MOSS
www.mossled.com

cULus LISTED E489028   CE   RoHS

• Designed in Canada •

DATASHEET - PixelFlex LED Tape RGBW - 24V DC

A world first! High CRI Pixel FlexLED. This product uses the same LED chips as our standard FlexLED RGBW AIO
LEDs. Group controlled every 6 LEDs.
This is our brightest Pixel FlexLED and at 24VDC allows for longer runs of LED while still allowing for dazzling
effects and endless possibilities.
Control these strips with our PixlArt 416 controller via ArtNet or sACN data signals. Suitable for on-camera use and flicker-free up to 60 fps at most camera settings.

SPECIFICATIONS - INDOOR PRODUCT

Product Type	72 LED/meter	72 LED/meter	72 LED/meter
Product Code	I24VRGBW56360UCS8904	I24VRGBW41360UCS8904	I24VRGBW27360UCS8904
CRI	<95	<95	<95
Kelvin	5600k	4100k	2700k
PCB Color	Black	Black	Black
Current, Rating	0.83 A / meter	0.83 A / meter	0.83 A / meter
Voltage	24 VDC	24 VDC	24 VDC
Wattage	20 W / meter	20 W / meter	20 W / meter
CC / CV	Constant Voltage	Constant Voltage	Constant Voltage
IP Rating	IP43	IP43	IP43
Lumens @ Full	1500 lm / meter	1500 lm / meter	1500 lm / meter
Lumen / Watt	75	75	75
Lifetime*	40,000 hours	40,000 hours	40,000 hours
Cutting Length	8.33 CM	8.33 CM	8.33 CM
LED Quantity	72 LED / meter	72 LED / meter	72 LED / meter
Number of Contacts	3	3	3
LED Type	UCS-8904	UCS-8904	UCS-8904
Copper Quantity	3 Oz.	3 Oz.	3 Oz.
Temperature, Operating, Minimum	-40 C	-40 C	-40 C
Agency Ratings	UL - E489028, CE, RoHS	UL - E489028, CE, RoHS	UL - E489028, CE, RoHS
PCB Width	12 MM	12 MM	12 MM
Maximum Recommended	5 meters	5 meters	5 meters

Length			
Viewing Angle	120 degree	120 degree	120 degree
Adhesion	TESA 4965	TESA 4965	TESA 4965
Wavelength A	620 ~ 625nm	620 ~ 625nm	620 ~ 625nm
Wavelength B	515 ~ 520nm	515 ~ 520nm	515 ~ 520nm
Wavelength C	460 ~ 465nm	460 ~ 465nm	460 ~ 465nm
Wavelength D	N/A	N/A	N/A
Data Transmission Speed	800 kbps	800 kbps	800 kbps
Refresh Rate	25 FPS	25 FPS	25 FPS
Bit Rate	64 Bit	64 Bit	64 Bit
Data Clock Frequency	N/A	N/A	N/A
PWM Dimming Frequency	2 KHZ	2 KHZ	2 KHZ

Handling Instructions, Notes & Soldering Guidelines

- For use with Class 2 or power-limited Class 1 circuits

- Observe proper anti-static handling at all times

- FlexLED tape product can experience line loss (voltage drop) if recommended length is exceeded

- Storage temperature -60° - +60°c Operating temperature: -20°c - +60°c

- Variations of wavelength & luminance can be observed between date codes

- Do not illuminate FlexLED tape while in bag or on packaging reel

- Installation surfaces must be smooth, clean, and dry

- FlexLED tape cannot be affixed to sharp objects

- Do not crush or bend FlexLED tape

- FlexLED tape can only be cut on cut lines

- For any questions or concerns please consult our website or contact us directly
- Soldering iron should be between 360°C and 372°C. Please ensure not to heat each solder pad for longer than 3 seconds otherwise separation of the solder pads can occur.
- Indoor and weatherproof strips have double-sided tape on the back which makes installation easy and effortless.
- Waterproof & weatherproof products must be mounted using silicone glue or similar.
- Controller, power supply and extension cables sold separately.

Moss LED Inc. reserves the right to change details of the product without notice.