PULSAR
CHROMASTRIP 25
DATASHEET

TC   SC

ACTUAL SIZE
25 MM DIAMETER

CHROMASTRIP 25
TRICOLOUR 900MM

CHROMASTRIP 25
TRICOLOUR 300MM

CHROMASTRIP 25
NARROW LENS

14 Watts/m	**24V** DC	**IP66**	**0.4 kg/m** 0.3 lbs/ft	**+50˚C** to -20˚C	**+122˚F** to -4˚F
16 Lengths	**40** LEDs/m	**100,000h** Dynamic	**25,000h** Full On	**2 LED** Options	**Custom** Population
+10V Input	**Smooth** Dimming	**Flicker** Free	**Thermal** Management	**Chroma** Zone Driven	
UV Protected	**Clips** Supplied	**5m** ChromaFlex	**16.4'** ChromaFlex	**Custom** Cable Options	
UK Made	**CE** Marked	**3 Year** Guarantee			

Also in this row: **3 Lens** Options

ChromaStrip 25 Series Luminaires

- Linear low voltage compact LED polycarbonate tube luminaires ideal for architectåural and entertainment applications.

- Available in from 150 to 2400mm increments of 150mm.

- High efficiency LEDs driven by Pulsar's advanced 100% flicker-free electronics for ultra smooth dimming and colour control.

- Choice of 2 LED type populations, from any single colour option to our flagship TriColour RGB colour mixing technology.

- Optional lens tightens the beam to 20˚ from its standard 100˚ output, and the circuit may be reversed to shine through the ribbed side of the tube for a wider visual effect for even greater flexibility.

Featured products: ChromaStrip 25

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CHROMASTRIP 25TC

ChromaStrip25 Specifications
A compact, linear, 24VDC low voltage, 25mm diameter LED poly-carbonate tube luminaire.
Designed for architectural and entertainment applications, driven by Pulsars advanced 100% flicker-free drive electronics for ultra smooth dimming and colour control.
All tubes have a special coating to protect them from UV light, the endcaps are made from tough glass filled translucent nylon, making them suitable for exterior use.

Colours
Six TriColour emitters, each containing 3 LEDs, per 150mm length.

Lengths
The ChromaStrip25 is available in 16 different lengths ranging from 150mm through to 2400mm in 150mm increments and linkable in runs of up to 3.6 meters (11.8").

Beam Angles
The product is shipped as standard with a 100 degree beam angle (the clear side of the tube is facing the LEDs). It is possible to increase the beam angle for a wider visual effect or reduce it to a narrow 20 degrees.
Note: you may specify your required beam angle when ordering.

To increase the beam angle for a wider visual effect, remove the 2 screws retaining the cable end cap and carefully slide out the circuit board.
Rotate the circuit board and carefully re-insert into the tube with the LEDs facing the ribbed side.
Ensure the gasket is correctly seated before fully tightening the 2 screws.

To decrease the beam angle to 20 degrees, remove the 2 screws retaining the cable end cap and carefully slide out the circuit board.
Place the lens strips (Pulsar Part 3367) over the LEDs and carefully re-insert the circuit board into the tube with the lenses and facing the clear side.
Ensure the gasket is correctly seated before fully tightening the 2 screws.

IP Rating
IP66.
If the tube is opened the tube ends, gasket and endcap surfaces must be kept clean to ensure IP66 integrity when the tube is re-assembled.
If contamination takes place all of the parts must be cleaned.
For more information, see: Page 4 - Use In Wet Environments

Supply Voltages
+24VDC supply and 3 x 0-10V control signals from e.g. a ChromaZone.
See table for the current and wattage requirements of the different lengths.

Light Output
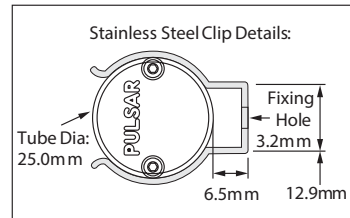50 lumens per 150mm length with R,G,B at 100%.

Connections
In-Line WAGO socket terminating 5m (16ft) of ChromaFlexLite.
Each ChromaStrip is also supplied with a colour coded WAGO socket and plug to make an extension lead.
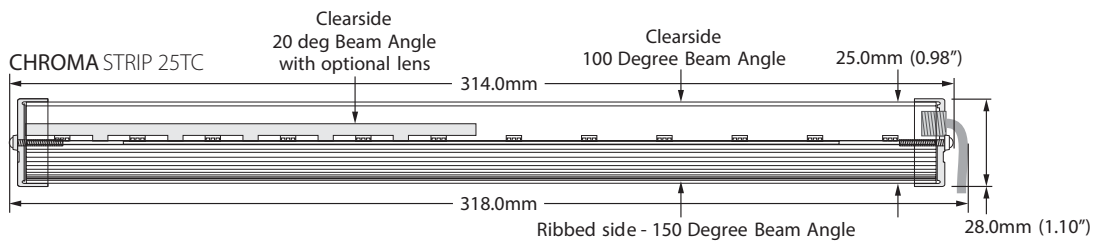
Fixings
Stainless Steel Marine Grade spring clips (painted white) are supplied with each ChromaStrip. Please contact Pulsar if you require other colours.
The quantity provided depends on the length of ChromaStrip - see table.

Stainless Steel Clip Details:

Tube Dia: 25.0mm
Fixing Hole 3.2mm
6.5mm 12.9mm

Product Code	Lumens RGB@100%	Current mA	Volts DC	Mains Watts via ChromaZone	Length Including Cable	Weight Inc Cable kg / lbs	Pack Weight kg / lbs	SS-Clips Provided
CS25-150	50	60	24	2.0	170mm	0.30 / 0.66	0.40 / 0.88	2
CS25-300	100	120	24	4.0	318mm	0.33 / 0.73	0.43 / 0.95	2
CS25-450	150	180	24	6.0	466mm	0.37 / 0.81	0.57 / 1.25	2
CS25-600	200	240	24	8.0	614mm	0.40 / 0.88	0.60 / 1.32	2
CS25-750	250	300	24	10.0	762mm	0.43 / 0.96	0.73 / 1.61	2
CS25-900	300	360	24	12.0	910mm	0.47 / 1.03	0.77 / 1.69	2
CS25-1050	350	420	24	14.0	1058mm	0.50 / 1.10	0.90 / 1.98	2
CS25-1200	400	480	24	16.0	1206mm	0.53 / 1.17	0.93 / 2.05	3
CS25-1350	450	560	24	18.0	1354mm	0.57 / 1.24	1.07 / 2.35	3
CS25-1500	500	620	24	20.0	1502mm	0.60 / 1.31	1.10 / 2.42	3
CS25-1650	550	680	24	22.0	1650mm	0.63 / 1.38	1.23 / 2.71	3
CS25-1800	600	740	24	24.0	1798mm	0.67 / 1.45	1.27 / 2.79	4
CS25-1950	650	800	24	26.0	1946mm	0.70 / 1.52	1.40 / 3.08	4
CS25-2100	700	860	24	28.0	2094mm	0.73 / 1.59	1.43 / 3.15	4
CS25-2250	750	920	24	30.0	2242mm	0.77 / 1.66	1.57 / 3.45	4
CS25-2400	800	980	24	32.0	2390mm	0.80 / 1.74	1.60 / 3.52	4

CHROMASTRIP 25TC

Clearside 20 deg Beam Angle with optional lens
Clearside 100 Degree Beam Angle
25.0mm (0.98")
314.0mm
318.0mm
Ribbed side - 150 Degree Beam Angle
28.0mm (1.10")

OPTIONS

Product Code: **CS25-LTC,** 25mm Diameter with TriColour LEDs
L - Length: 2400, 2250, 2100, 1950, 1800, 1650, 1500, 1350, 1200, 1050, 900, 750, 600, 450, 300, 150