

PRODUCT DETAILS

Product name	ULTIMO NEON TV RGBW
Stated output	78.37lm per metre
Description	Flexible LED Neon, RED, 24V, 3.55W/m
Quantity/length of product tested	1 x 1000mm
Bin tolerance/#. MacAdams ellipse of chip	-

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (W DC)	3.55
Input Current (mA DC)	148mA

LIGHT OUTPUT

Total light output (Lumens)	78.37
Luminaire efficacy (lm/W)	22.08
Beam angle	160°

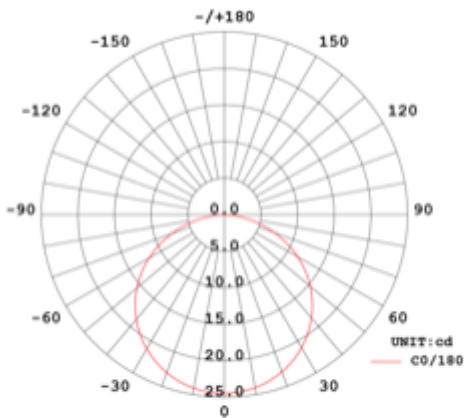
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	1001K
Colour rendering index (CRI, Ra)	13.4
Chromaticity coordinates (CIE 1931 - x,y)	0.6912, 0.3084

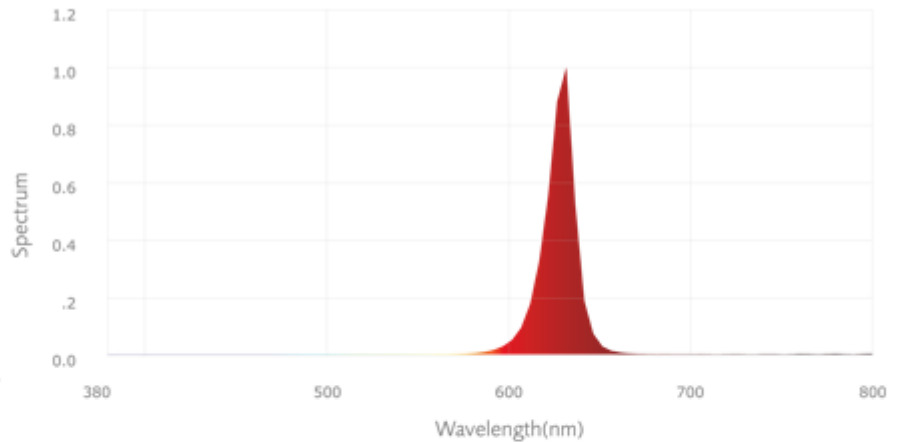
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
7	78	29	0	0	90	4	0	0	71	0	79	30	59	0

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



PRODUCT DETAILS

Product name	ULTIMO NEON TV RGBW
Stated output	256.11lm per metre
Description	Flexible LED Neon, GREEN, 24V, 3.67W/m
Quantity/length of product tested	1 x 1000mm
Bin tolerance/#. MacAdams ellipse of chip	-

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (W DC)	3.67
Input Current (mA DC)	153mA

LIGHT OUTPUT

Total light output (Lumens)	256.11
Luminaire efficacy (lm/W)	69.78
Beam angle	160°

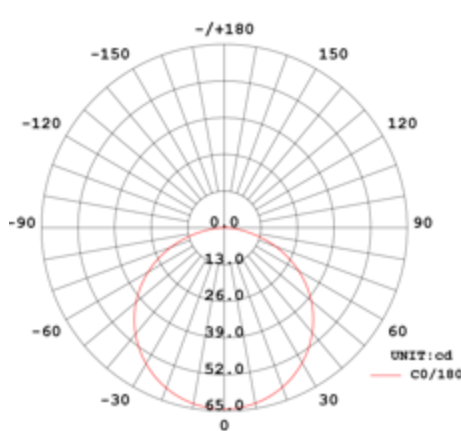
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	7746K
Colour rendering index (CRI, Ra)	0.0
Chromaticity coordinates (CIE 1931 - x,y)	0.1727, 0.7317

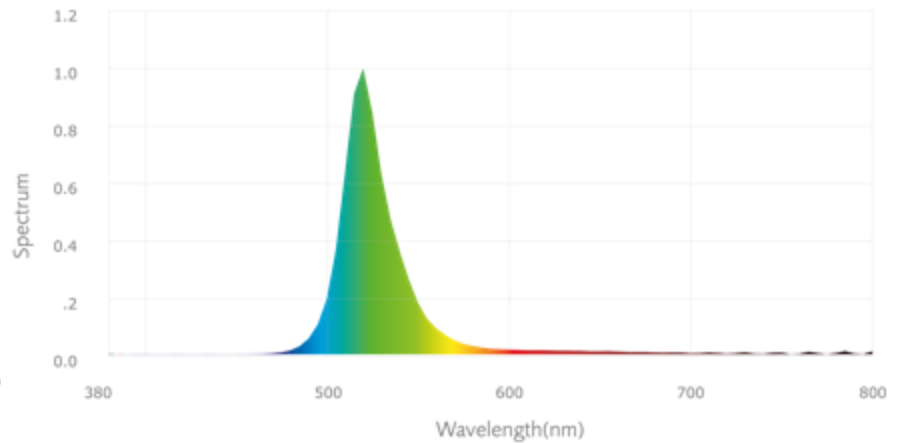
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0	0	0	0	0	0	0	0	0	0	0	0	0	33	0

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



PRODUCT DETAILS

Product name	ULTIMO NEON TV RGBW
Stated output	47.26lm per metre
Description	Flexible LED Neon, BLUE, 24V, 3.72W/m
Quantity/length of product tested	1 x 1000mm
Bin tolerance/#. MacAdams ellipse of chip	-

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (W DC)	3.72
Input Current (mA DC)	155mA

LIGHT OUTPUT

Total light output (Lumens)	47.26
Luminaire efficacy (lm/W)	12.7
Beam angle	160°

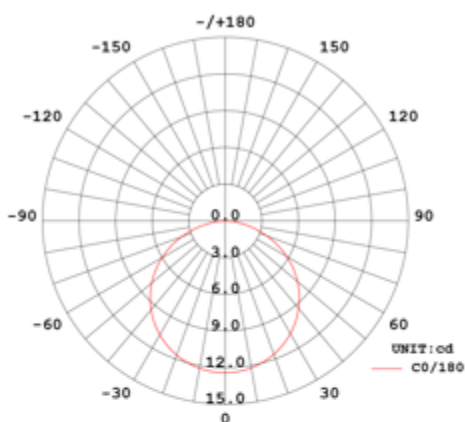
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	100000K
Colour rendering index (CRI, Ra)	0.0
Chromaticity coordinates (CIE 1931 - x,y)	0.1470, 0.0786

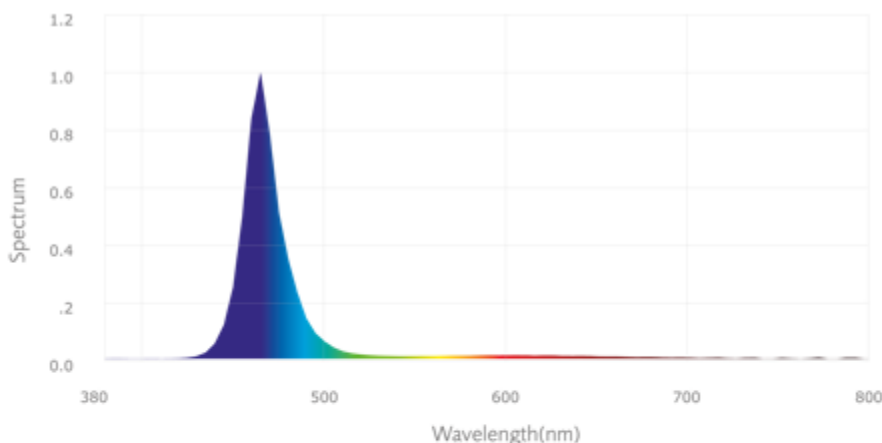
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
59	0	0	0	62	0	0	0	0	0	0	0	26	0	47

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



PRODUCT DETAILS

Product name	ULTIMO NEON TV RGBW
Stated output	200.6lm per metre
Description	Flexible LED Neon, WHITE, 24V, 3.55W/m
Quantity/length of product tested	1 x 1000mm
Bin tolerance/#. MacAdams ellipse of chip	-

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (W DC)	3.55
Input Current (mA DC)	148mA

LIGHT OUTPUT

Total light output (Lumens)	200.6
Luminaire efficacy (lm/W)	56.51
Beam angle	160°

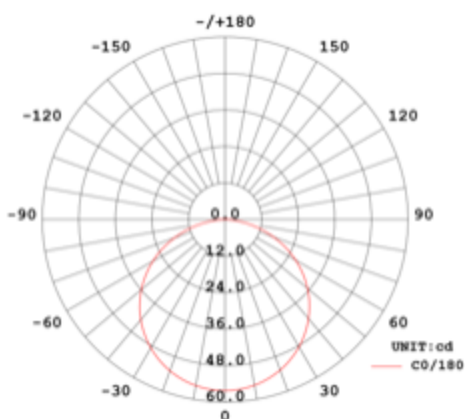
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2673K
Colour rendering index (CRI, Ra)	71.0
Chromaticity coordinates (CIE 1931 - x,y)	0.4666, 0.4192

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
67	82	95	63	64	73	79	45	0	58	54	43	69	97	61

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

