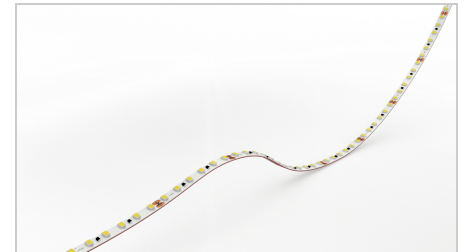


■ PRODUCT SPECIFICATION

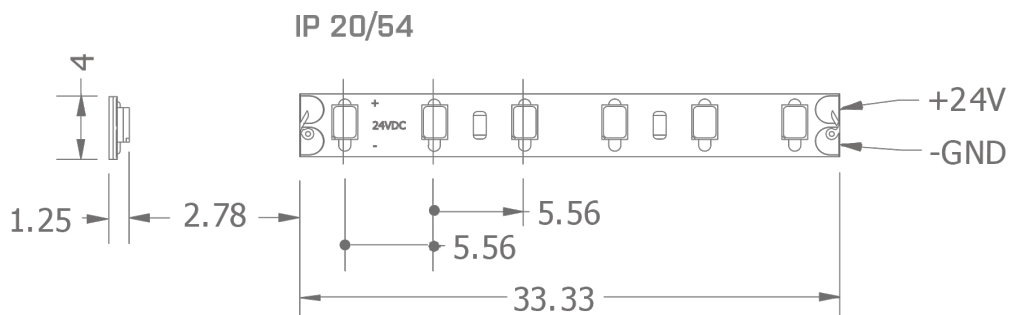
Dimension	L5000/W4mm
PCB increment	Power connection and cut point every 33.33mm
LED pitch	5.56mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	92.8
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



■ PERFORMANCE DATA (for 1000mm)

Power consumption	9.31W
Supply voltage	24V DC
Supply current	0.388A
Luminous flux	685Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	NANO FLEX 180
Stated output	685lm per metre
Description	Flexible LED Tape, 2700K, 24V, 9.31W/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 (WDC)	9.31
Input Current (mA DC)	388mA

■ LIGHT OUTPUT

Total light output (Lumens)	685
Luminaire efficacy (lm/W)	73.58
Beam angle	120°

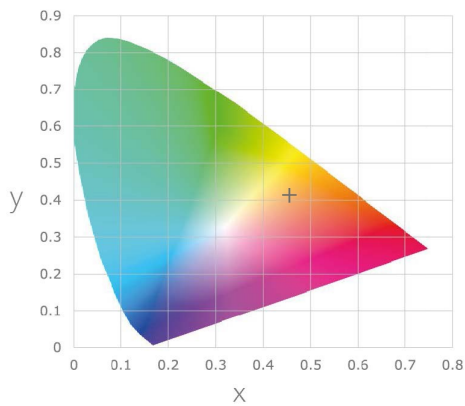
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2785K
Colour rendering index (CRI, Ra)	92.8
Chromaticity coordinates (CIE 1931 - x,y)	0.4524, 0.4076

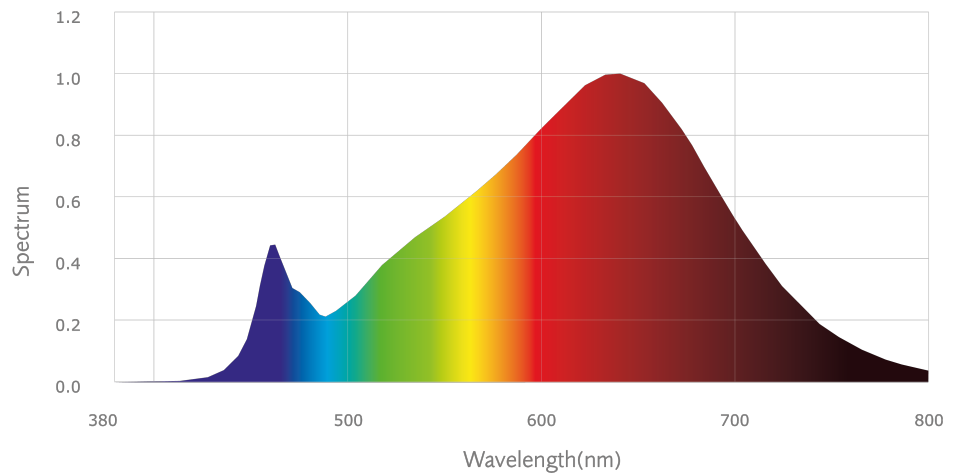
COLOUR RENDERING INDEX

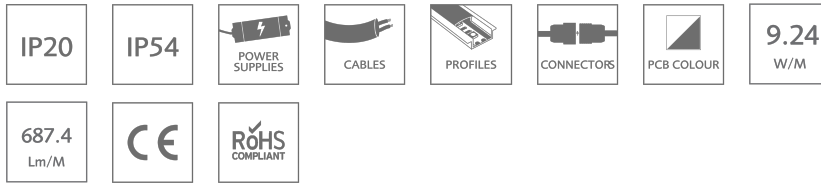
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93	97	99	92	92	96	91	82	61	92	92	81	94	99	89

CHROMATICITY DIAGRAM



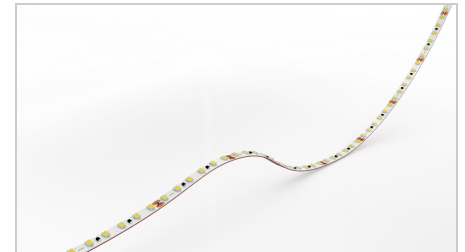
SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





■ PRODUCT SPECIFICATION

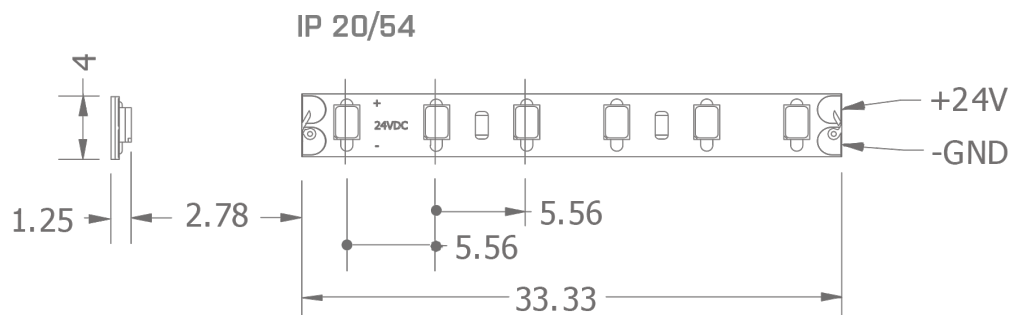
Dimension	L5000/W4mm
PCB increment	Power connection and cut point every 33.33mm
LED pitch	5.56mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	92.4
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



■ PERFORMANCE DATA (for 1000mm)

Power consumption	9.24W
Supply voltage	24V DC
Supply current	0.385A
Luminous flux	687.4Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	NANO FLEX 180
Stated output	687.4lm per metre
Description	Flexible LED Tape, 3000K, 24V, 9.24W/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 (WDC)	9.24
Input Current (mA DC)	385mA

■ LIGHT OUTPUT

Total light output (Lumens)	687.4
Luminaire efficacy (lm/W)	74.39
Beam angle	120°

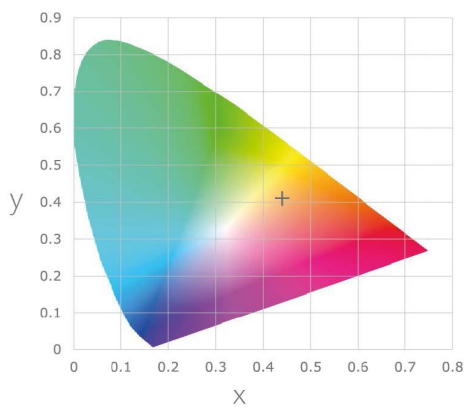
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2886K
Colour rendering index (CRI, Ra)	92.4
Chromaticity coordinates (CIE 1931 - x,y)	0.4444, 0.4050

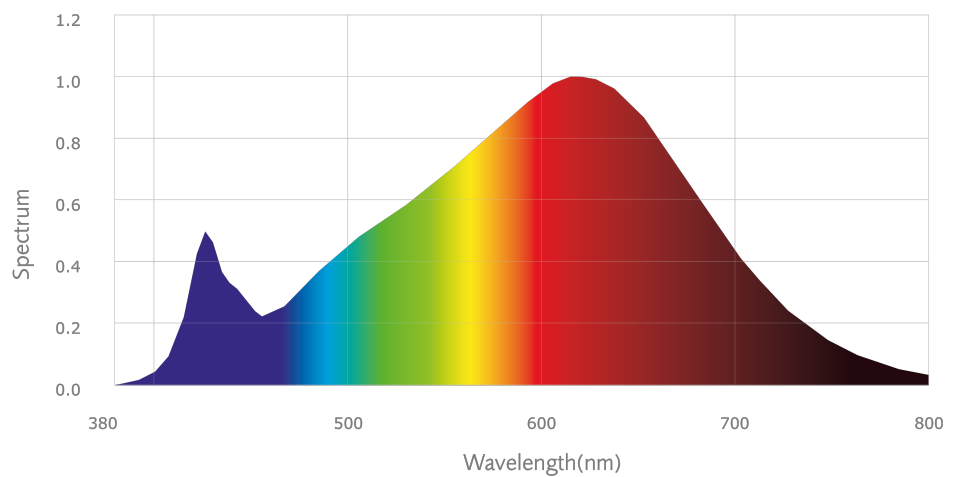
COLOUR RENDERING INDEX

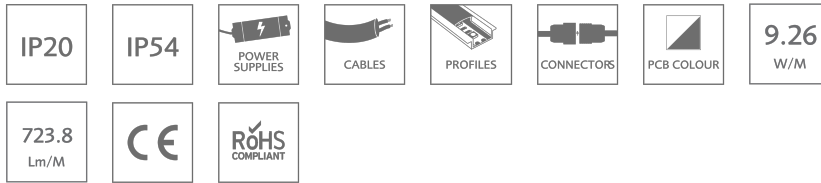
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92	97	99	91	92	95	91	81	60	91	91	80	94	99	89

CHROMATICITY DIAGRAM



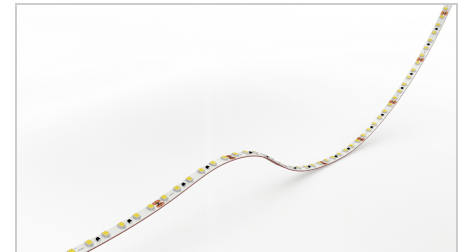
SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





■ PRODUCT SPECIFICATION

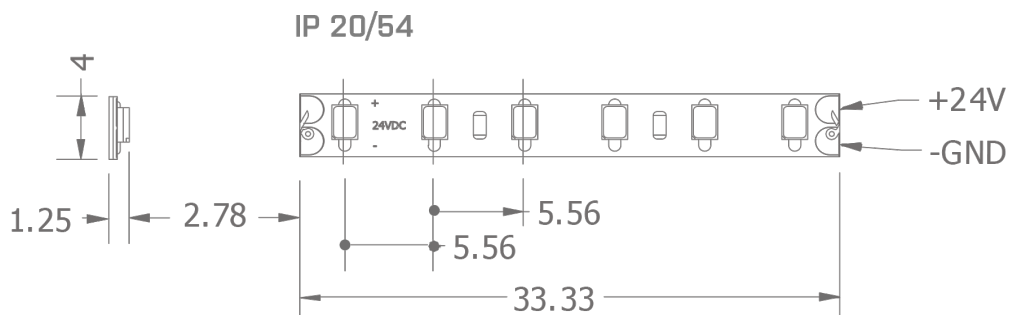
Dimension	L5000/W4mm
PCB increment	Power connection and cut point every 33.33mm
LED pitch	5.56mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	93.5
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



■ PERFORMANCE DATA (for 1000mm)

Power consumption	9.26W
Supply voltage	24V DC
Supply current	0.386A
Luminous flux	723.8Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	NANO FLEX 180
Stated output	723.8lm per metre
Description	Flexible LED Tape, 4000K, 24V, 9.26W/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 (WDC)	9.26
Input Current (mA DC)	386mA

■ LIGHT OUTPUT

Total light output (Lumens)	723.8
Luminaire efficacy (lm/W)	78.16
Beam angle	120°

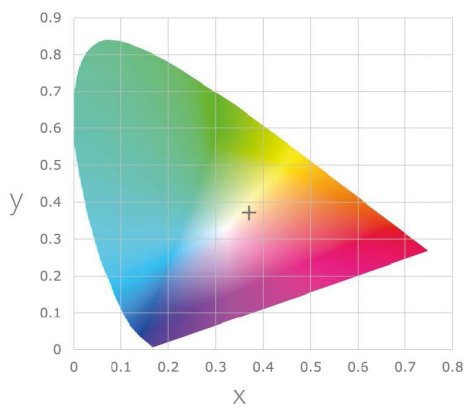
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4014K
Colour rendering index (CRI, Ra)	93.5
Chromaticity coordinates (CIE 1931 - x,y)	0.3794, 0.3749

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94	97	97	92	92	93	95	89	73	90	91	69	95	98	93

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

