	Ave. Weight (g)
High Flux (13.13 W/m)	LB5-03H50E_X	5000K	405	3.83	115	287 x 19.50 x 12.70	52
	LB5-03H40E_X	4000K	405				
	LB5-03H30E_X	3000K	380				
	LB5-03H27E_X	2700K	360				
	LB5-06H50E_X	5000K	810	7.66	115	571 x 19.50 x 12.70	103
	LB5-06H40E_X	4000K	810				
	LB5-06H30E_X	3000K	760				
	LB5-06H27E_X	2700K	720				
	LB5-09H50E_X	5000K	1215	11.49	115	856 x 19.50 x 12.70	149
	LB5-09H40E_X	4000K	1215				
	LB5-09H30E_X	3000K	1140				
	LB5-09H27E_X	2700K	1080				
	LB5-10H50E_X	5000K	1350	12.77	115	977 x 19.50 x 12.70	172
	LB5-10H40E_X	4000K	1350				
	LB5-10H30E_X	3000K	1270				
	LB5-10H27E_X	2700K	1200				
LB5-12H50E_X	5000K	1620	15.32	115	1140 x 19.50 x 12.70	189	
LB5-12H40E_X	4000K	1620					
LB5-12H30E_X	3000K	1520					
LB5-12H27E_X	2700K	1440					

** Wire gauge : AWG20 x 2 core

** PC cover finishing with Semi-diffuse

Luster Beam V

■ Specification (@25°C)

Flux Level	Models	CCT	Lumen (lm)	Rated Power (W)	Beam Angle (°)	Size (L x W x H) (mm)	Ave. Weight (g)
Low Flux (8.97 W/m)	LB5-03L50E_X	5000K	285	2.62	115	287 x 19.50 x 12.70	52
	LB5-03L40E_X	4000K	285				
	LB5-03L30E_X	3000K	270				
	LB5-03L27E_X	2700K	255				
	LB5-06L50E_X	5000K	570	5.24	115	571 x 19.50 x 12.70	103
	LB5-06L40E_X	4000K	570				
	LB5-06L30E_X	3000K	540				
	LB5-06L27E_X	2700K	510				
	LB5-09L50E_X	5000K	855	7.86	115	856 x 19.50 x 12.70	149
	LB5-09L40E_X	4000K	855				
	LB5-09L30E_X	3000K	810				
	LB5-09L27E_X	2700K	765				
	LB5-10L50E_X	5000K	950	8.73	115	977 x 19.50 x 12.70	172
	LB5-10L40E_X	4000K	950				
	LB5-10L30E_X	3000K	900				
	LB5-10L27E_X	2700K	850				
LB5-12L50E_X	5000K	1140	10.48	115	1140 x 19.50 x 12.70	189	
LB5-12L40E_X	4000K	1140					
LB5-12L30E_X	3000K	1080					
LB5-12L27E_X	2700K	1020					

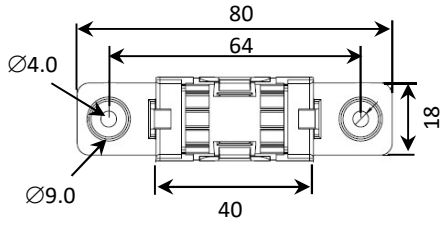
** Wire gauge : AWG20 x 2 core

** PC cover finishing with Semi-diffuse

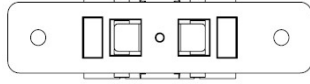
Luster Beam V

■ **Design Item**
Plastic Swivel

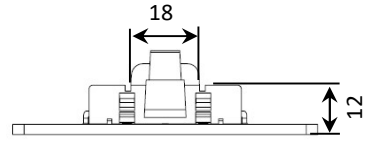
View : Top



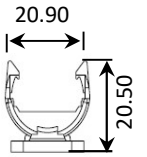
View : Bottom



View : Side

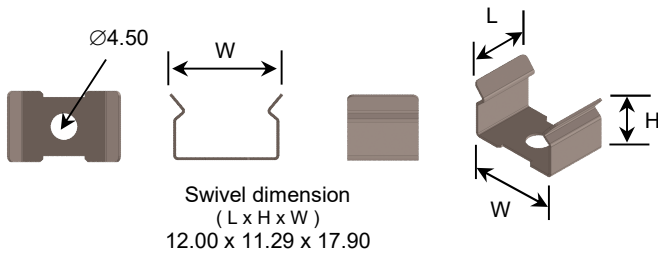


View : Side



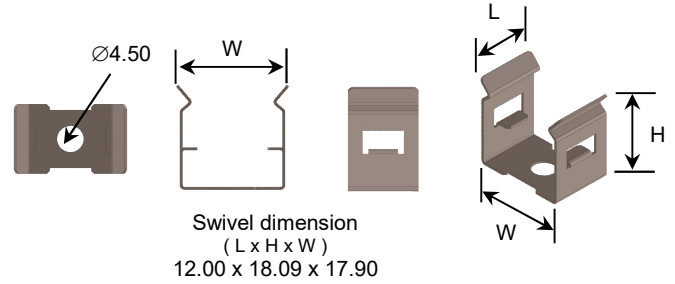
Metal Clip

Low Profile Clip



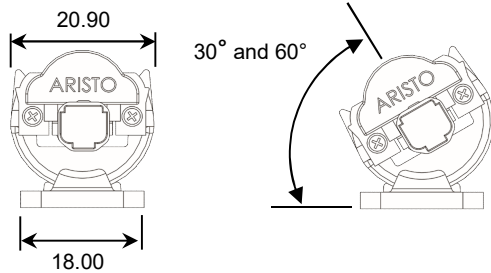
Metal Clip

High Profile Clip

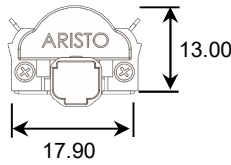


Light with the plastic swivel and metal clip side view

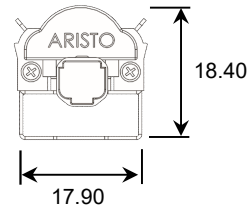
Plastic Swivel



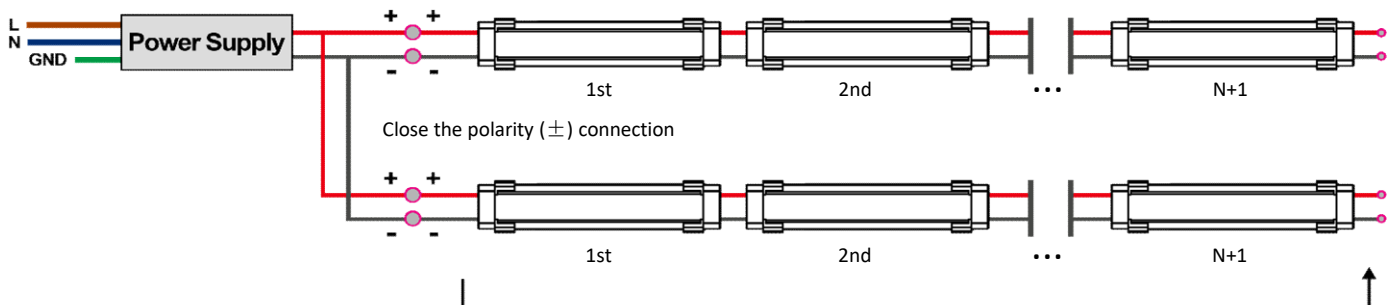
Low Profile Clip



High Profile Clip



■ **Wiring Method**



The Maximum number of series connections is 4ft 6pcs (Low Flux) / 4ft 4pcs (High Flux)

** More than 6pcs (Low Flux) / 4pcs (High Flux) connections are more than 7pcs (Low Flux) / 5pcs (High Flux) are required parallel connection

****Maximum current in one series connection is 4A**