

# DOT SURFACE 48

IP66 **PIXEL**

- A vivid fusion of colors,
- A high purity of white,
- Extreme smooth chromatic transition due to automated DMX control system,
- Max 3w/dot for skyscraper outline,
- Dot spacing can be customized.



- RGBW
- RDM
- Dimmable
- Extreme Environments
- IP66
- Easy Installation

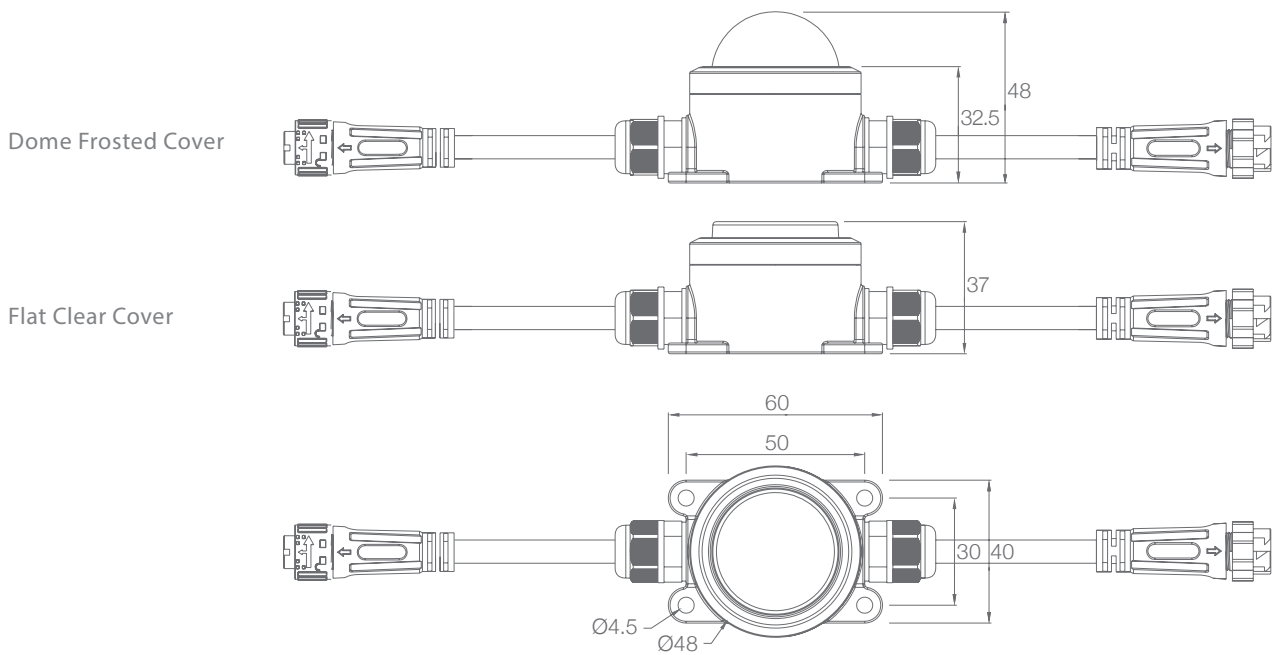


## SPECIFICATION

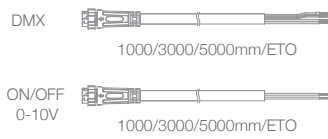
MODEL	› DOT SURFACE 48
OPERATING VOLTAGE	› 24V DC
POWER CONSUMPTION	› 3W Max
LED TYPE	› SMD
COLOR RANGE	› 2700K,3000K,4000K,5000K,Tunable White,RGB,RGBW
PIXEL	› 25 Dots Per Connection, Max spacing 1000mm
CRI	› 80min
SYSTEM EFFICIENCY	› 69lm/W@3000K
FWHM	› 120°
MATERIAL	› Aluminum + PMMA Cover
OPERATING TEMPERATURE	› -20°C ~ +55°C
STORAGE TEMPERATURE	› -25°C ~ +60°C
LIFE TIME	› 50,000 hours/L70 at 25°C
CONNECTION	› Quick-Plug
DIMENSIONS	› Φ48*48(H)mm (Dome Frosted Cover) › Φ48*37(H)mm (Flat Clear Cover)
CABLE LENGTH	› 500mm
WATER PROOF	› IP66
CONTROL	› ON/OFF, DMX/RDM, 0-10V Dim
LIST	› CE

ORDER CODE	MODEL	UNIT	PIXEL	POWER	CCT	SPACING	OPTICS	VOLTAGE	CONTROL	COVER
EXAMPLE	DOT SURFACE 48	- 25	- 25	- 3	- RGBW	- 1000	- 120	- 24	- DMX	- DOME

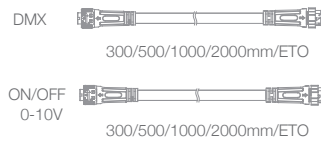
## DIMENSIONS



### Leader Cable



### Jumper Cable



## OPTIC SELECTION



120°

LED	Lumens	Watts	Efficacy
WHITE	214.24	3.10	69.01

CenterBeamLux	Illuminance at Distance
72.24 lx	0.8m
18.06 lx	1.7m
8.03 lx	2.5m
4.52 lx	3.3m
2.89 lx	4.2m
2.01 lx	5.0m

■ Ver. Spread: 121.0° ■ Horiz. Spread: 121.0°

3000K  
(Dome)



120°

LED	Lumens	Watts	Efficacy
RGBW	82.80	3.70	22.38
R	18.41	0.70	26.31
G	40.55	1.10	36.87
B	7.20	0.95	6.55
W	41.22	0.95	45.39

CenterBeamLux	Illuminance at Distance
16.65 lx	0.8m
4.16 lx	1.7m
1.85 lx	2.5m
1.04 lx	3.3m
0.67 lx	4.2m
0.46 lx	5.0m

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

  
(Dome)