

# INSTA DOT 42SQ

A vivid fusion of colours,  
A high purity of white,  
Extreme smooth chromatic transition  
power by automated DMX control system,  
Dot spacing can be customized.



## SPECIFICATION

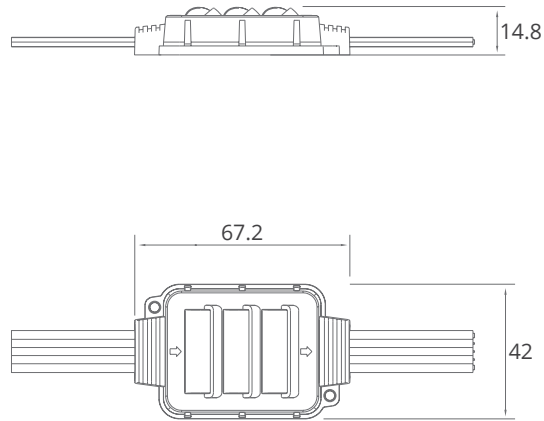
<b>MODEL</b>	COLOUR WAVE INSTA DOT 42SQ
<b>OPERATING VOLTAGE</b>	24V DC
<b>POWER CONSUMPTION</b>	2W
<b>LED TYPE</b>	SMD
<b>COLOUR RANGE</b>	2700K, 3000K, 4000K, 5000K, Tunable White, RGB, RGBW, RGBA
<b>PIXEL</b>	32 Dots Per Connection, Max spacing 2000mm
<b>SYSTEM EFFICIENCY</b>	55lm/W@3000K
<b>FWHM</b>	120°
<b>MATERIAL</b>	PC
<b>OPERATING TEMPERATURE</b>	-20°C ~ +55°C
<b>STORAGE TEMPERATURE</b>	-25°C ~ +60°C
<b>LIFE TIME</b>	50,000 hours/L70 at 25°C
<b>CONNECTION</b>	Quick-Plug
<b>DIMENSIONS</b>	φ 67.2(L)*42(W)*14.8(H)mm
<b>CABLE LENGTH</b>	300mm
<b>WATER PROOF</b>	IP66
<b>CONTROL</b>	DMX

## FEATURES & OPTIONS



- 01. CW
- 02. NW
- 03. WW
- 04. DW
- 05. RGB
- 06. RGBA
- 07. DYNAMIC CONTROL
- 08. IP66
- 09. ADJUSTABLE
- 10. EASY INSTALLATION<sub>W</sub>
- 11. EXTREME ENVIRONMENTS
- 12. DMX

**DIMENSIONS**



\*all units are in mm

**OPTIC SELECTION**



LED	Lumens	Watts	Efficacy
WHITE	111.02	2.00	55.51

CenterBeamLux	Illuminance at Distance
37.62 lx	0.8 m
9.40 lx	1.7 m
4.18 lx	2.5 m
2.35 lx	3.3 m
1.50 lx	4.2 m
1.04 lx	5.0 m

**3000K**

▪ Ver. Spread: 121.0° ▪ Horiz. Spread: 121.0°



LED	Lumens	Watts	Efficacy
RGBW	55.08	2.00	27.54
R	11.44	0.40	28.61
G	24.45	0.58	42.17
B	03.52	0.48	07.34
W	21.77	0.45	48.32

CenterBeamLux	Illuminance at Distance
7.42 lx	0.8 m
1.84 lx	1.7 m
0.82 lx	2.5 m
0.51 lx	3.3 m
0.29 lx	4.2 m
0.21 lx	5.0 m



▪ Ver. Spread: 128.2° ▪ Horiz. Spread: 128.3°