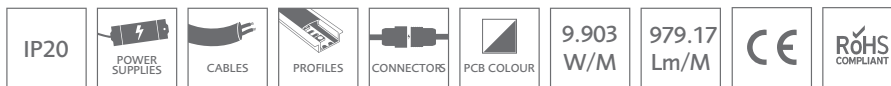


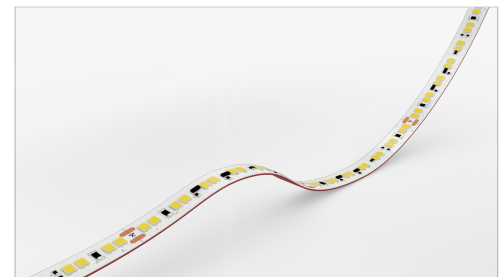
DIM TO WARM - 168 1800K-3000K

SPECIFICATION SHEET



PRODUCT SPECIFICATION

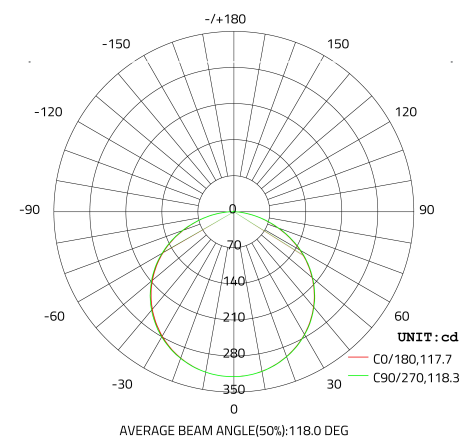
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.33 mm
LED pitch	11.91mm
Chip	Epistar
Beam angle	120°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	92.7
Lifetime	50,000 hours @ 45°
Operating temp.	-20 - 45°C
IP rating	IP20
Mounting	3M VHB backing tape
Minimum bend radius	50mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

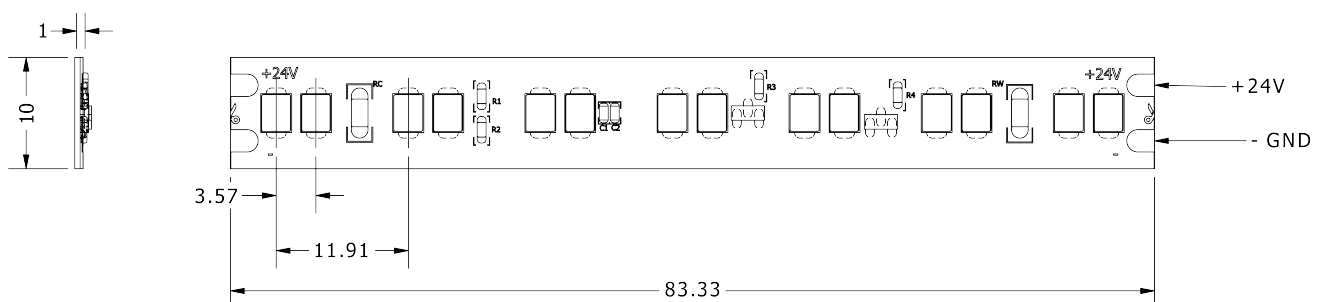
Power consumption	9.903 W
Supply voltage	24V DC
Supply current	0.4126 A
Luminous flux	979.17 lm/m
Luminaire efficacy (lm/W)	98.88 lm/W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING

IP 20



PRODUCT DETAILS

Product name	DIM TO WARM
Stated output	979.17 lm per metre
Description	Flexible LED tape, 1800K-3000K, 24V, 9.903 W/m
Quantity/length of product tested	1 x 1000mm
Bin tolerance/#. MacAdams ellipse of chip	3 Step MacAdam ellipse

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (W DC)	9.903
Input Current (mA DC)	413mA

LIGHT OUTPUT

Total light output (Lumens)	979.17
Luminaire efficacy (lm/W)	98.88
Beam angle	120°

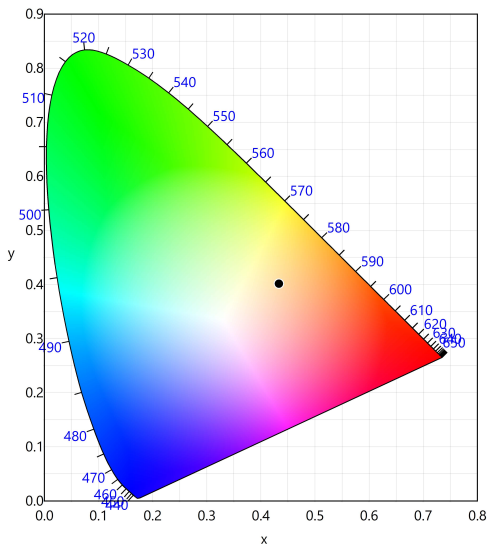
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3043K
Colour rendering index (CRI, Ra)	92.7
Chromaticity coordinates (CIE 1931 - x,y)	0.4333, 0.4017

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93	96	97	93	92	94	93	84	64	89	92	79	94	97	90

CHROMACITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

