

RGB+W

Special Series 20W

RGB + White 4 in 1 LED Tape



<390
LM PER/M

20W
PER/M

24V
PARALLEL

RGB+W 4 in 1 LED Tape features an additional "White" Channel in 3000K Warm White or 4000K Natural White.

AVAILABLE IN

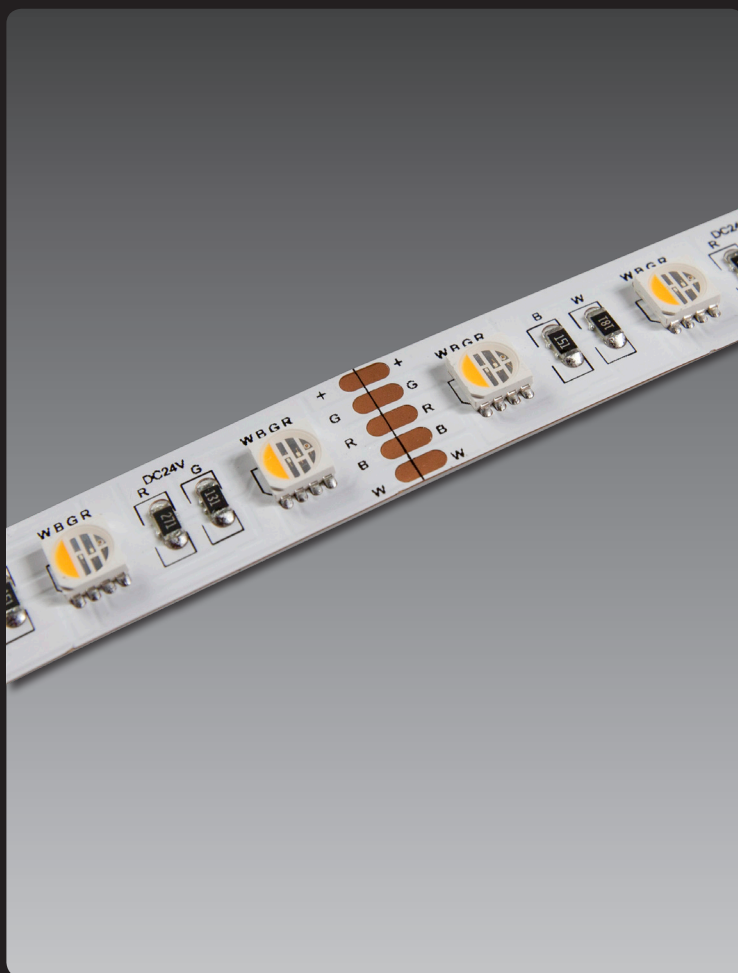
Standard IP20

RGB + 3000K Warm White or 4000K Natural

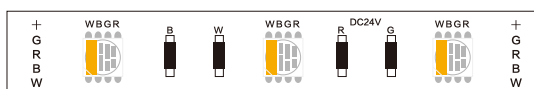
IP67 Exterior / Wet Area

RGB + 3000K Warm White or 4000K Natural

Requires Multi colour Control gear to operate, see specifications.



DIMENSIONS



Cut Increments

100mm (60 Diodes per m)

Tape Width Tape Height Recommended Run Lengths

Standard: 12mm	Standard: 1.5mm	Single feed: 5m Dual Feed: 5-10m
IP67: 14mm	IP67: 2.5mm	10m+: Split into 5m increments with invisible joins and use multiple drivers / repeaters for unlimited run lengths.

Note: The run lengths above are "best practice" recommendations. You can run a 10m length with a single feed however it will have voltage drop at the end of the tape. Use common sense when configuring feeds and power supply locations.

TECHNICAL

INPUT VOLTAGE	24V DC
WATTAGE	20W per m
CURRENT DRAW	0.83A per m
LIFESPAN	50,000 Hours
BEAM ANGLE	120°
DRIVER	Not included, specify according to wattage / current
WARRANTY	5 Year Warranty
APPLICATION	Interior and Exterior linear lighting

AVAILABLE IN

CODE	COLOUR TEMP	IP RATING	LUMENS
LT20 RGBW	3000K + RGB	IP20	R:100 G:360 B:90 W:390
LT20 RGBWX	3000K + RGB	IP67	R:87 G:342 B:84 W:360
LT20 RGBN	4000K + RGB	IP20	R:100 G:360 B:90 W:390
LT20 RGBNX	4000K + RGB	IP67	R:87 G:342 B:84 W:360

Feeds, accessories and profiles on following page.

ACCESSORIES STANDARD

CODE	DESCRIPTION
LTFRGBW	Pre-soldered feed cable. Please specify length e.g. for a 2.5m feed specify 2.5x LTF
LTJRGBW	Factory join pre soldered (Specify length)

ACCESSORIES IP67

CODE	DESCRIPTION
LTFRGBWX	IP67 Pre-soldered feed cable. Please specify length e.g. for a 2.5m feed specify 2.5x LTF
LTJRGBWX	IP67 Factory join pre soldered (Specify length)

RGB+W CONTROL GEAR



HL1009FA

RF Receiver (Receives and sends signal from wireless controls to RGB Tape)



HL3002

Repeater / Amplifier, for extending infinite circuits from one HL1009 Controller.



HL2820RGBW / Z

RGB+W RF Wireless Wall Control



HL2819SRGBW

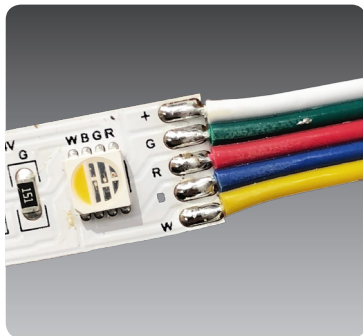
RGB+W RF Remote Control

INSTALLATION NOTES

- 1/ Always check LED Tape wattage and current draw is well within the driver parameters, if in doubt increase driver size.
- 2/ All Halcyon LED Tape is supplied complete with 3M Adhesive backing.
- 3/ Our LED tape is tested and QC checked prior to delivery, custom cut lengths are non returnable.
- 4/ LED tape is fragile, take care during transport and installation. Bending or shaping beyond format supplied is to be avoided at all times.

Isolating the White Channel for RGB + W Lighting

To operate only the "White" Channel press the W button in the centre of the colour wheel for the HL2819 remote control or the White channel button on the HL2820 wall controller. The colours will then appear desaturated indicating the white channel is turned on. Now adjust the brightness button (*) downwards. This will dim the Red, Green and Blue channels so only the White is operating.



RGB+ Feed cable

White = 24V DC (+)
Green Cable = Green (-)
Red Cable = Red (-)
Blue Cable = Blue (-)
Yellow Cable = White (-)