

VEX LED TAPE



A range of high-quality LED tapes in a wide range of CCT, Colour and Power options.

Top Bending | Indoor Use Only (Outdoors With Suitable Enclosure)



Remote Driver

Features & Benefits

Wide Range of CCT Selections

Static White CCT (1600K to 6500K), RGBW and RGB Dynamic Pixel options are available. Static White is CRI 90 as standard.

Exceptional Quality LED Tape

At 8mm (Static White) & 10mm (RGBW & RGB Dynamic) wide, these high quality LED tapes boast 160, 240 & 120 LEDs per meter respectively. Superior voltage regulation and 4oz copper are also features.

Cut to Length On-Site

Supplied in reel lengths of 5m, Vex LED tape can be cut on-site at 50mm or 100mm intervals depending on the specification selected.

Accompanying Extrusions Available

Combine our tape with a selection of aluminium extrusions with an integrated lens for increased environmental protection and to give a diffuse light output.

Compliance

UKCA, CE, UL, IP20 - Bare Tape (IP67 Available in Static White)

5-Year Warranty

Standard 5-year warranty, L90 (Static White) @ >36,000 hours.

LIGHT OUTPUT INFORMATION

Tape Efficacy (lm/W)

Fixture Type	Power Output	Static White									
		1600K	1800K	2000K	2200K	2500K	2700K	3000K	3500K	4000K	6500K
VEX LED TAPE	6 W/m	73	81	103	118	131	134	140	147	155	155
	10 W/m	73	81	103	118	131	134	140	147	155	155
	15 W/m	73	81	103	118	131	134	140	147	155	155
Fixture Type	Power Output	RGBW ¹				RGB Dynamic Pixel ²					
		Red	Green	Blue	White (2700K)	Red	Green	Blue	Max (White)		
VEX LED TAPE	15 W/m	22	89	16	85	22	63	13	35		

Tape Lumen Output (lm/m)

Fixture Type	Power Output	Static White									
		1600K	1800K	2000K	2200K	2500K	2700K	3000K	3500K	4000K	6500K
VEX LED TAPE	6 W/m	440	490	620	710	790	805	840	880	930	930
	10 W/m	730	810	1030	1180	1310	1340	1400	1470	1550	1550
	15 W/m	1095	1215	1545	1770	1965	2010	2100	2205	2325	2325
Fixture Type	Power Output	RGBW ¹				RGB Dynamic Pixel ²					
		Red	Green	Blue	White (2700K)	Red	Green	Blue	Max (White)		
VEX-LED TAPE	15 W/m	80	335	60	320	110	315	65	525		

The values above are specified at CRI = 90

When Static White IP67 is selected, the output will be reduced by 10%.

If the data that you require is missing, please contact your Vexica representative.

¹RGBW consists of 4 channels (Red, Green, Blue & White) each capable of 25% of the maximum total luminaire power output (15W/m).

²The values given for RGB Dynamic represent all pixels being set to the same colour. Each colour can output 33% of the maximum total luminaire power rating (15W/m), the 'Max (White)' value is recorded when all channels are set at 100% for each pixel.

Vexica run regular development cycles, continuously optimising and balancing product specifications to best suit our customers. All information therefore, is intended as a guide and specifications may change on occasion without notice or announcement. Technical data is measured under controlled conditions, expected performance is within +/- 10% of advertised figures. Information provided above is intended as a description of the product and shall not be used in the form of any contract.

ELECTRICAL INFORMATION

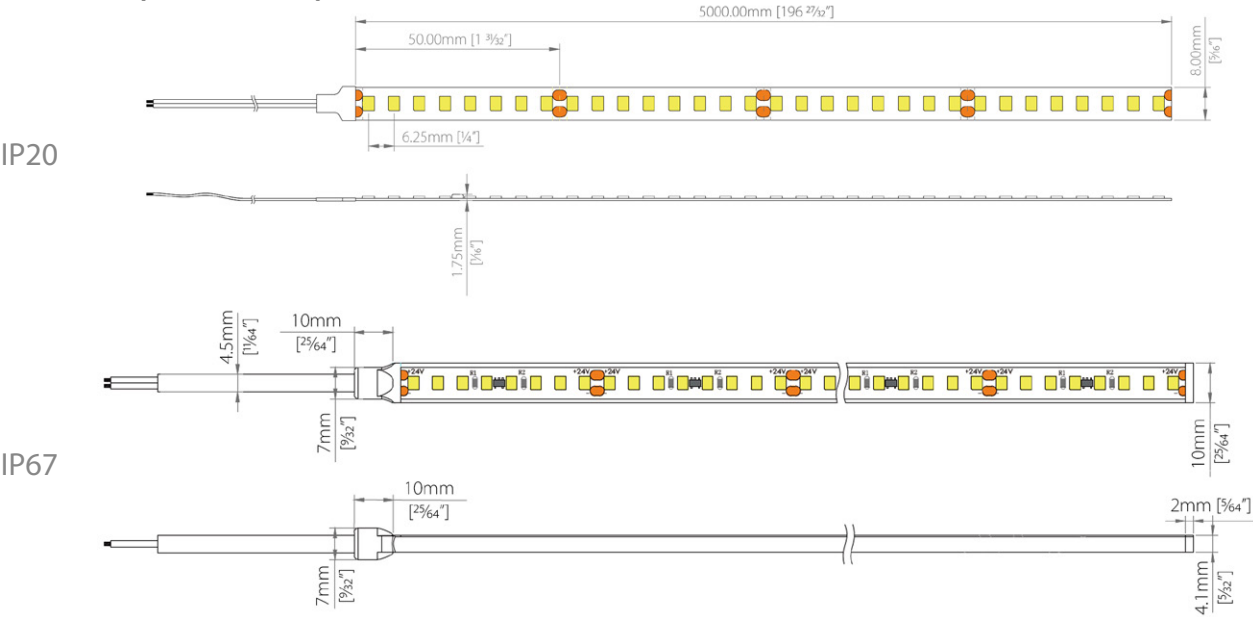
Power Options	6 W/m (Static White Only)	
	10 W/m (Static White Only)	
	15 W/m (All Options)	
Input Voltage	24 VDC (23.5V Min, 24.5V Max)	
LED Type	Static White	SMD2835
	RGBW	SMD2835 + SMD2216
	RGB Dynamic	SMD5050
LED Quantity	Static White	160/m
	RGBW	240/m
	RGB Dynamic	120/m
LED Binning	3 SDCM (White Only)	
Dimmable	Yes	
Connection Type	200mm Flying Leads (22AWG)	
Cable Entry	End	
Maximum Chain Length	6 W/m	15.0m
	10 W/m	9.0m
	15 W/m	6.0m

PHYSICAL & ENVIRONMENTAL INFORMATION

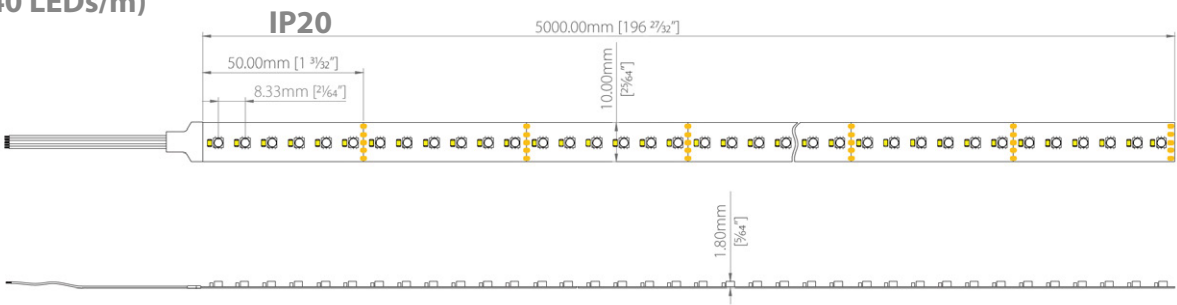
Finish	Bare Flexible LED Tape (White)	
Bend Direction	Top Bending	
Ambient Operating Temperature	-20°C to +55°C	
Ambient Storage Temperature	-20°C to +60°C	
IP Rating	IP20 - Bare Tape (IP67 Available for Static White ONLY)	
Tape Cross-section Dimensions	Static White (IP20)	8mm x 1.75mm
	Static White (IP67)	10mm x 4.1mm
	RGBW & RGB Dynamic	10mm x 1.8mm
Reel Length	5.0m	
Cutting Increments	Static White & RGBW	50mm
	RGB Dynamic	100mm
Minimum Bend Radius	20mm	
Weight	0.050 kg/m	

PRODUCT DIMENSIONS

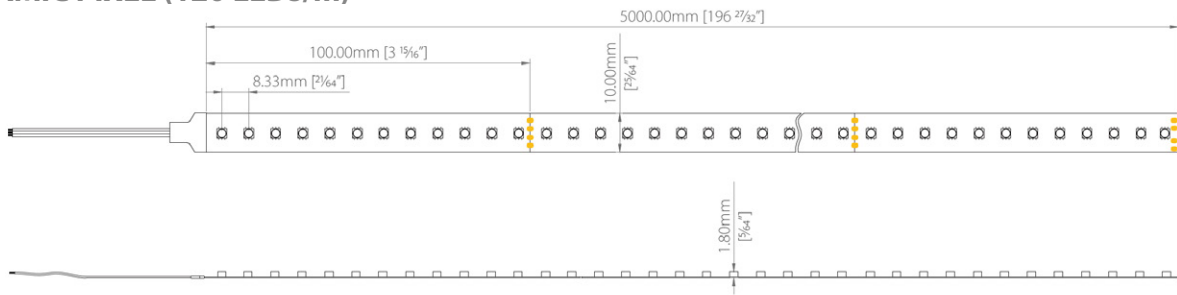
Static White (160 LEDs/m)



RGBW (240 LEDs/m)



RGB DYNAMIC PIXEL (120 LEDs/m)



LENGTH (L) OPTIONS

Product	LED Colour	Standard Supply Length (mm)	Cutting Interval (mm)
Static White	White	5000	50
RGBW	RGB + White		
RGB Dynamic	RGB		100

LED CCT/COLOUR OPTIONS

STATIC WHITE

1600K, 1800K, 2000K, 2200K, 2500K, 2700K,
3000K, 3500K, 4000K, 6500K



RGBW¹

RGB + 2700K



RGB DYNAMIC PIXEL²

RGB (10 pixels per m)



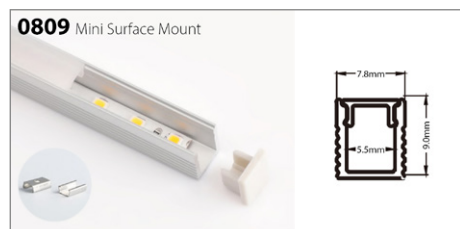
¹RGBW consists of 4 channels (Red, Green, Blue & White) each capable of 25% of the maximum total luminaire power output (15W/m).

²Must be used in conjunction with a Vexica HybridDrive6 driver plus PSU. Max cable length from driver to first fitting is 1m, any extensions will require additional equipment. Contact your Vexica rep for details.

LED TAPE MOUNTING CHANNELS

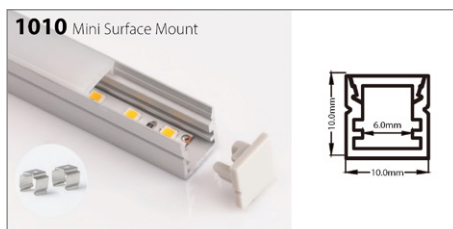
Profiles are silver anodised aluminium with a milky, dot-free PC cover (standard). Other colours and covers are available on request. Each 1m length comes as a kit, including two attachment clips and two end caps (one with cable entry, one blank). Lengths up to 3m may be available depending on order volume. Additional clips or end caps can be supplied separately on request.

SURFACE MOUNT PROFILES



0809 Mini Surface Mount

Product Code	023222
Maximum Tape Width (mm)	5
Outer Dimensions (mm)	7.8 x 9.0
Max Transmittance (%)	60



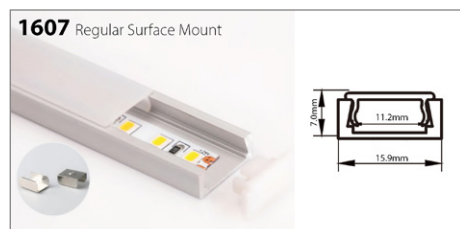
1010 Mini Surface Mount

Product Code	023239
Maximum Tape Width (mm)	5
Outer Dimensions (mm)	10.0 x 10.0
Max Transmittance (%)	50



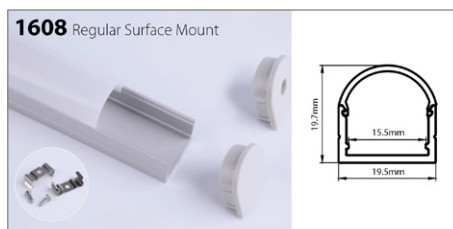
1215 Regular Surface Mount

Product Code	023506
Maximum Tape Width (mm)	8
Outer Dimensions (mm)	12.0 x 14.9
Max Transmittance (%)	50



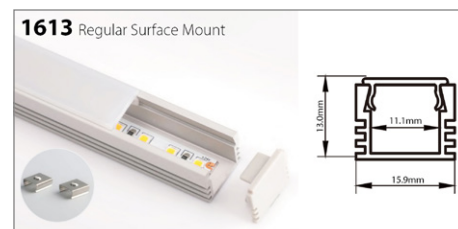
1607 Regular Surface Mount

Product Code	021949
Maximum Tape Width (mm)	10
Outer Dimensions (mm)	15.9 x 7.0
Max Transmittance (%)	60



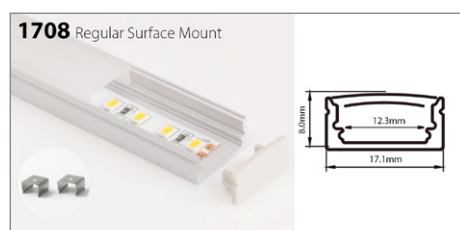
1608 Regular Surface Mount

Product Code	023507
Maximum Tape Width (mm)	15
Outer Dimensions (mm)	19.5 x 19.7
Max Transmittance (%)	60



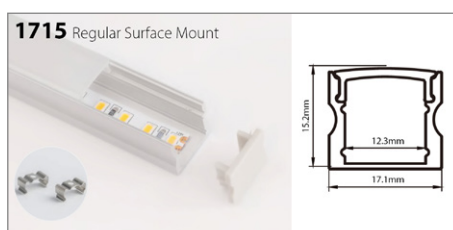
1613 Regular Surface Mount

Product Code	021950
Maximum Tape Width (mm)	10
Outer Dimensions (mm)	15.9 x 13.0
Max Transmittance (%)	40



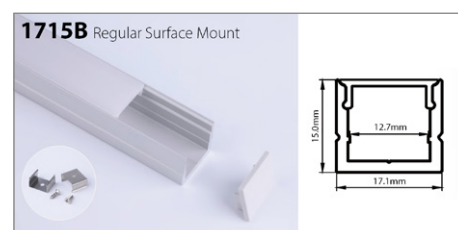
1708 Regular Surface Mount

Product Code	021951
Maximum Tape Width (mm)	12
Outer Dimensions (mm)	17.1 x 8.0
Max Transmittance (%)	70



1715 Regular Surface Mount

Product Code	023405
Maximum Tape Width (mm)	12
Outer Dimensions (mm)	17.1 x 15.2
Max Transmittance (%)	50

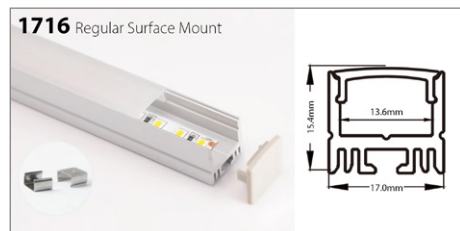


1715B Regular Surface Mount

Product Code	023510
Maximum Tape Width (mm)	12
Outer Dimensions (mm)	17.1 x 15.0
Max Transmittance (%)	60

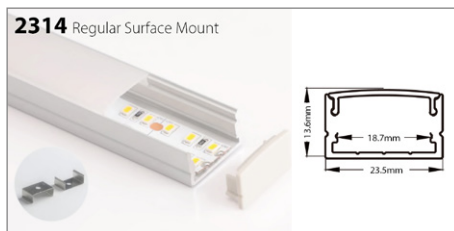
LED TAPE MOUNTING CHANNELS CONT.

SURFACE MOUNT PROFILES CONT.



1716 Regular Surface Mount

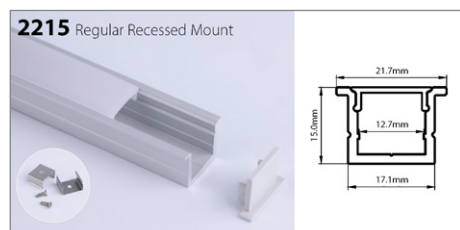
Product Code	023511
Maximum Tape Width (mm)	12
Outer Dimensions (mm)	17.0 x 15.4
Max Transmittance (%)	60



2314 Regular Surface Mount

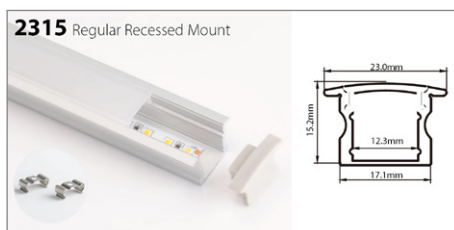
Product Code	023512
Maximum Tape Width (mm)	18
Outer Dimensions (mm)	23.5 x 13.6
Max Transmittance (%)	70

RECESSED PROFILES



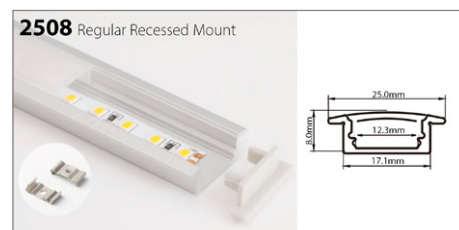
2215 Regular Recessed Mount

Product Code	022468
Maximum Tape Width (mm)	12
Outer Dimensions (mm)	21.7 x 15.0
Max Transmittance (%)	60



2315 Regular Recessed Mount

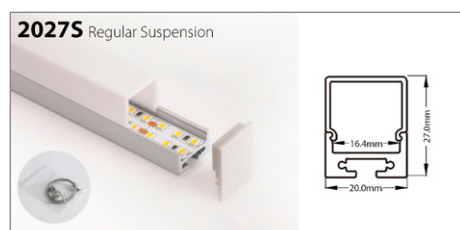
Product Code	023515
Maximum Tape Width (mm)	12
Outer Dimensions (mm)	23.0 x 15.2
Max Transmittance (%)	50



2508 Regular Recessed Mount

Product Code	023516
Maximum Tape Width (mm)	12
Outer Dimensions (mm)	25.0 x 15.0
Max Transmittance (%)	70

SUSPENDED PROFILE



2027S Regular Suspension

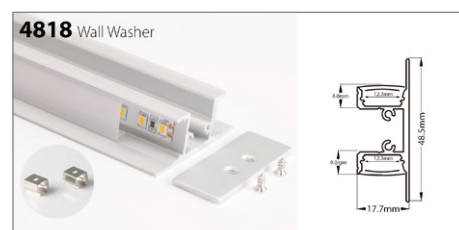
Product Code	023522
Maximum Tape Width (mm)	16
Outer Dimensions (mm)	20.0 x 27.0
Max Transmittance (%)	80



1616R Corner Mount

Product Code	023305
Maximum Tape Width (mm)	10
Outer Dimensions (mm)	15.8 x 15.8
Max Transmittance (%)	70

WALL WASHER PROFILE

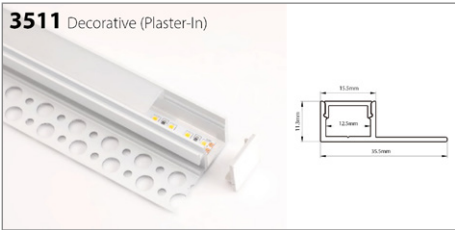


4818 Wall Washer

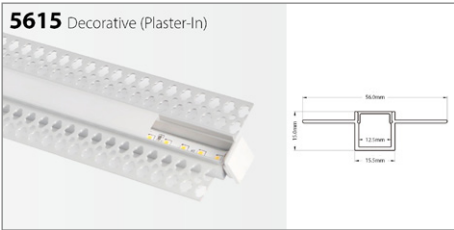
Product Code	023530
Maximum Tape Width (mm)	12
Outer Dimensions (mm)	17.7 x 48.5
Max Transmittance (%)	60

LED TAPE MOUNTING CHANNELS CONT.

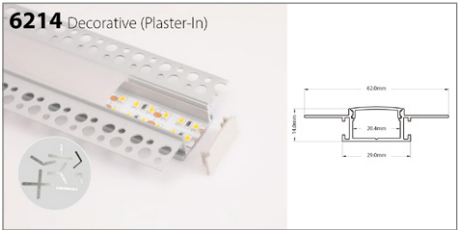
DECORATIVE PROFILES



Product Code	023535
Maximum Tape Width (mm)	12
Outer Dimensions (mm)	35.5 x 11.3
Max Transmittance (%)	50



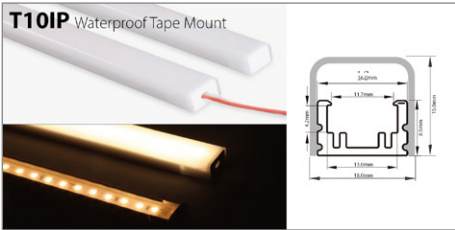
Product Code	023539
Maximum Tape Width (mm)	12
Outer Dimensions (mm)	56.0 x 15.0
Max Transmittance (%)	50



Product Code	023540
Maximum Tape Width (mm)	20
Outer Dimensions (mm)	62.0 x 14.0
Max Transmittance (%)	70

WATERPROOF TAPE MOUNT (IP67 TAPE ONLY)

This profile is specifically designed to accommodated the structure and increased dimensions of IP67 rated tape. As a result it should only be considered where IP67 tape is required.



Product Code	025424
Maximum Tape Width (mm)*	12
Outer Dimensions (mm)	18.0 x 15.0
Max Transmittance (%)	80

* The maximum tape width specified here represents finished enclosed tape with IP67 rating.

FIXTURE ORDERING

Project Name

1) FIXTURE & OUTPUT TYPE

PRODUCT	CCT/LED Colour		LUMINAIRE LENGTH	
VEX-LED-TAPE			5000	
Vex LED Tape is a high-quality bare tape that can be cut to length on-site.	1600K	1600K	5000	5000mm Standard Reel Length
	1800K	1800K		
	2000K	2000K		
	2200K	2200K		
	2500K	2500K		
	2700K	2700K		
	3000K	3000K		
	3500K	3500K		
	4000K	4000K		
	6500K	6500K		
	RGB-2700K	RGBW (W=2700K)		
	RGB-DYN	RGB Dynamic Pixel		

2) POWER OPTION, LUMINAIRE LENGTH & CRI

POWER OPTION		IP RATING		CRI	
6W	6 W/m (Static White Only)	-	IP20 (Bare Reel, All Options)	90CRI	Static White & RGBW = 90CRI
10W	10 W/m (Static White Only)	IP67	IP67 (Waterproof, Static White Only)	-	RGB Dynamic = N/A
15W	15 W/m (All Options)				

PRODUCT CODE:

EXAMPLE: VEX - LED - TAPE - 1600K - 5000 - 6W - IP67- 90CRI

STANDARDS & CERTIFICATIONS

Compliance

Standard Marks



Environmental Suitability

Recyclable

Not Recyclable

Reliability

Quality Assurance

All products are carefully selected and tested by Vexica so that you can be assured of their quality, function and reliability.

Warranty & Terms

Terms & Conditions

Warranty Registration

For details on our warranty and business terms, please click or scan the QR Code.

Notes



VEXICA.COM | SALES@VEXICA.COM | +44 (0)113 243 4813

VEXICA TECHNOLOGY | Typhoon House, Moxon Way, Leeds, West Yorkshire, LS25 6FB, United Kingdom