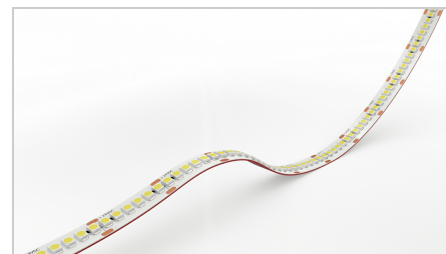


IP20	IP54	POWER SUPPLIES	CABLES	PROFILES	CONNECTORS	PCB COLOUR	21.13 W/m
1408.0 Lm/m	CE	RoHS COMPLIANT					

■ PRODUCT SPECIFICATION

Dimension	L5000/W10mm
PCB increment	Power connection and cut point every 25mm
LED pitch	4.17mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	92.2
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

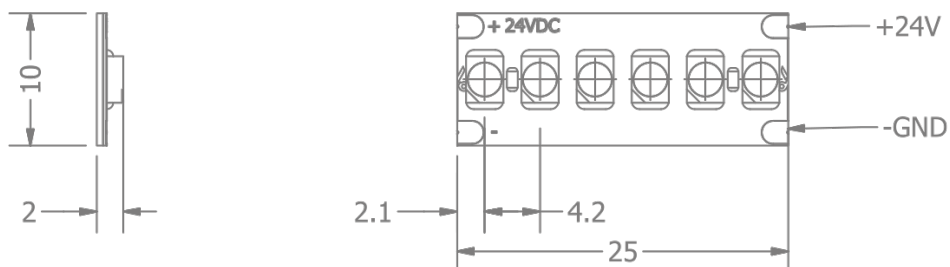


■ PERFORMANCE DATA (for 1000mm)

Power consumption	21.13W
Supply voltage	24V DC
Supply current	0.88A
Luminous flux	1408Lm/M

TECHNICAL DRAWING

IP 20/54



■ PRODUCT DETAILS

Product name	ECO FLEX 240
Stated output	1408lm per metre
Description	Flexible LED Tape, 2700K, 24V, 21.13W/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)	21.13
Input Current (mA DC)	880mA

■ LIGHT OUTPUT

Total light output (Lumens)	1408
Luminaire efficacy (lm/W)	66.64
Beam angle	120°

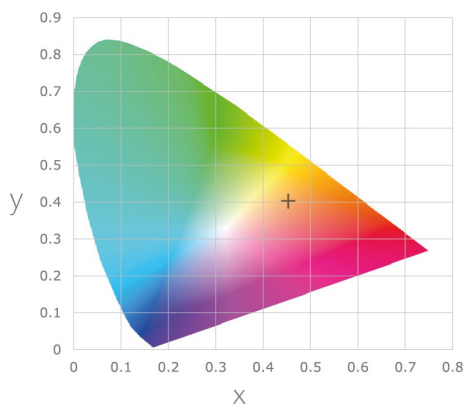
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2733K
Colour rendering index (CRI, Ra)	92.2
Chromaticity coordinates (CIE 1931 - x,y)	0.4556, 0.4071

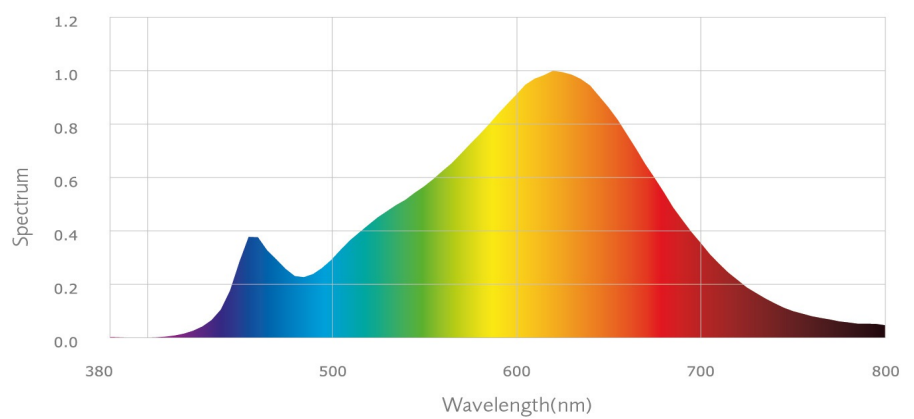
COLOUR RENDERING INDEX

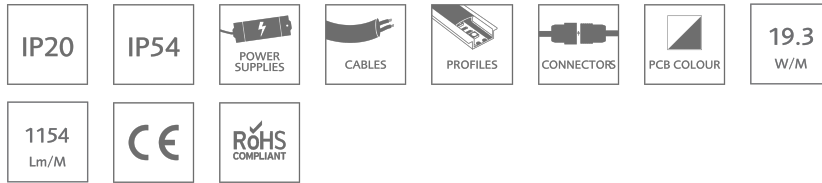
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93	98	98	91	93	97	90	80	57	93	92	83	94	100	88

CHROMATICITY DIAGRAM



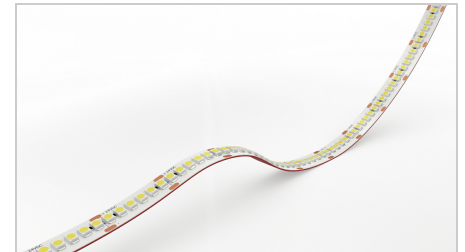
SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





■ PRODUCT SPECIFICATION

Dimension	L5000/W10mm
PCB increment	Power connection and cut point every 25mm
LED pitch	4.17mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	94.5
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

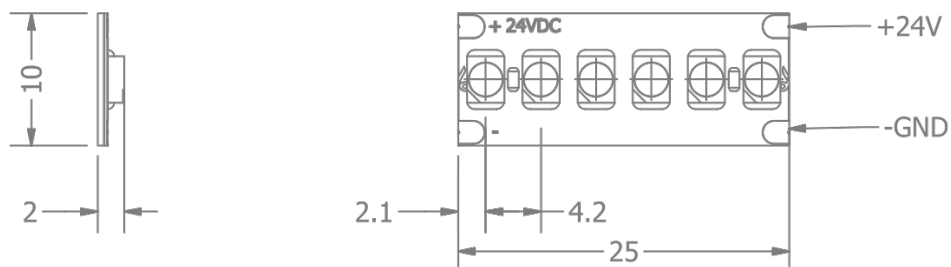


■ PERFORMANCE DATA (for 1000mm)

Power consumption	19.3W
Supply voltage	24V DC
Supply current	0.804A
Luminous flux	1154Lm/M

TECHNICAL DRAWING

IP 20/54



■ PRODUCT DETAILS

Product name	ECO FLEX 240
Stated output	1154lm per metre
Description	Flexible LED Tape, 2400K, 24V, 19.3W/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)	19.3
Input Current (mA DC)	804mA

■ LIGHT OUTPUT

Total light output (Lumens)	1154
Luminaire efficacy (lm/W)	59.79
Beam angle	120°

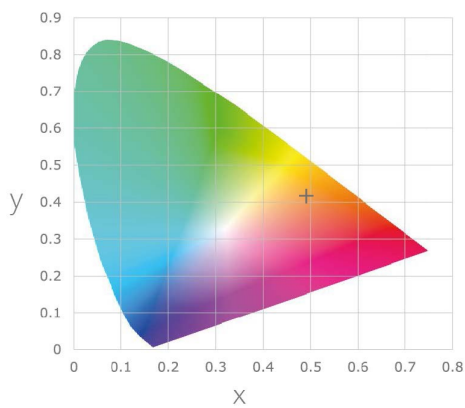
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2334K
Colour rendering index (CRI, Ra)	94.5
Chromaticity coordinates (CIE 1931 - x,y)	0.4925, 0.4152

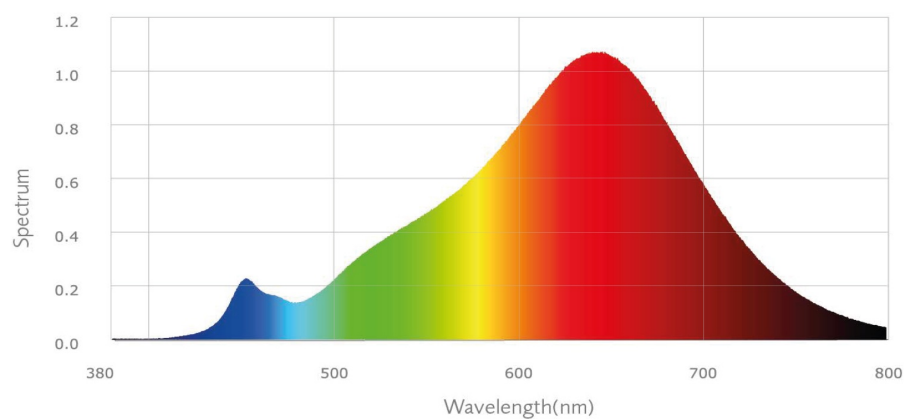
COLOUR RENDERING INDEX

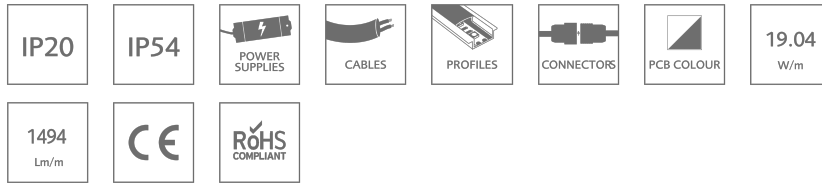
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95	98	99	95	95	98	92	84	67	94	97	89	96	98	91

CHROMATICITY DIAGRAM



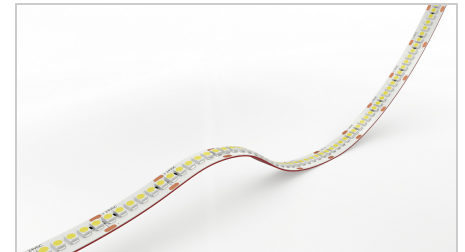
SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





■ PRODUCT SPECIFICATION

Dimension	L5000/W10mm
PCB increment	Power connection and cut point every 25mm
LED pitch	4.17mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	93.3
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

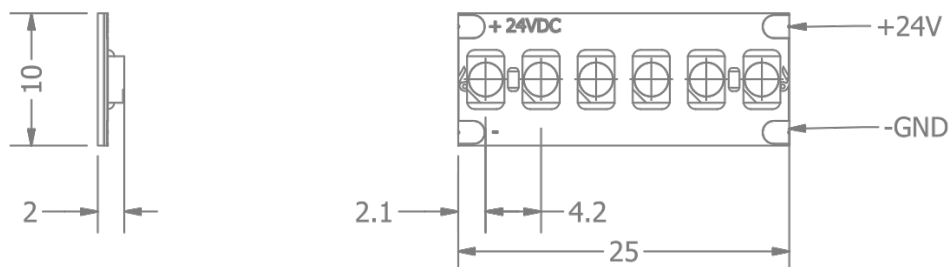


■ PERFORMANCE DATA (for 1000mm)

Power consumption	19.04W
Supply voltage	24V DC
Supply current	0.793A
Luminous flux	1494Lm/M

TECHNICAL DRAWING

IP 20/54



PRODUCT DETAILS

Product name	ECO FLEX 240
Stated output	1494lm per metre
Description	Flexible LED Tape, 3000K, 24V, 19.04W/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)	19.04
Input Current (mA DC)	793mA

LIGHT OUTPUT

Total light output (Lumens)	1494
Luminaire efficacy (lm/W)	78.47
Beam angle	120°

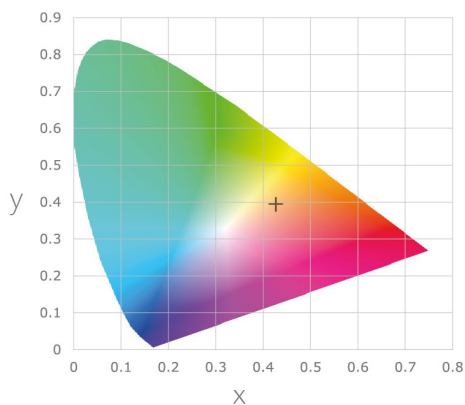
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3091K
Colour rendering index (CRI, Ra)	93.3
Chromaticity coordinates (CIE 1931 - x,y)	0.4282, 0.3965

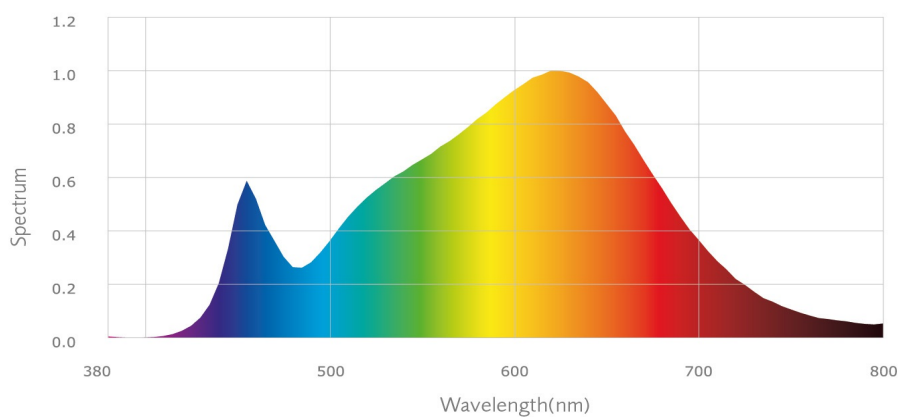
COLOUR RENDERING INDEX

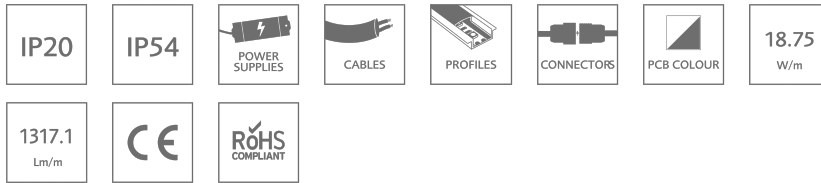
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94	97	98	93	93	95	93	85	66	91	93	79	95	98	91

CHROMATICITY DIAGRAM



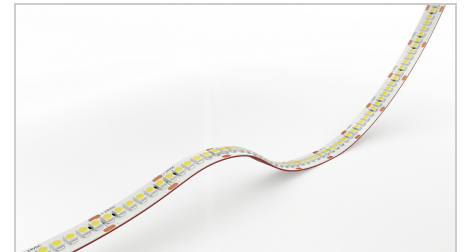
SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





■ PRODUCT SPECIFICATION

Dimension	L5000/W10mm
PCB increment	Power connection and cut point every 25mm
LED pitch	4.17mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	95.8
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

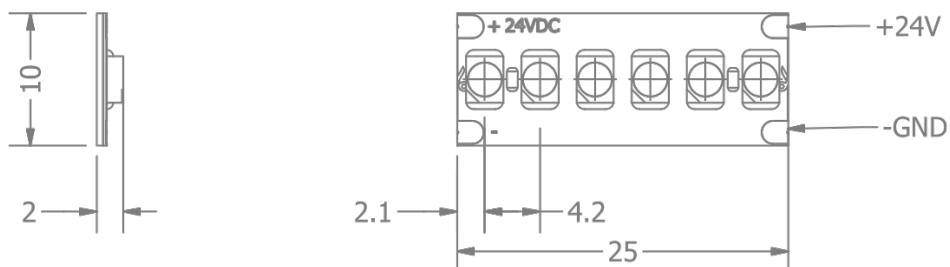


■ PERFORMANCE DATA (for 1000mm)

Power consumption	18.75W
Supply voltage	24V DC
Supply current	0.781A
Luminous flux	1317.1Lm/M

TECHNICAL DRAWING

IP 20/54



■ PRODUCT DETAILS

Product name	ECO FLEX 240
Stated output	1317.1lm per metre
Description	Flexible LED Tape, 4000K, 24V, 18.75W/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)	18.75
Input Current (mA DC)	781mA

■ LIGHT OUTPUT

Total light output (Lumens)	1317.1
Luminaire efficacy (lm/W)	70.25
Beam angle	120°

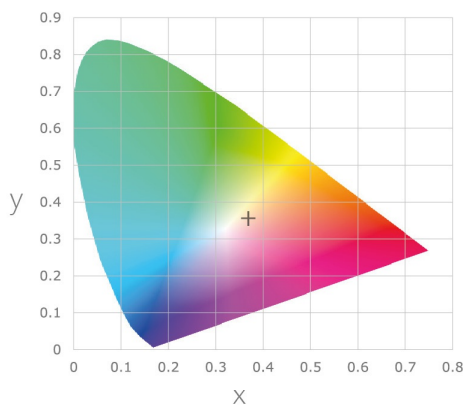
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4109K
Colour rendering index (CRI, Ra)	95.8
Chromaticity coordinates (CIE 1931 - x,y)	0.3740, 0.3668

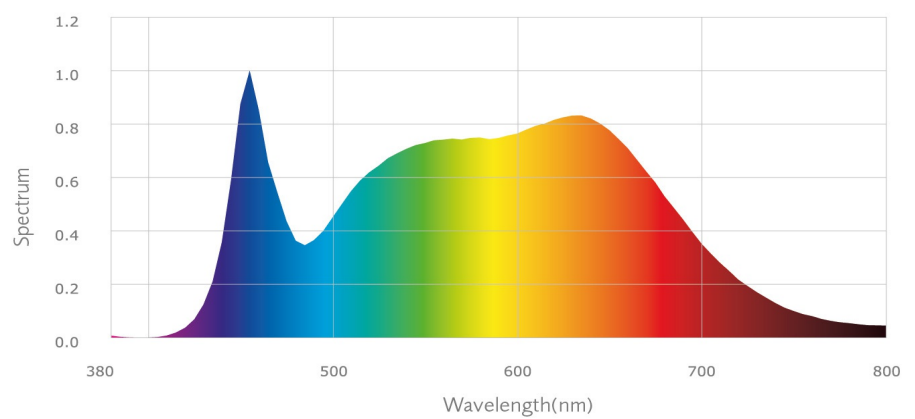
COLOUR RENDERING INDEX

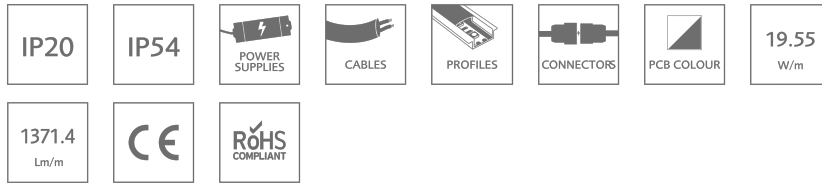
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97	97	94	95	95	93	98	96	91	91	94	71	98	96	97

CHROMATICITY DIAGRAM



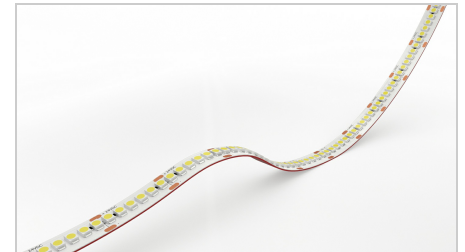
SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





■ PRODUCT SPECIFICATION

Dimension	L5000/W10mm
PCB increment	Power connection and cut point every 25mm
LED pitch	4.17mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	94.8
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

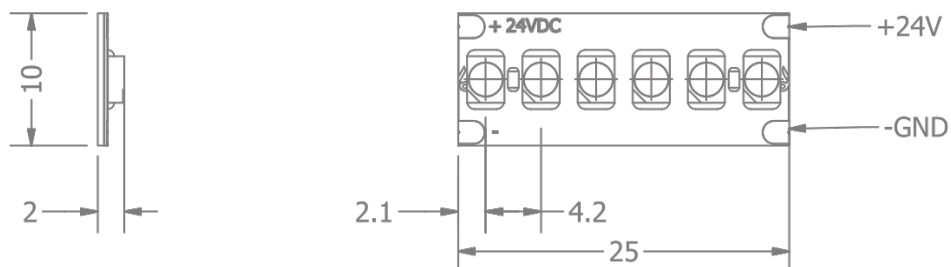


■ PERFORMANCE DATA (for 1000mm)

Power consumption	19.55W
Supply voltage	24V DC
Supply current	0.815A
Luminous flux	1371.4Lm/M

TECHNICAL DRAWING

IP 20/54



■ PRODUCT DETAILS

Product name	ECO FLEX 240
Stated output	1371.4lm per metre
Description	Flexible LED Tape, 6000K, 24V, 19.55W/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)	19.55
Input Current (mA DC)	815mA

■ LIGHT OUTPUT

Total light output (Lumens)	1371.4
Luminaire efficacy (lm/W)	70.15
Beam angle	120°

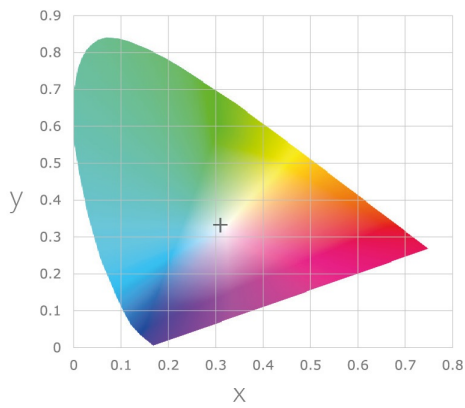
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	6331K
Colour rendering index (CRI, Ra)	94.8
Chromaticity coordinates (CIE 1931 - x,y)	0.3157, 0.3314

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96	98	96	92	93	93	95	94	90	93	93	67	97	98	94

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

