















# Luster Beam V - DSL

BEAM ANGLE	APPLICATION	SPECIFICATION	DIMMABLE
	General Cove Lighting	       	     

### General / Others Specification

Items	Specification
Driven Method	DC24V (Constant Voltage)
Beam Angle	110°
CRI	Ra > 90
LED Colour Bin	3 Steps MacAdam
Environment	Indoor (IP20)**1
Expected LED Life Span	L <sub>70</sub> = 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

**LB5D**

PRODUCT NAME

LENGTH

FLUX LEVEL

CCT

CRI

LED VERSION

Luster Beam V - DSL

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

L : Low  
H : High

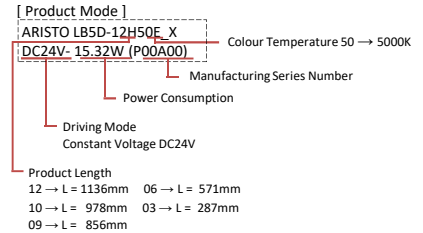
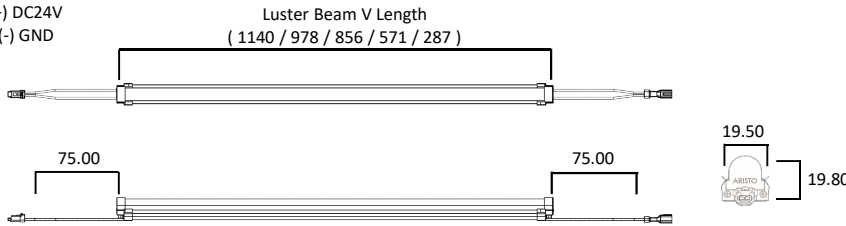
50 : 5000K  
40 : 4000K  
30 : 3000K  
27 : 2700K

E : > 90

X

### Basic Specifications (Unit:mm)

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



### Specification (@25°C)

@Luster Beam V - DSL(Mono) (High Flux)

\*\* PC cover finishing with Diffuse Cover

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)	LB5D-03H50E_X	5000K	390	3.83	110	287 x 19.50 x 19.80	57
	LB5D-03H40E_X	4000K	390				
	LB5D-03H30E_X	3000K	365				
	LB5D-03H27E_X	2700K	345				
	LB5D-06H50E_X	5000K	780	7.66	110	571 x 19.50 x 19.80	114
	LB5D-06H40E_X	4000K	780				
	LB5D-06H30E_X	3000K	730				
	LB5D-06H27E_X	2700K	690				
	LB5D-09H50E_X	5000K	1170	11.49	110	856 x 19.50 x 19.80	163
	LB5D-09H40E_X	4000K	1170				
	LB5D-09H30E_X	3000K	1095				
	LB5D-09H27E_X	2700K	1035				
	LB5D-10H50E_X	5000K	1330	13.13	110	978 x 19.50 x 19.80	194
	LB5D-10H40E_X	4000K	1330				
	LB5D-10H30E_X	3000K	1260				
	LB5D-10H27E_X	2700K	1180				
LB5D-12H50E_X	5000K	1560	15.32	110	1140 x 19.50 x 19.80	215	
LB5D-12H40E_X	4000K	1560					
LB5D-12H30E_X	3000K	1460					
LB5D-12H27E_X	2700K	1380					

# Luster Beam V - DSL

## ■ Specification ( @25°C )

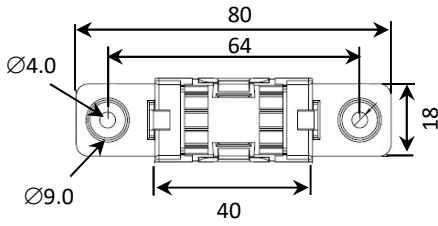
@Luster Beam V - DSL (Mono) (Low Flux)

**\*\* PC cover finishing with Diffuse Cover**

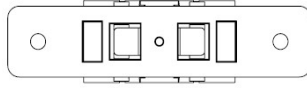
Flux Level	Models	CCT	Lumen (lm)	Rated Power (W)	Beam Angle (°)	Size (L x W x H) (mm)	Ave. Weight (g)
Low Flux (8.97 w/m)	LB5D-03L50E_X	5000K	275	2.62	110	287 x 19.50 x 19.80	57
	LB5D-03L40E_X	4000K	275				
	LB5D-03L30E_X	3000K	255				
	LB5D-03L27E_X	2700K	245				
	LB5D-06L50E_X	5000K	550	5.24	110	571 x 19.50 x 19.80	114
	LB5D-06L40E_X	4000K	550				
	LB5D-06L30E_X	3000K	510				
	LB5D-06L27E_X	2700K	490				
	LB5D-09L50E_X	5000K	825	7.86	110	856 x 19.50 x 19.80	163
	LB5D-09L40E_X	4000K	825				
	LB5D-09L30E_X	3000K	765				
	LB5D-09L27E_X	2700K	735				
	LB5D-10L50E_X	5000K	940	8.97	110	978 x 19.50 x 19.80	194
	LB5D-10L40E_X	4000K	940				
	LB5D-10L30E_X	3000K	875				
	LB5D-10L27E_X	2700K	840				
LB5D-12L50E_X	5000K	1100	10.48	110	1140 x 19.50 x 19.80	215	
LB5D-12L40E_X	4000K	1100					
LB5D-12L30E_X	3000K	1020					
LB5D-12L27E_X	2700K	980					

# Luster Beam V - DSL

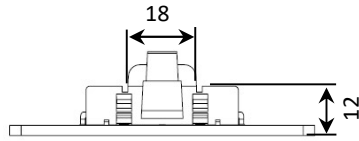
■ **Design Item**  
**Plastic Swivel**  
**View : Top**



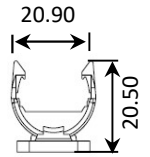
**View : Bottom**



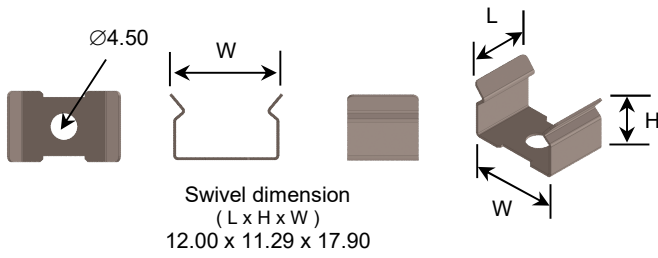
**View : Side**



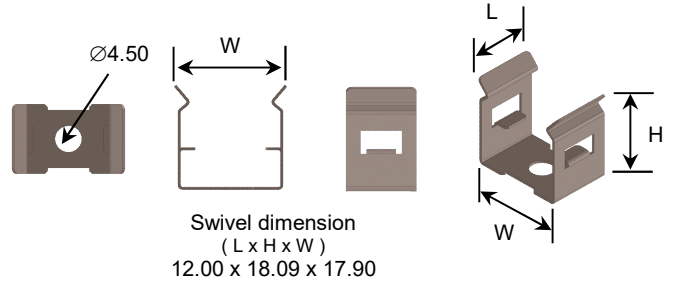
**View : Side**



■ **Metal Clip**  
**Low Profile Clip**

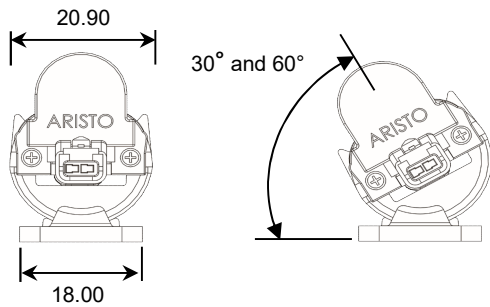


■ **Metal Clip**  
**High Profile Clip**

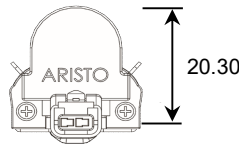


■ **Light with the plastic swivel and metal clip side view**

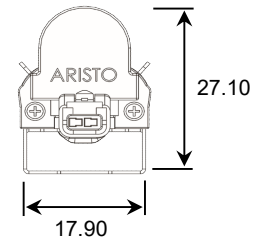
**Plastic Swivel**



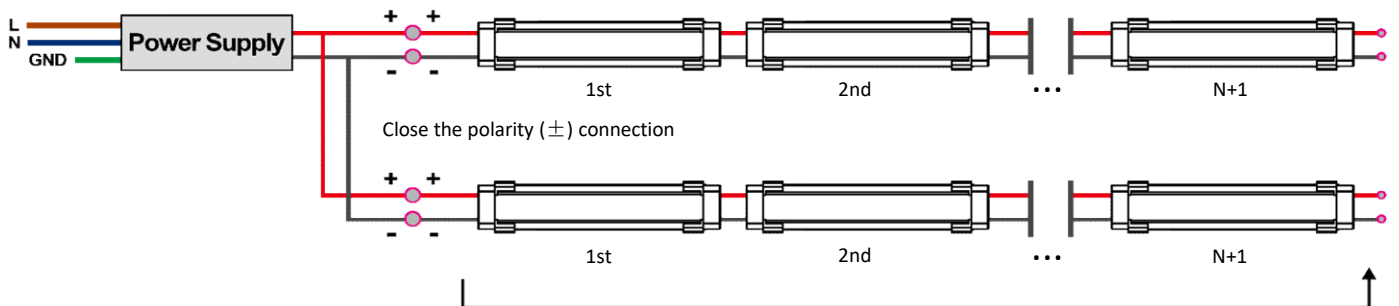
**Low Profile Clip**



**High Profile Clip**



■ **Wiring Method**



The Maximum number of series connections is 4ft 8pcs (Low Flux) / 4ft 6pcs (High Flux)

\*\* More than 8pcs (Low Flux) / 6pcs (High Flux) connections are more than 9pcs (Low Flux) / 7pcs (High Flux) are required parallel connection

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