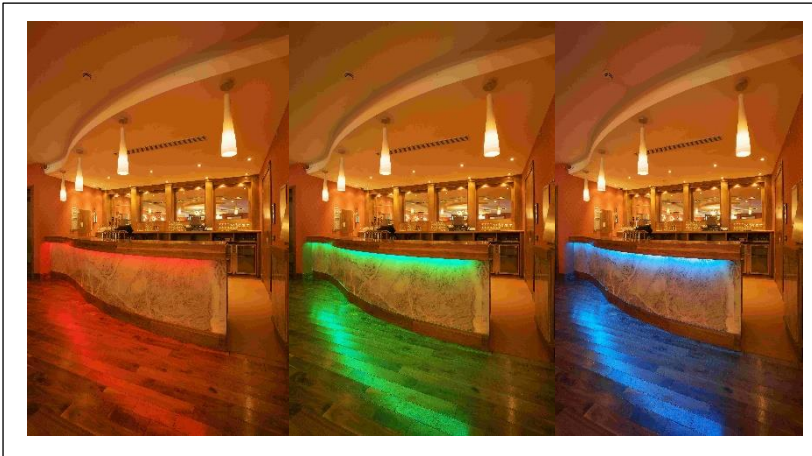


## DISPLAY & LED FLEXI-STRIPS

# ROBUS®

### VEGAS LED SINGLE COLOUR AND RGB+W FLEXI-STRIP

This range of LED flexi-strip consists of single colour warm or neutral white or RGBW strip. This is a system, which when used with appropriate drivers and controllers provides a superb lighting effect for domestic, retail, commercial or entertainment venues. Accessory amplifiers allow the system to be extended to almost unlimited size



#### Applications:

- Restaurants, Bars, Hotels, Clubs
- Over/under wall cabinet/counter displays
- Ceiling and wall features
- Feature illumination
- Window dressing
- "Star buy" products

#### Features & Benefits:

- The range is available in reels of 10 metres which is the maximum continuous run length for single colour so is ideal for maximum reel utilisation
- The range includes Warm and Neutral white and RGB+W, which provides a range of solutions from simple dimmable single colour to exciting multi-colour mode combinations
- Available in 24VDC, 9.6W and 12W per meter for single colour and RGBW respectively, the range provides impressive lighting solutions for low cost domestic or high specification homes, retail, entertainment venues or commercial premises
- Having an IP67 rating, the LED strip provides high ingress protection for wet areas such as bathrooms or water features
- A full range of drivers make it suitable for small installations such as a display cabinet or for large bespoke systems requiring multiple high power PSU's
- A full range of aluminium extrusion in lengths of 2m provide mechanical protection for the strip where installed in positions where it might be damaged such as under stair tread nosing's
- There are connection packs available allowing complex flexi-strip designs to be installed
- A complete range of standard, dimmable drivers and controller receivers with 4-zone hand-held remote control provide extended control options. This enables 4 separate zones to be controlled from one hand-held remote control
- Multiple controller receivers can be paired to each zone which allows control of single colour, two colour, RGB or RGBW strip in each zone
- All controller receivers have a "Wireless Synchronisation" function which means controller receivers in open or zone control will stay in sync
- Amplifiers are also available to extend the system almost without limit. These are used when controller receivers are greater than the max communication distance, 10m
- The LED's used are of high quality, being tested to IES LM80 so have a rated LED life of 30,000 hours and carry the Robus 3 year warranty
- The LED's run cool so produce little infra-red which together with no ultra-violet in the light beam means they won't burn or damage sensitive fabrics or displays and are won't burn sensitive skin if touched

## DISPLAY & LED FLEXI-STRIPS

# ROBUS®

### VEGAS LED SINGLE COLOUR AND RGB+W FLEXI-STRIP

FLEXI-STRIP	3000K	4000K	RGB+4000K
Product Code:	IP67 RVA96306710	RVA96406710	RVA12RGBNW6710
Reel Length (m):	10	10	10
Maximum Run Length (m):	10	10	10
Operating Voltage (Vdc):	24	24	24
Volt Drop/m (V):	0.4	0.4	0.45
LED's/m:	120	120	60
Total Power (W/m):	9.6	9.6	12
Total Light Output (lm/m):	990	995	NA
Illuminance at 1m (lux):	230	230	NA
Beam Angle (deg):	120	120	120
CRI (Ra):	80	80	80
Rated Life (hrs):	30,000	30,000	30,000
Warranty (yrs):	3	3	3
Ingress Protection (IP):	67	67	67
Operating Temperature (°C):	-20 ≤ t ≤ +40	-20 ≤ t ≤ +40	-20 ≤ t ≤ +40
Height (mm):	3	3	4
Width (mm):	10	10	14
Box Qty:	1	1	1
Weight (kg):	0.65/reel	0.65/reel	0.75/reel

### AMPLIFIERS AND CONTROLLERS



Product Code:	RVARGBW-AMP	RVA4CH-REC	RVA4Z-RC
Total Power at 24V (W):	768	384	NA
Rated Life (hrs):	30,000	30,000	30,000
Warranty (yrs):	3	3	3
Ingress Protection (IP):	20	20	20
Operating Temperature (°C):	-20 ≤ t ≤ +40	-20 ≤ t ≤ +40C	-20 ≤ t ≤ +40
Output Current (mA):	4x8,000	4x4,000	NA
Operating Voltage (Vdc):	12-24	12-24	NA
Height (mm):	34	25	20
Length (mm):	80	160	150
Width (mm):	73	46	40
Box Qty:	1	1	1
Weight (kg):	0.13	0.1	0.1

### NON-DIMMABLE DRIVERS



24V IP20	NA	NA	NA	NA
24V IP67	RVA6024IP67-PSU	RVA10024IP67-PSU	RVB200-PSU	RVA32024IP67-PSU
Total Power (W):	60	100	200	320
Rated Life (hrs):	30,000	30,000	30,000	30,000
Warranty (yrs):	3	3	3	3
Safety Class:	I	I	I	I
Operating Temp (°C):	-20 ≤ t ≤ +40	-20 ≤ t ≤ +40	-20 ≤ t ≤ +40	-20 ≤ t ≤ +40
Power Factor (PF):	0.9	0.9	0.9	0.9
Height (mm):	30	38	40	35
Length (mm):	216	212	216	215
Width (mm):	42	46	68	73.5

### WALL SWITCH DIMMABLE DRIVERS



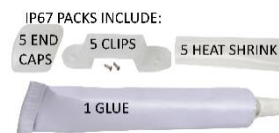
24V IP20	NA	NA	NA	NA
24V IP67	RVA6024IP67-PSU	RVA10024IP67-PSU	RVB200-PSU	RVA32024IP67-PSU
Total Power (W):	60	100	200	320
Rated Life (hrs):	30,000	30,000	30,000	30,000
Warranty (yrs):	3	3	3	3
Safety Class:	I	I	I	I
Operating Temp (°C):	-20 ≤ t ≤ +40	-20 ≤ t ≤ +40	-20 ≤ t ≤ +40	-20 ≤ t ≤ +40
Power Factor (PF):	0.9	0.9	0.9	0.9
Height (mm):	30	38	40	35
Length (mm):	216	212	216	215
Width (mm):	42	46	68	73.5

### Connection Accessories

CONNECTOR PACKS - Each pack contains connectors with the appropriate number of conductors for the strip type (2 to 5)

RVA67-CONNPK IP67 12VDC AND 24VDC SINGLE COLOUR CONNECTOR PACK

RVA67RGBW-CONNPK IP67 12VDC AND 24VDC RGB+W CONNECTOR PACK



### ALUMINIUM EXTRUSIONS

Product Code	Description	Mounting Type	Strip Type	Profile
REXS082-23	Length 2m + 2 end caps	Surface	Single colour or RGB	1
REXS122-23	Length 2m + 2 end caps	Surface	RGBW	2
REXR152-23	Length 2m + 2 end caps	Recessed	Single colour or RGB	3
REXR122-23	Length 2m + 2 end caps	Recessed	RGBW	4
REXA172-23	Length 2m + 2 end caps	Corner	Single colour of RGB	5

