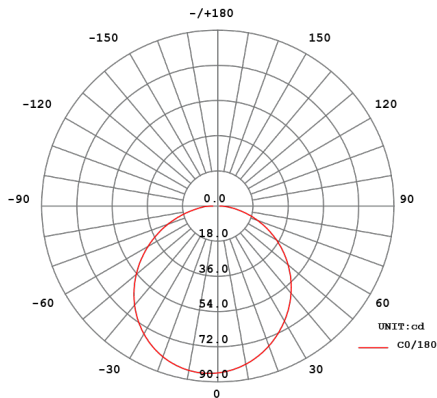


Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	81.5
Lifetime	50000hrs @45o°
Operating temp.	0 - 50° C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	50mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

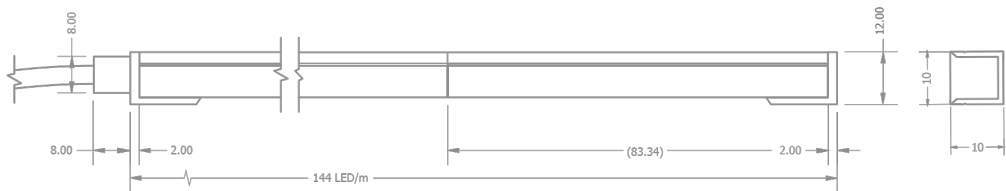
Power consumption	4.05W
Supply voltage	24V DC
Supply current	0.169A
Luminous flux	188.78Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MICRO NEON TOP VIEW
Stated output	188.78lm per metre
Description	Flexible LED Neon, 2500K, 24V, 4.05W/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)	4.05
Input Current (mA DC)	169mA

LIGHT OUTPUT

Total light output (Lumens)	188.78
Luminaire efficacy (lm/W)	46.61
Beam angle	160°

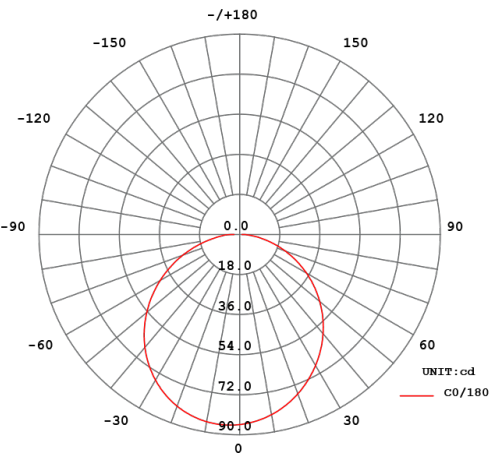
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2436K
Colour rendering index (CRI, Ra)	81.5
Chromaticity coordinates (CIE 1931 - x,y)	0.4849, 0.4177

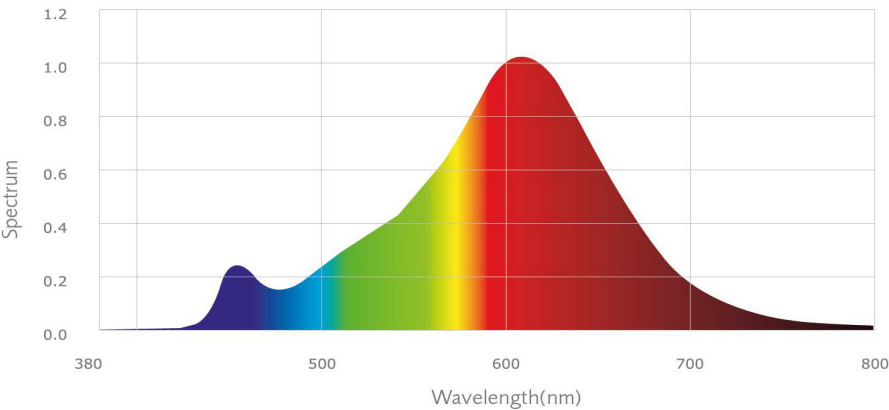
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
80	93	93	78	81	93	79	54	6	84	78	78	83	97	72

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM

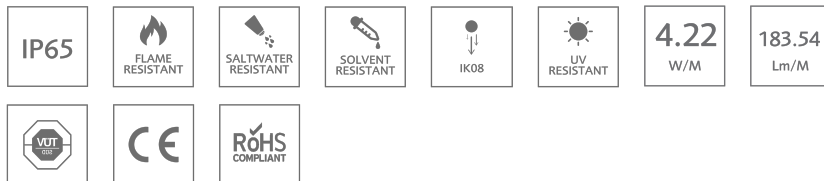


SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



MICRO NEON TOP - VIEW 2700K

SPECIFICATION SHEET



■ PRODUCT SPECIFICATION

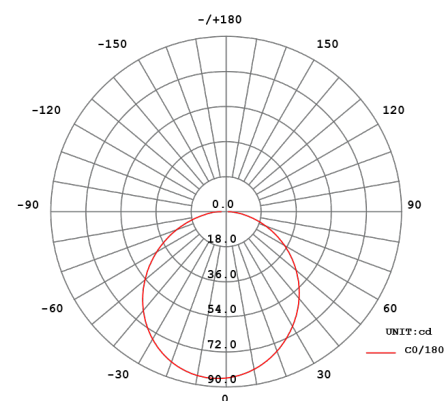
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	82.6
Lifetime	50000hrs @45o°
Operating temp.	0 - 50°C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	100mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

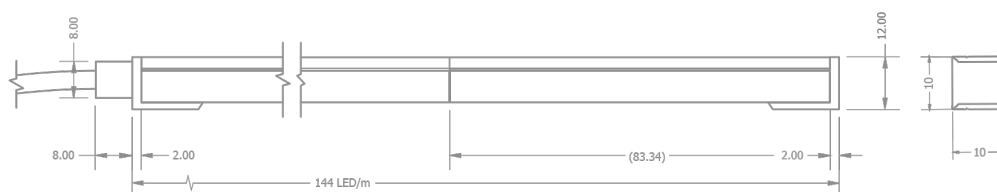
Power consumption	4.2W
Supply voltage	24V DC
Supply current	0.175A
Luminous flux	183.54Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



MICRO NEON TOP - VIEW 2700K

PHOTOMETRIC TEST REPORT

PRODUCT DETAILS

Product name	MICRO NEON TOP VIEW
Stated output	183.54lm per metre
Description	Flexible LED Neon, 2700K, 24V, 4.2W/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 (WDC)	4.2
Input Current (mA DC)	175mA

LIGHT OUTPUT

Total light output (Lumens)	183.54
Luminaire efficacy (lm/W)	43.7
Beam angle	160°

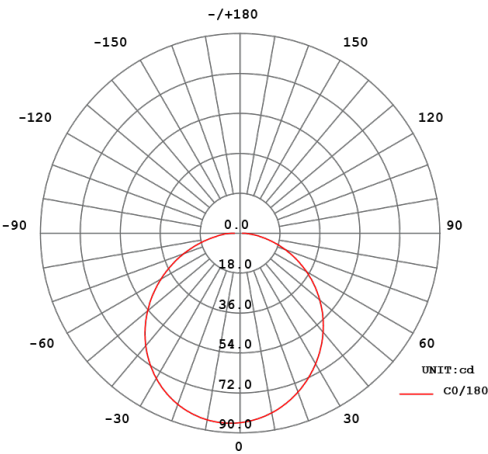
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2598K
Colour rendering index (CRI, Ra)	82.6
Chromaticity coordinates (CIE 1931 - x,y)	0.4179, 0.4182

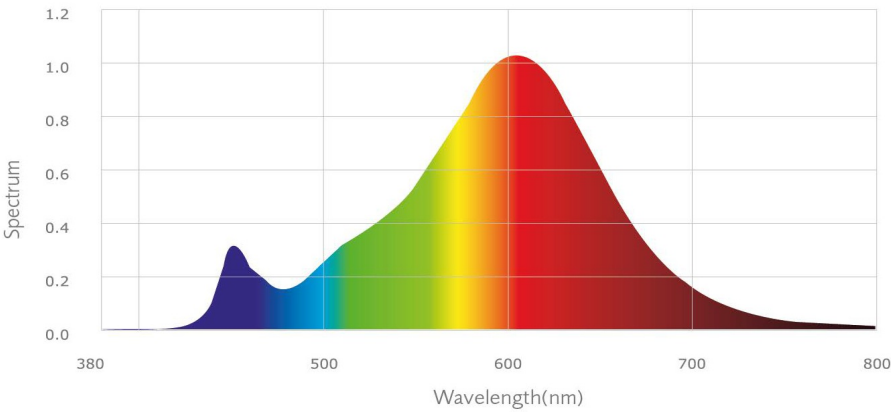
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
77	90	95	76	77	89	80	52	0	78	74	70	80	98	69

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



MICRO NEON TOP - VIEW 3000K

SPECIFICATION SHEET



■ PRODUCT SPECIFICATION

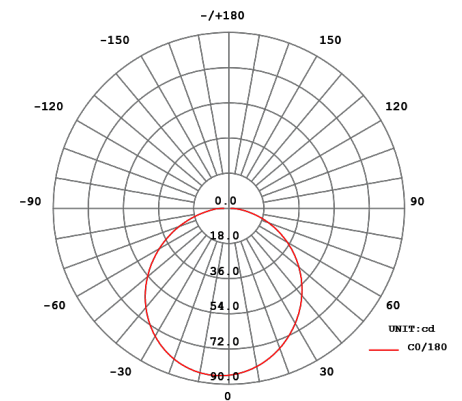
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	83.6
Lifetime	50000hrs @45o°
Operating temp.	0 - 50°C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	100mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

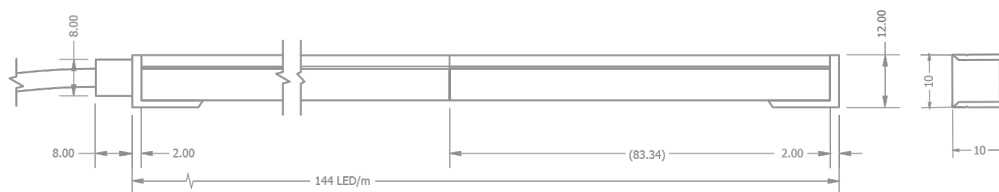
Power consumption	4W
Supply voltage	24V DC
Supply current	0.167A
Luminous flux	223.5Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MICRO NEON TOP VIEW
Stated output	223.5lm per metre
Description	Flexible LED Neon, 3000K, 24V, 4W/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)	4
Input Current (mA DC)	167mA

LIGHT OUTPUT

Total light output (Lumens)	223.5
Luminaire efficacy (lm/W)	55.88
Beam angle	160°

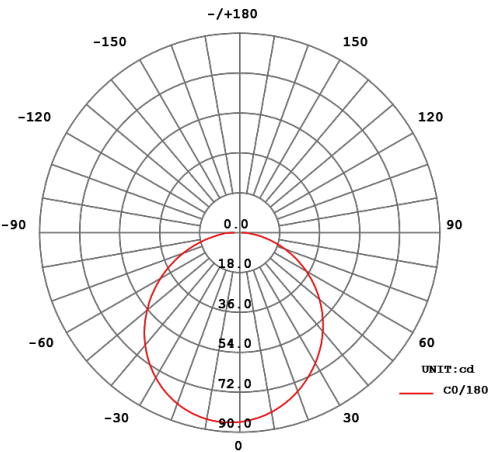
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3109K
Colour rendering index (CRI, Ra)	83.6
Chromaticity coordinates (CIE 1931 - x,y)	0.4307, 0.4042

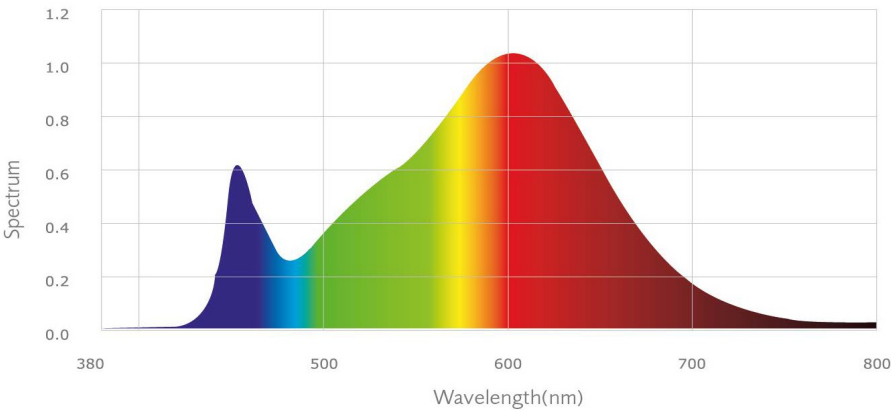
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
82	92	96	80	81	90	83	60	10	81	78	67	84	98	75

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM

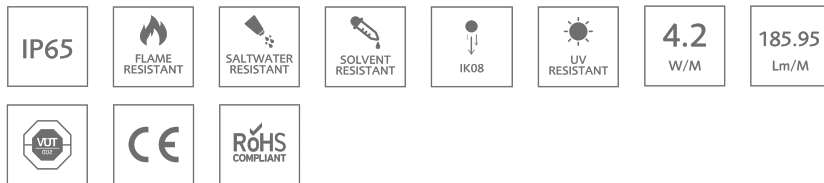


SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



MICRO NEON TOP - VIEW 3500K

SPECIFICATION SHEET



■ PRODUCT SPECIFICATION

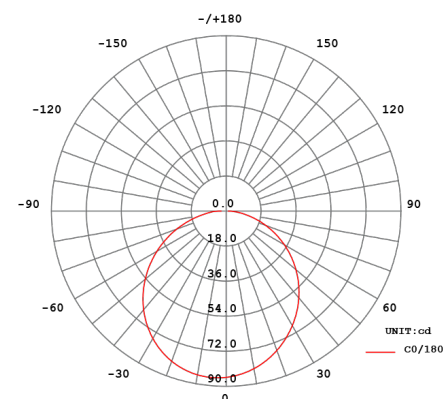
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	83.1
Lifetime	50000hrs @45o°
Operating temp.	0 - 50°C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	100mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

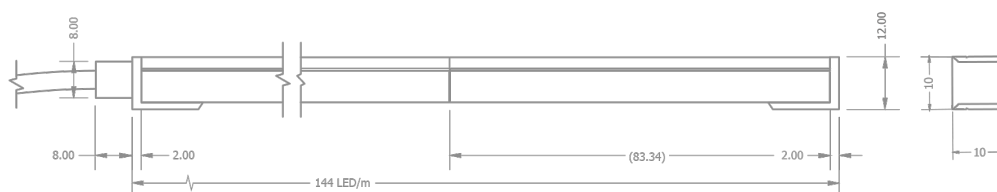
Power consumption	4.2W
Supply voltage	24V DC
Supply current	0.175A
Luminous flux	185.95Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MICRO NEON TOP VIEW
Stated output	185.95lm per metre
Description	Flexible LED Neon, 3500K, 24V, 4.2W/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 (WDC)	4.2
Input Current (mA DC)	175mA

LIGHT OUTPUT

Total light output (Lumens)	185.95
Luminaire efficacy (lm/W)	44.27
Beam angle	160°

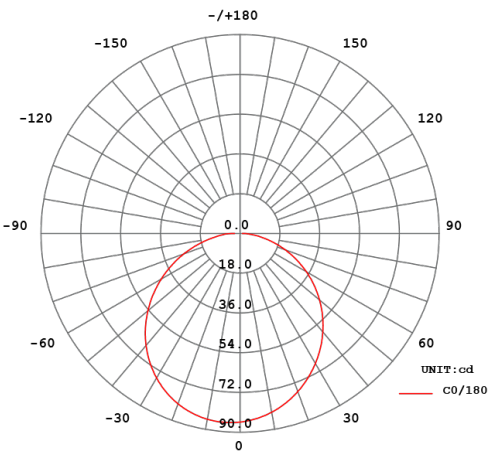
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3324K
Colour rendering index (CRI, Ra)	83.1
Chromaticity coordinates (CIE 1931 - x,y)	0.4171, 0.3992

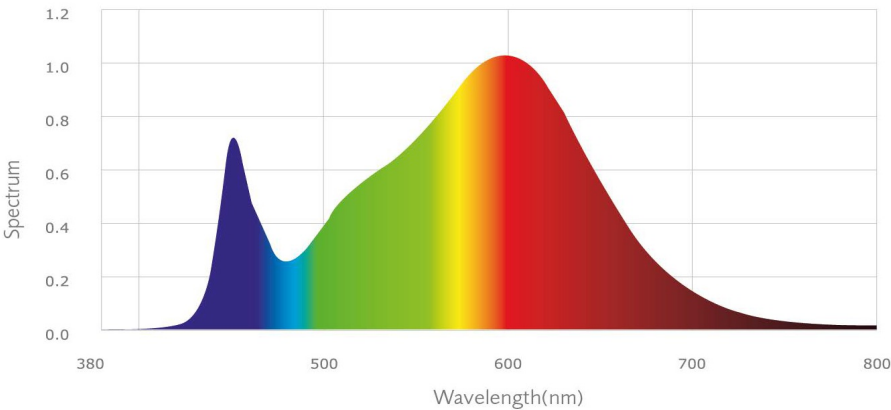
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
80	90	96	79	80	87	83	59	4	77	77	63	82	99	73

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM

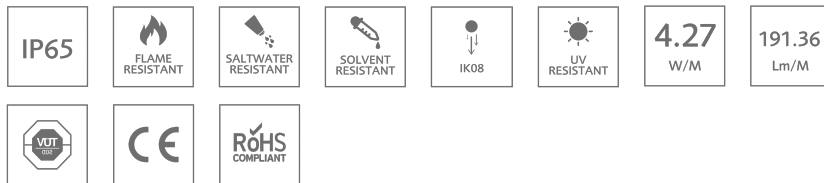


SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



MICRO NEON TOP - VIEW 4000K

SPECIFICATION SHEET



■ PRODUCT SPECIFICATION

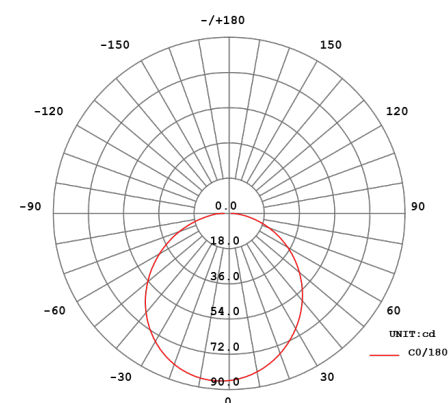
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	81.8
Lifetime	50000hrs @45o°
Operating temp.	0 - 50°C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	100mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

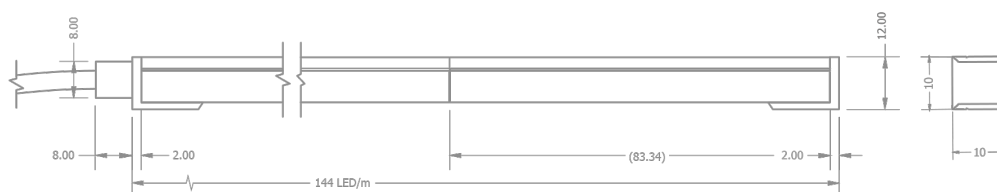
Power consumption	4.27W
Supply voltage	24V DC
Supply current	0.178A
Luminous flux	191.36Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



MICRO NEON TOP - VIEW 4000K

PHOTOMETRIC TEST REPORT

PRODUCT DETAILS

Product name	MICRO NEON TOP VIEW
Stated output	191.36lm per metre
Description	Flexible LED Neon, 4000K, 24V, 4.27W/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)	4.27
Input Current (mA DC)	178mA

LIGHT OUTPUT

Total light output (Lumens)	191.36
Luminaire efficacy (lm/W)	44.81
Beam angle	160°

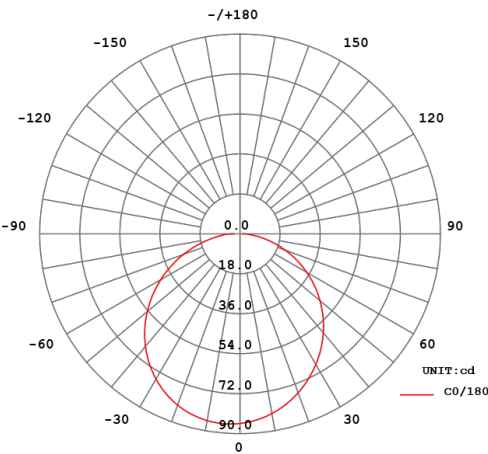
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4060K
Colour rendering index (CRI, Ra)	81.8
Chromaticity coordinates (CIE 1931 - x,y)	0.3812, 0.3881

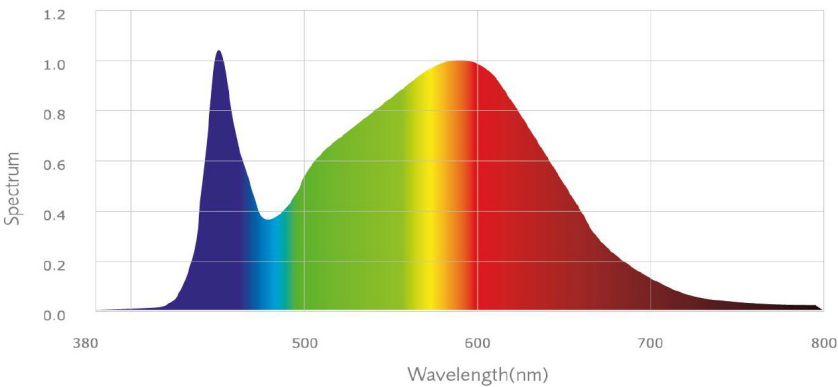
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
79	89	96	79	79	85	86	62	3	74	77	56	82	98	73

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



MICRO NEON TOP - VIEW 5000K

SPECIFICATION SHEET



■ PRODUCT SPECIFICATION

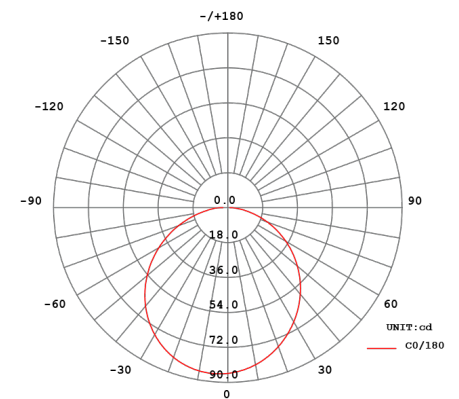
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	82.4
Lifetime	50000hrs @45o°
Operating temp.	0 - 50°C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	100mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

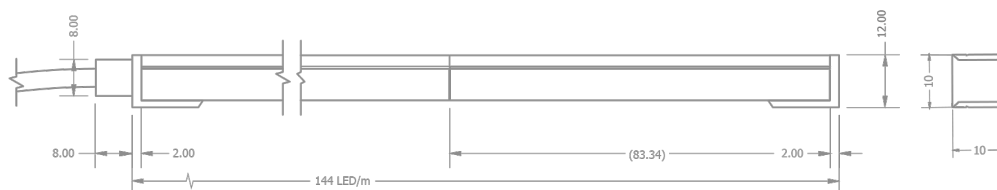
Power consumption	4.22W
Supply voltage	24V DC
Supply current	0.176A
Luminous flux	176.67Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MICRO NEON TOP VIEW
Stated output	176.67lm per metre
Description	Flexible LED Neon, 5000K, 24V, 4.22W/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 (WDC)	4.22
Input Current (mA DC)	176mA

LIGHT OUTPUT

Total light output (Lumens)	176.67
Luminaire efficacy (lm/W)	41.86
Beam angle	160°

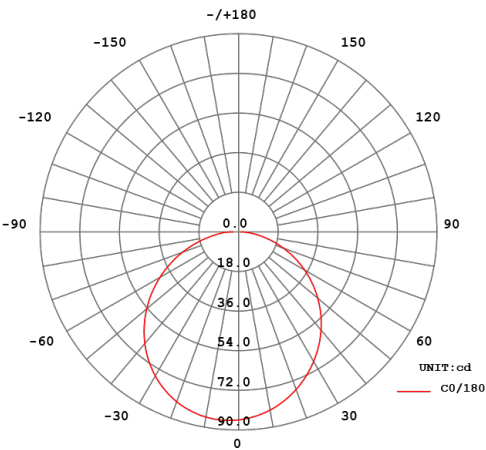
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	5021K
Colour rendering index (CRI, Ra)	82.4
Chromaticity coordinates (CIE 1931 - x,y)	0.3462, 0.3710

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
79	89	95	79	80	85	87	65	3	75	77	58	82	98	73

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

