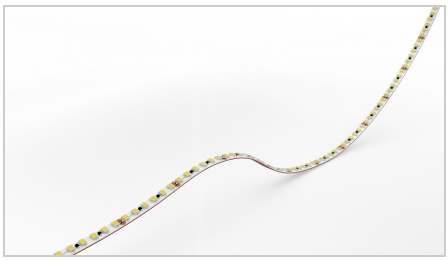
NANO FLEX - 264 2700K

SPECIFICATION SHEET

IP20 | IP54 | POWER SUPPLIES | CABLES | PROFILES | CONNECTORS | PCB COLOUR | 12.22 W/M | 899.2 Lm/M | CE | RoHS COMPLIANT

PRODUCT SPECIFICATION

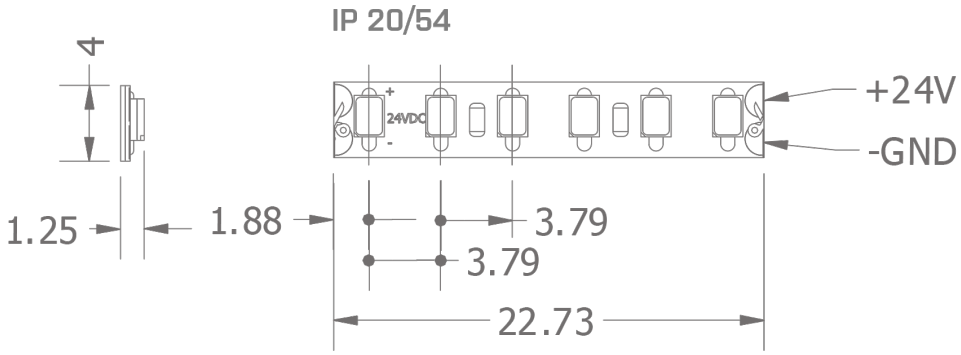
Dimension	L5000/W4mm
PCB increment	Power connection and cut point every 22.73mm
LED pitch	3.79mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	92.8
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	12.22W
Supply voltage	24V DC
Supply current	0.509A
Luminous flux	899.2Lm/M

TECHNICAL DRAWING



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NANO FLEX - 264 2700K

PHOTOMETRIC TEST REPORT

PRODUCT DETAILS

Product name	NANO FLEX 264
Stated output	899.2lm per metre
Description	Flexible LED Tape, 2700K, 24V, 12.22W/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)	12.22
Input Current (mA DC)	509mA

LIGHT OUTPUT

Total light output (Lumens)	899.2
Luminaire efficacy (lm/W)	73.58
Beam angle	120°

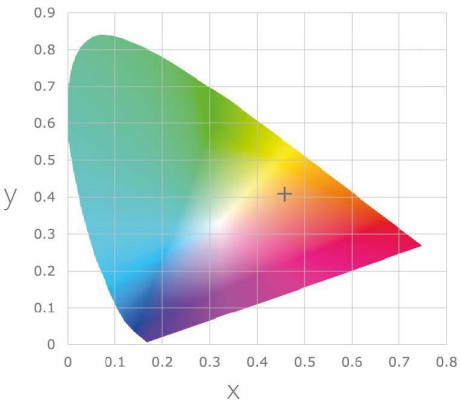
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2789K
Colour rendering index (CRI, Ra)	92.8
Chromaticity coordinates (CIE 1931 - x,y)	0.4517, 0.4069

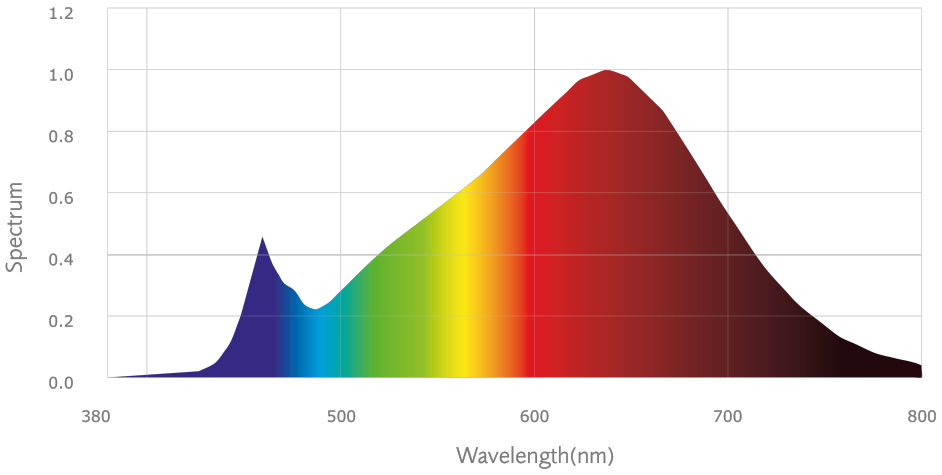
COLOUR RENDERING INDEX

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

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



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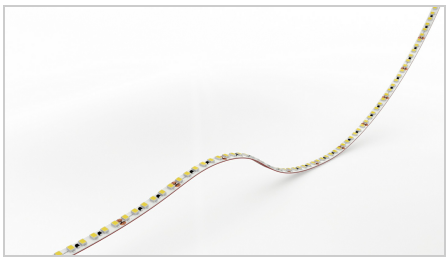
NANO FLEX - 264 3000K

IP20 | IP54 | POWER SUPPLIES | CABLES | PROFILES | CONNECTORS | PCB COLOUR | 12.2 W/M | 903.1 Lm/M | CE | RoHS COMPLIANT

PRODUCT SPECIFICATION

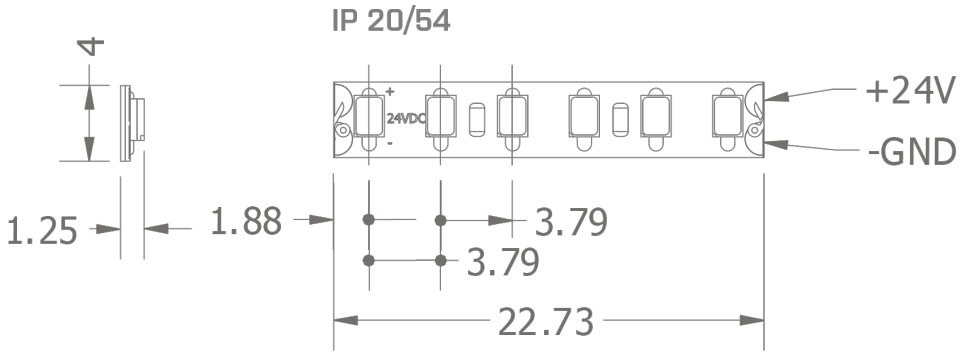
Dimension	L5000/W4mm
PCB increment	Power connection and cut point every 22.73mm
LED pitch	3.79mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	92.6
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	12.2W
Supply voltage	24V DC
Supply current	0.508A
Luminous flux	903.1Lm/M

TECHNICAL DRAWING



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NANO FLEX - 264 3000K

PHOTOMETRIC TEST REPORT

PRODUCT DETAILS

Product name	NANO FLEX 264
Stated output	903.1lm per metre
Description	Flexible LED Tape, 3000K, 24V, 12.2W/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)	12.2
Input Current (mA DC)	508mA

LIGHT OUTPUT

Total light output (Lumens)	903.1
Luminaire efficacy (lm/W)	74.02
Beam angle	120°

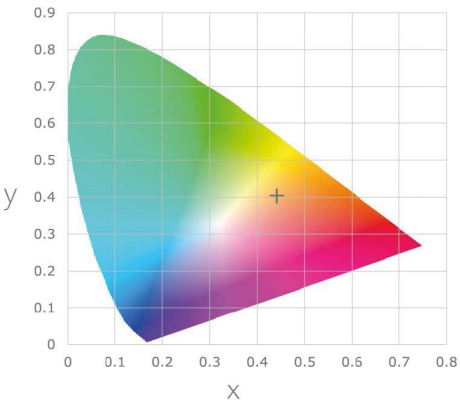
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2899K
Colour rendering index (CRI, Ra)	92.6
Chromaticity coordinates (CIE 1931 - x,y)	0.4428, 0.4035

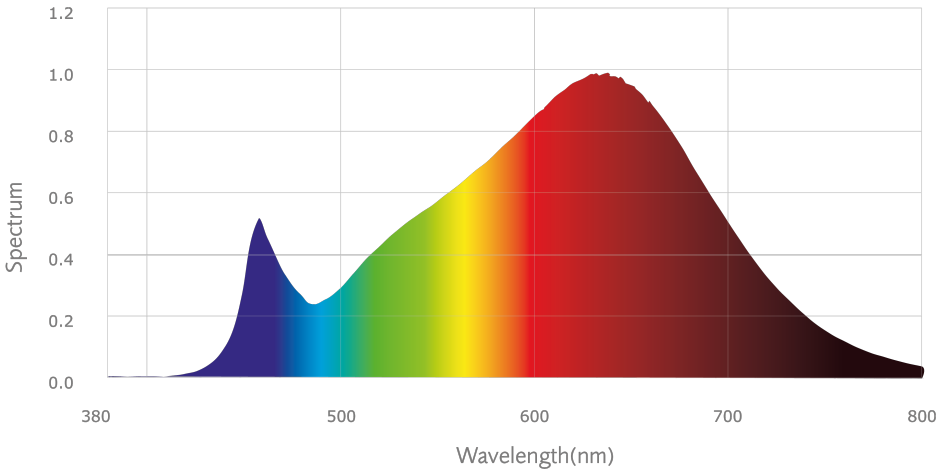
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93	97	98	91	92	96	91	82	61	92	92	80	94	99	89

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



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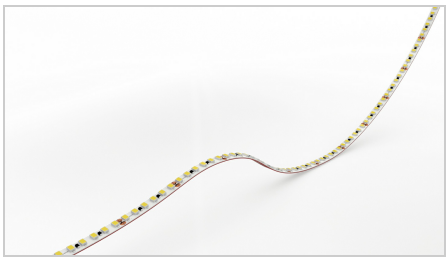
NANO FLEX - 264 4000K

IP20 | IP54 | POWER SUPPLIES | CABLES | PROFILES | CONNECTORS | PCB COLOUR | 12.02 W/M | 944.9 Lm/M | CE | RoHS COMPLIANT

PRODUCT SPECIFICATION

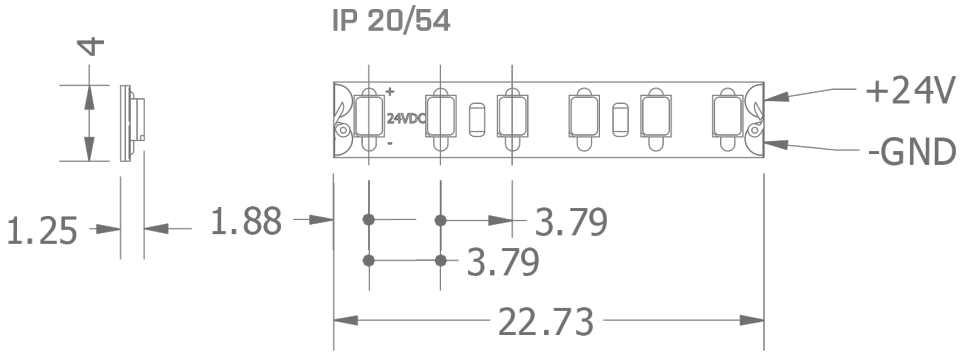
Dimension	L5000/W4mm
PCB increment	Power connection and cut point every 22.73mm
LED pitch	3.79mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	93.5
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	12.02W
Supply voltage	24V DC
Supply current	0.501A
Luminous flux	944.9Lm/M

TECHNICAL DRAWING



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NANO FLEX - 264 4000K

PHOTOMETRIC TEST REPORT

PRODUCT DETAILS

Product name	NANO FLEX 264
Stated output	944.9lm per metre
Description	Flexible LED Tape, 4000K, 24V, 12.02W/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)	12.02
Input Current (mA DC)	501mA

LIGHT OUTPUT

Total light output (Lumens)	944.9
Luminaire efficacy (lm/W)	78.61
Beam angle	120°

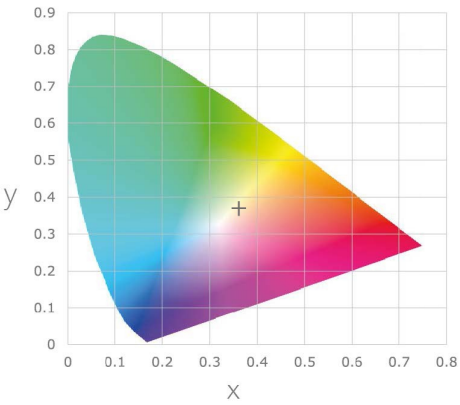
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4031K
Colour rendering index (CRI, Ra)	93.5
Chromaticity coordinates (CIE 1931 - x,y)	0.3786, 0.3741

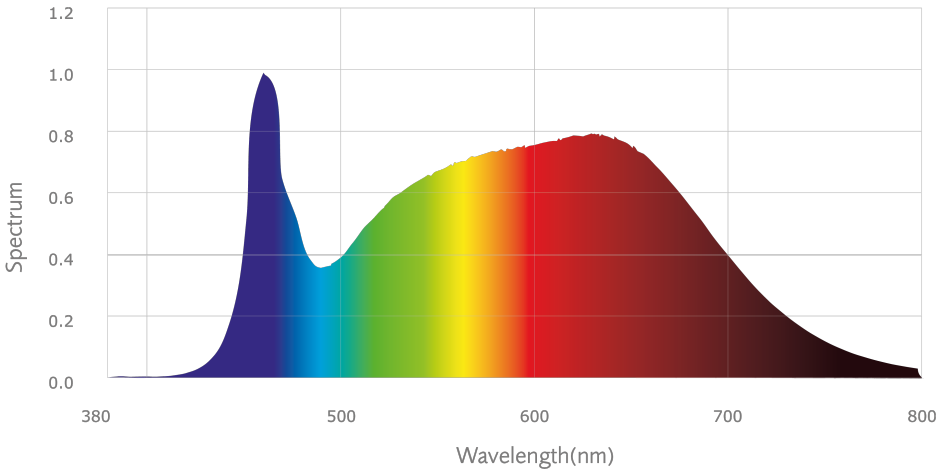
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94	97	97	92	92	93	94	88	73	91	91	69	95	98	93

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



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