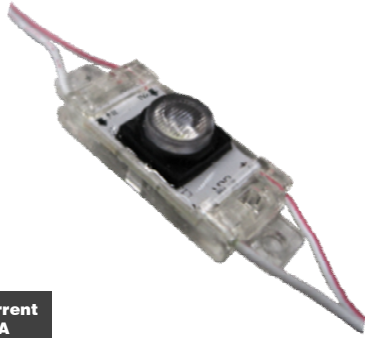


Penta Lite Elliptical CC

PHOTOMETRIC	APPLICATION	SPECIFICATION	DIMMABLE
	Signage : Double Side Box Depth : 80 ~ 300mm Other : Wall Washer	Drive Mode 700mA(CC) Beam Angle 15°x50° Waterproof IP67 Dimmable External Driver Indoor Outdoor Custom Order	DIM PWM TRIAC DALI DMX SPI



**Input Current
700mA**

** Come with 30 numbers of LED modules in one chain

General / Others Specification

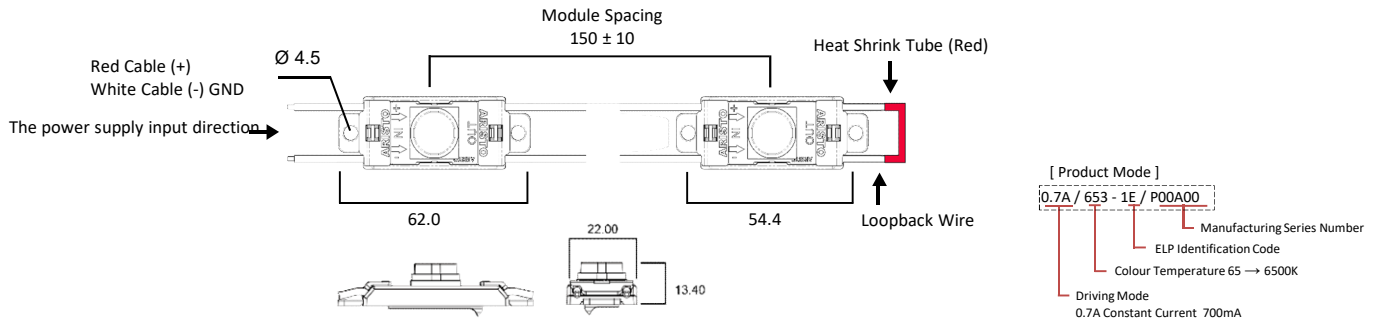
Items	Specification
Driven Method	700mA (Constant Current)
Beam Angle	15° x 50°
CRI	6500K : > Ra70 / 2700-5000K : > Ra80
LED Module Pitch	150 ± 10 mm
LED Colour Bin	3 Steps MacAdam
Environment	Indoor / Outdoor (IP67) ^{**1}
Expected LED Life Span	L ₇₀ = 40,000hrs @ 25°C
Operation Temp. / Hum.	-20°C ~ 50°C / 20% ~ 85% RH
Storage Temp.	-20°C ~ 70°C

^{**1} Not Suitable for use under direct Sun application

Order / Model Code

APE1C	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1550	-	<input type="checkbox"/>
PRODUCT NAME	-	CCT		CRI	BEAM ANGEL	-	LED VERSION
Penta Lite Elliptical	-	65 : 6500K	40 : 4000K	M : > 70	1550 : 15° X 50°	-	X
	-	30 : 3000K	27 : 2700K	H : > 80		-	

Basic Specifications (Unit:mm)



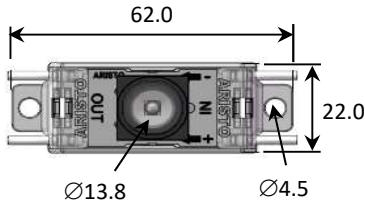
Specification (@25°C)

Models	CCT	Lumen (lm)	CRI (Ra)	Input DC Current (mA)	Power (W)	Pitch (mm)	Beam Angle (°)	Size (L x W x H) (mm)	Ave.Weight (g)
APE1C-65M1550_X	6500K	210	>70	700	2.10	150 ± 10	15 x 50	62.0 x 22.0 x 13.4	14.5
APE1C-40H1550_X	4000K	190	>80						
APE1C-30H1550_X	3000K	185							
APE1C-27H1550_X	2700K	180							

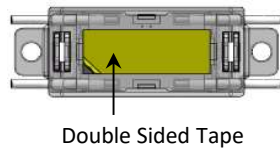
** Wire gauge : AWG20 x 2 single core

■ Design Item

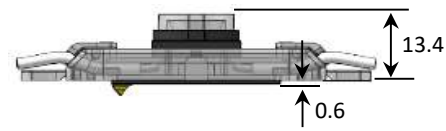
View : Top



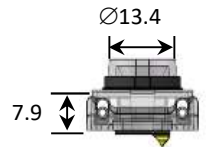
View : Bottom



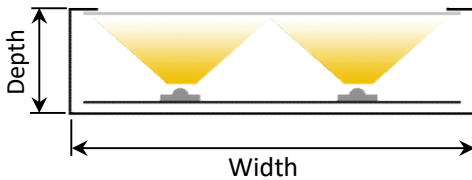
View : Side



View : Side



● **Depth and Pitch**



D : P = 1 : 2

Depth - Width - Pitch	Lumen
D80 - W800 - P70	5200lx
D100 - W1000 - P80	3300lx
D150 - W800 - P120	3200lx
D150 - W1000 - P120	2300lx

■ Power supply (Constant Current) and No. of Penta Lite Elliptical CC in one series connection table

Power Supply Rated Power (W)	Output Voltage (VDC)	No. of Penta Lite Elliptical CC for (White & Warm White) LED in one series or parallel connection
30 (1026-36-C700)	23 ~ 42	9 ~ 13
105 (105W-M062)	20 ~ 62	8 ~ 19
105 (105W-M150)	60 ~ 150	23 ~ 45
150 (150W-M214)	80 ~ 214	30 ~ 65

○ LED forward voltage from 2.7V ~ 3.3V

* **Warning** - Always make sure all the connection are properly done before power "ON" the power supply.

* **DO NOT** connect the LED module with Power "ON" condition.

* LED module mounting base must be a heat conductive metallic material

■ Wiring Method

