

# INSTA DOT 40

A vivid fusion of colours,  
A high purity of white,  
Extreme smooth chromatic transition power  
by automated DMX control system,  
Max 3.0w/dot for skyscraper outline,  
Dot spacing can be customized.



## SPECIFICATION

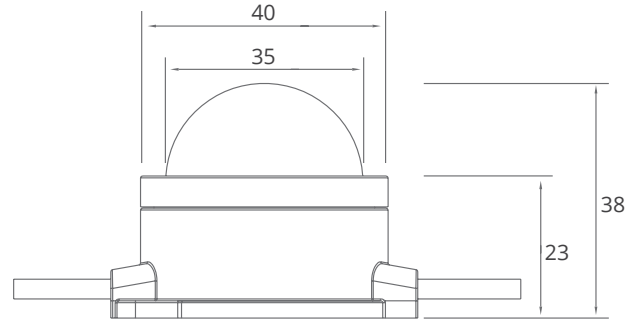
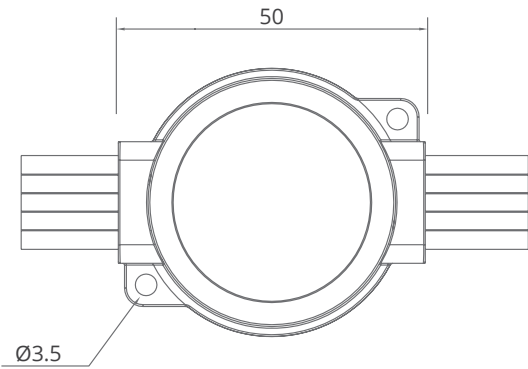
<b>MODEL</b>	COLOUR WAVE INSTA DOT 40
<b>OPERATING VOLTAGE</b>	24V DC
<b>POWER CONSUMPTION</b>	2W, 3W(RGBW only)
<b>LED TYPE</b>	SMD
<b>COLOUR RANGE</b>	2700K, 3000K, 4000K, 5000K, Tunable, White, RGB, RGBW, RGBA
<b>PIXEL</b>	32 Dots Per Connection, Max spacing 2000mm
<b>SYSTEM EFFICIENCY</b>	51lm/W@3000K
<b>FWHM</b>	120°
<b>MATERIAL</b>	Aluminum + 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>	Ø40*36mm
<b>CABLE LENGTH</b>	300mm
<b>WATER PROOF</b>	IP66
<b>CONTROL</b>	DMX

## FEATURES & OPTIONS



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

**DIMENSIONS**



\*all units are in mm

**OPTIC SELECTION**



120°

LED	Lumens	Watts	Efficacy
WHITE	103.02	2.00	51.51

CenterBeamLux	Illuminance at Distance
34.91 lx	0.8m
8.72 lx	1.7m
3.88 lx	2.5m
2.18 lx	3.3m
1.39 lx	4.2m
0.97 lx	5.0m

**3000K**

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



120°

LED	Lumens	Watts	Efficacy
RGBW	42.76	2.00	21.38
R	10.52	0.40	26.31
G	21.38	0.58	36.87
B	3.14	0.48	6.55
W	20.42	0.45	45.39

CenterBeamLux	Illuminance at Distance
6.75 lx	0.8m
1.68 lx	1.7m
0.75 lx	2.5m
0.47 lx	3.3m
0.27 lx	4.2m
0.19 lx	5.0m



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