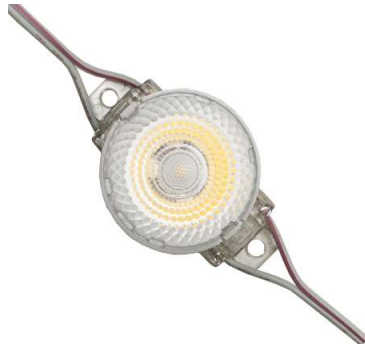


PHOTOMETRIC	APPLICATION	SPECIFICATION	DIMMABLE
	Signage : Double Side Box Depth : 200mm  Other : Wall Washer	Drive Mode 700mA(CC)            Beam Angle 8°            Waterproof IP44            Dimmable            External Driver            Indoor            Outdoor            Custom Order	DIM            PWM            TRIAC            DALI            DMX            SPI



**Input Current  
700mA**

\*\* Come with 10 numbers of LED modules in one chain

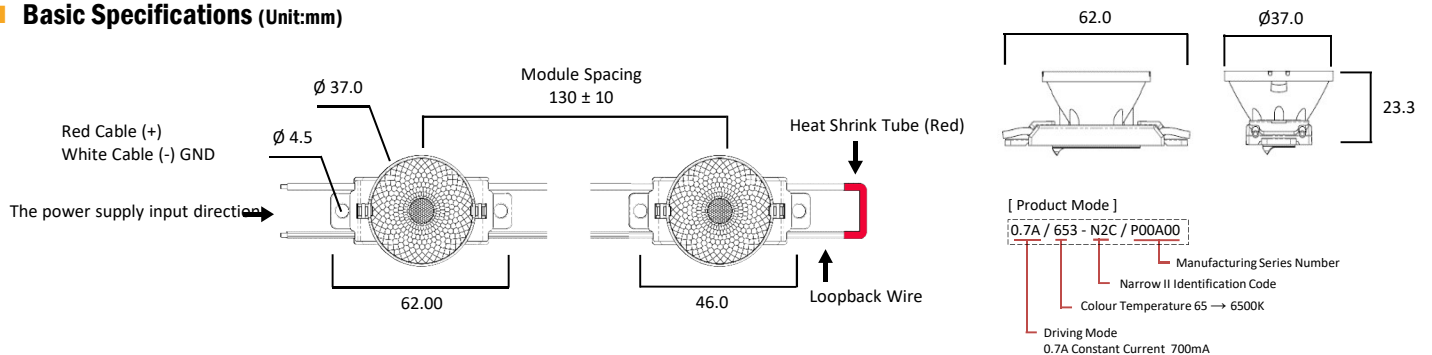
### General / Others Specification

Items	Specification
Driven Method	700mA (Constant Current)
Beam Angle	8°
CRI	6500K :> Ra70 / 2700-5000K :> Ra90
LED Module Pitch	130 ± 10 mm
LED Colour Bin	3 Steps MacAdam
Environment	Indoor IP44
Expected LED Life Span	L <sub>70</sub> = 40,000hrs @ 25°C
Operation Temp. / Hum.	-20°C ~ 50°C / 20% ~ 85% RH
Storage Temp.	-20°C ~ 70°C

### Order / Model Code

<b>APN2C</b>	-	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>
<b>PRODUCT NAME</b>	-	<b>CCT</b>		-	<b>LED VERSION</b>
Penta Narrow II	-	65 : 6500K	40 : 4000K	-	X
	-	30 : 3000K	27 : 2700K	-	
	-	<b>CRI</b>		-	
	-	M : > 70	H : > 80	-	

### Basic Specifications (Unit:mm)



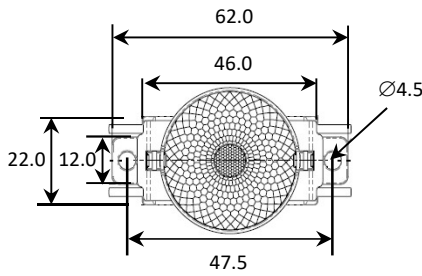
### Specification (@25°C)

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)
APN2C-65H_X	6500K	295	>70	700	2.10	130 ± 10	8	62.0 x 37.0 x 23.3	21
APN2C-40H_X	4000K	275	>80						
APN2C-30H_X	3000K	260							
APN2C-27H_X	2700K	250							

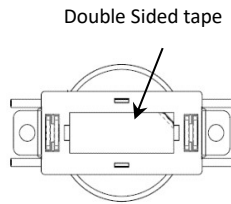
\*\* Wire gauge : AWG20 x 2 single core

■ Design Item

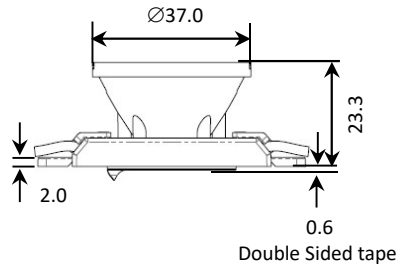
**View : Top**



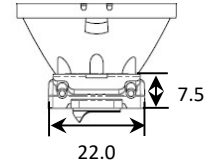
**View : Bottom**



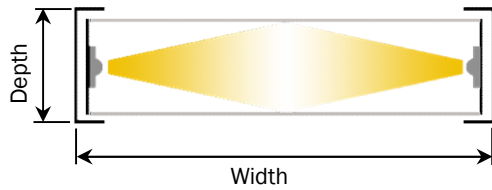
**View : Side**



**View : Side**



● **Depth and Pitch**



$D : P = 1 : 0.6 \sim 0.8$

Depth - 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 Narrow II CC in one series connection table**

Power Supply Rated Power ( W )	Output Voltage ( VDC )	No. of Penta Narrow II 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 material.**

■ **Wiring Method**

