DOMED NEON - RED

PHOTOMETRIC TEST REPORT

PRODUCT DETAILS

Product name	DOMED NEON RGB
Stated output	73.46lm per metre
Description	Flexible LED Neon, RED, 24V, 4.04W/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)	4.04
Input Current (mA DC)	168mA

LIGHT OUTPUT

Total light output (Lumens)	73.46
Luminaire efficacy (lm/W)	18.18
Beam angle	320°

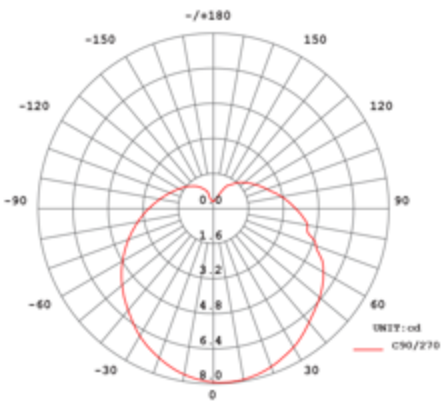
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	1001K
Colour rendering index (CRI, Ra)	13.0
Chromaticity coordinates (CIE 1931 - x,y)	0.6950, 0.3047

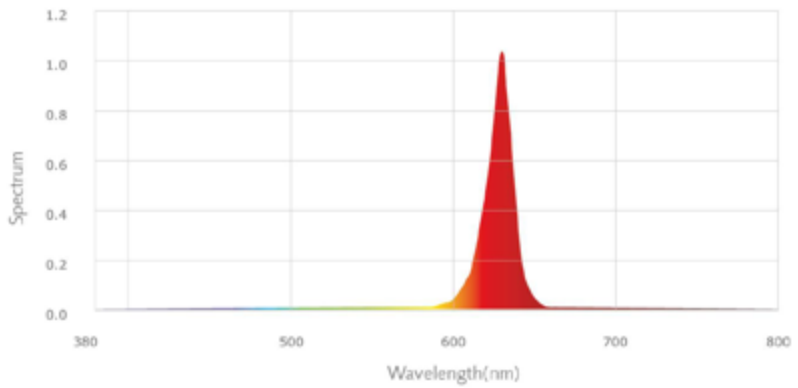
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
6	78	29	0	0	90	4	0	0	0	71	0	79	59	0

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



+44 (0) 203 137 7305
info@led-flex.co.uk
www.led-flex.co.uk

DOMED NEON - GREEN

PRODUCT DETAILS

Product name	DOMED NEON RGB
Stated output	127.66lm per metre
Description	Flexible LED Neon, GREEN, 24V, 3.7W/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)	3.7
Input Current (mA DC)	154mA

LIGHT OUTPUT

Total light output (Lumens)	127.66
Luminaire efficacy (lm/W)	34.5
Beam angle	320°

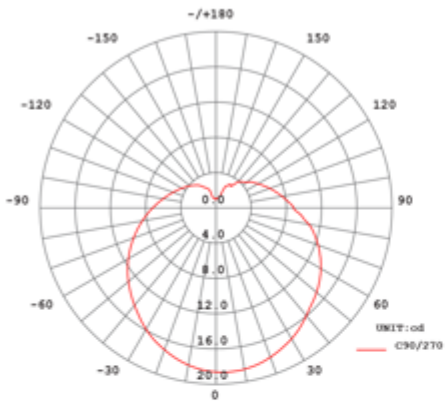
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	8093K
Colour rendering index (CRI, Ra)	3.4
Chromaticity coordinates (CIE 1931 - x,y)	0.3088, 0.2782

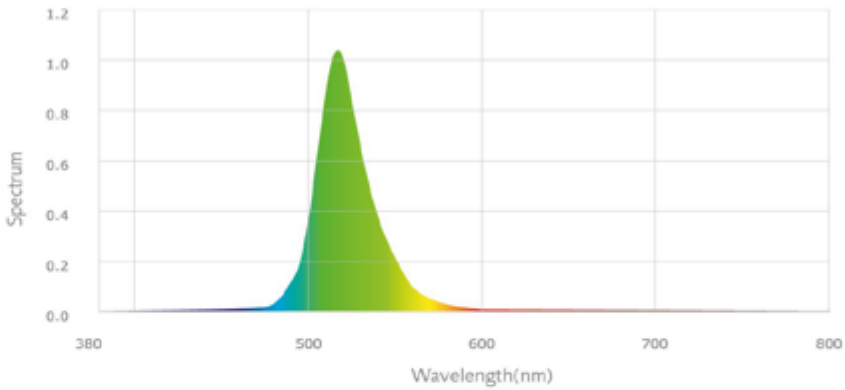
COLOUR RENDERING INDEX

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	35	0

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



+44 (0) 203 137 7
info@led-flex.co

DOMED NEON - BLUE

PHOTOMETRIC TEST REPORT

PRODUCT DETAILS

Product name	DOMED NEON RGB
Stated output	20.36lm per metre
Description	Flexible LED Neon, BLUE, 24V, 3.6W/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)	3.6
Input Current (mA DC)	150mA

LIGHT OUTPUT

Total light output (Lumens)	20.36
Luminaire efficacy (lm/W)	5.66
Beam angle	320°

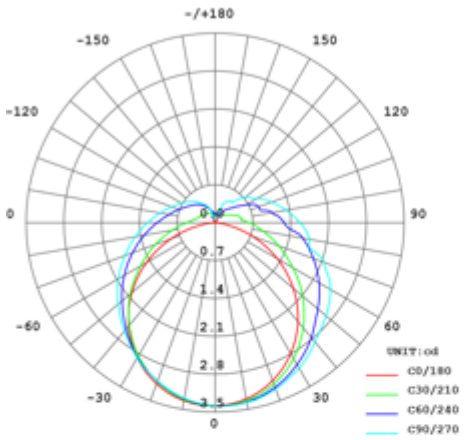
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	100000K
Colour rendering index (CRI, Ra)	3.4
Chromaticity coordinates (CIE 1931 - x,y)	0.3088, 0.2782

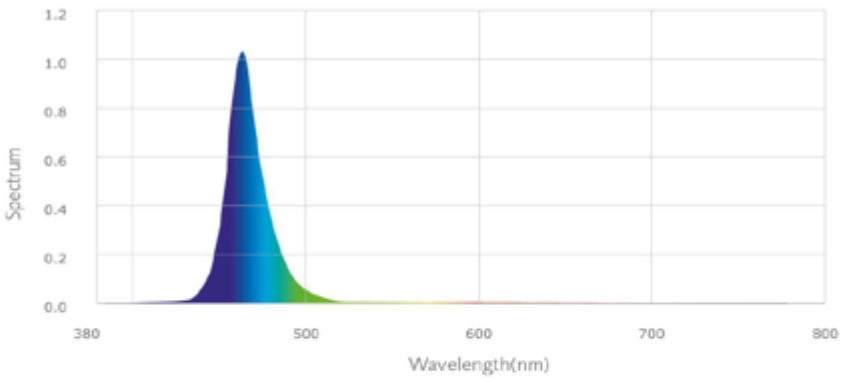
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



+44 (0) 203 137 7305
info@led-flex.co.uk
www.led-flex.co.uk