

■ PRODUCT SPECIFICATION

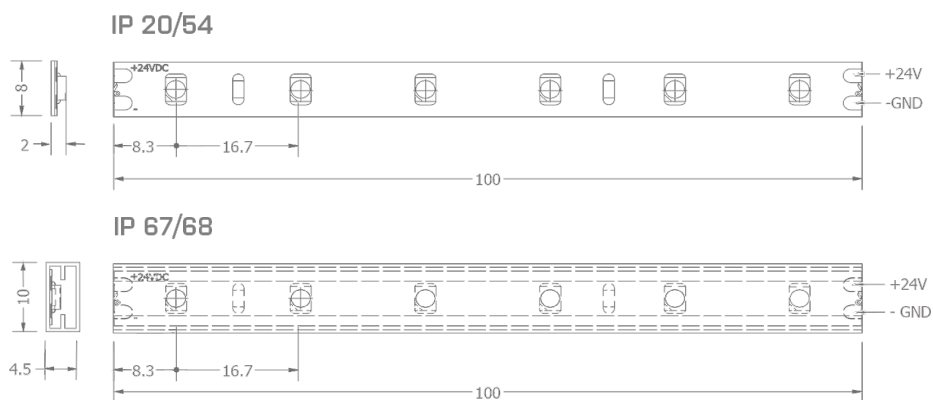
Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 100mm
LED pitch	16.77mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	94.6
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



■ PERFORMANCE DATA (for 1000mm)

Power consumption	4.91W
Supply voltage	24V DC
Supply current	0.205A
Luminous flux	302.3Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ECO FLEX 60
Stated output	302.3lm per metre
Description	Flexible LED Tape, 2400K, 24V, 4.91W/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)	4.91
Input Current (mA DC)	205mA

LIGHT OUTPUT

Total light output (Lumens)	302.3
Luminaire efficacy (lm/W)	61.57
Beam angle	120°

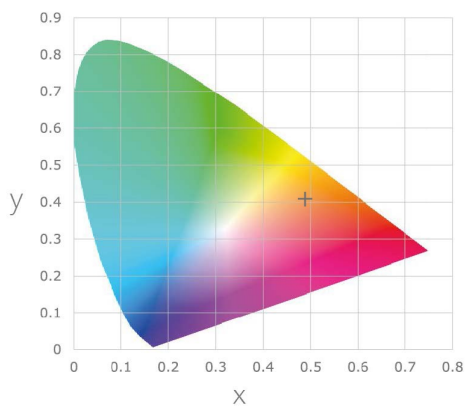
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2350K
Colour rendering index (CRI, Ra)	94.6
Chromaticity coordinates (CIE 1931 - x,y)	0.4917, 0.4163

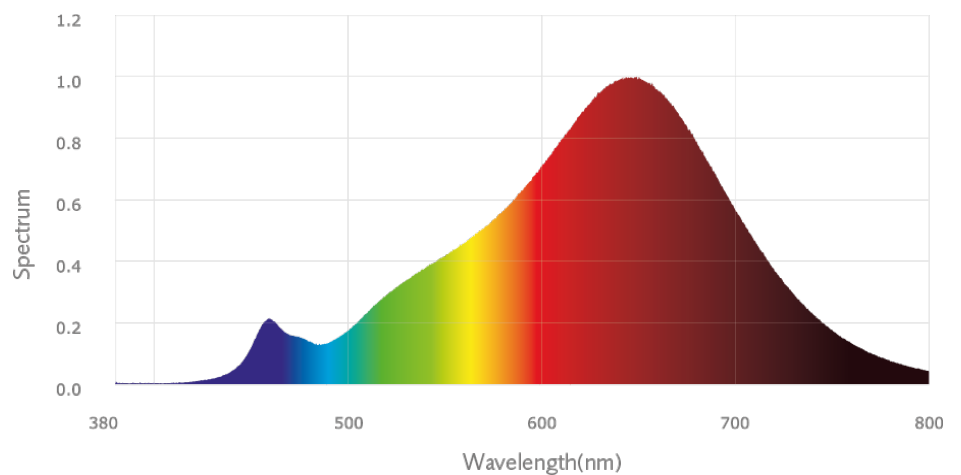
COLOUR RENDERING INDEX

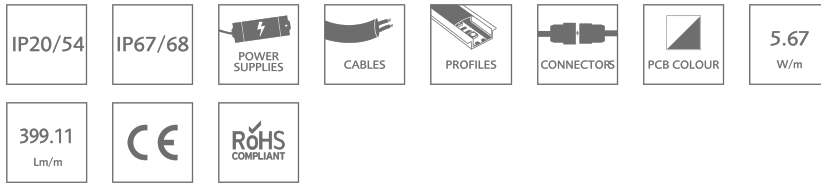
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95	98	99	95	95	98	93	84	68	94	97	88	96	99	91

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





■ PRODUCT SPECIFICATION

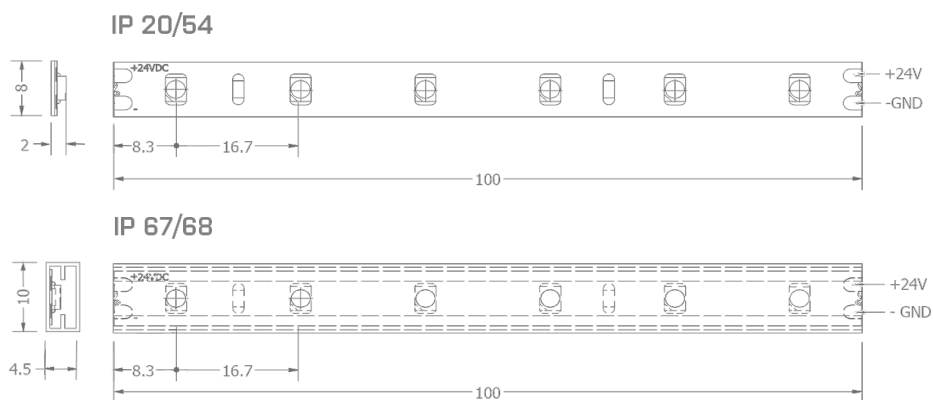
Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 100mm
LED pitch	16.77mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	92.5
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



■ PERFORMANCE DATA (for 1000mm)

Power consumption	5.67W
Supply voltage	24V DC
Supply current	0.236A
Luminous flux	399.11Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	ECO FLEX 60
Stated output	399.11lm per metre
Description	Flexible LED Tape, 2700K, 24V, 5.67W/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)	5.67
Input Current (mA DC)	236mA

■ LIGHT OUTPUT

Total light output (Lumens)	399.11
Luminaire efficacy (lm/W)	70.39
Beam angle	120°

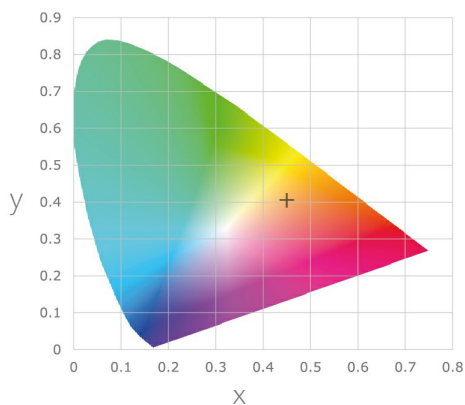
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2768K
Colour rendering index (CRI, Ra)	92.5
Chromaticity coordinates (CIE 1931 - x,y)	0.4543, 0.4092

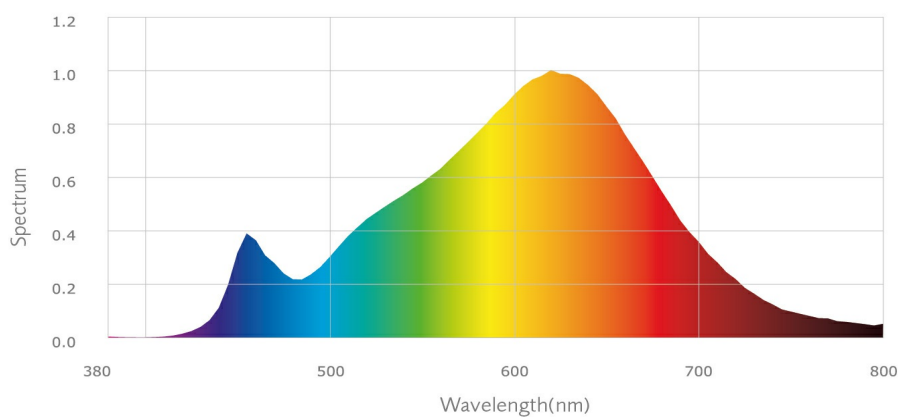
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93	97	99	91	92	96	91	81	58	92	92	81	94	99	88

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



IP20/54	IP67/68	POWER SUPPLIES	CABLES	PROFILES	CONNECTORS	PCB COLOUR	4.97 W/m
357.84 Lm/m	CE	ROHS COMPLIANT					

PRODUCT SPECIFICATION

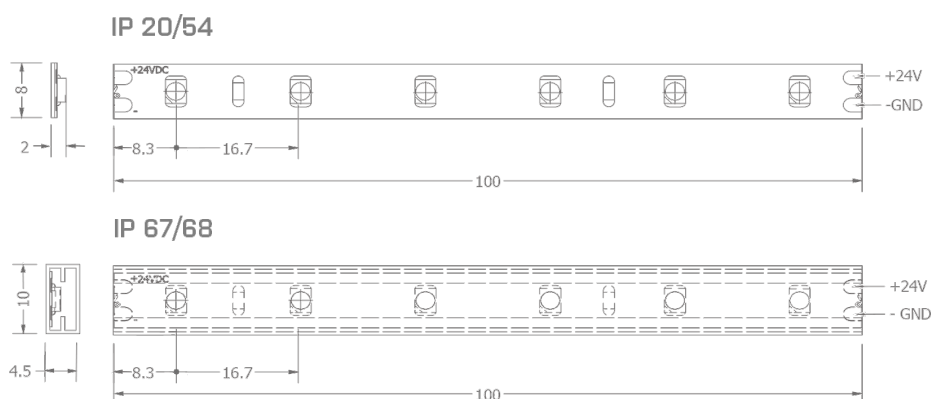
Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 100mm
LED pitch	16.77mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	92.4
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	4.97W
Supply voltage	24V DC
Supply current	0.207A
Luminous flux	357.84Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	ECO FLEX 60
Stated output	357.84lm per metre
Description	Flexible LED Tape, 3000K, 24V, 4.97W/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)	4.97
Input Current (mA DC)	207mA

■ LIGHT OUTPUT

Total light output (Lumens)	357.84
Luminaire efficacy (lm/W)	72
Beam angle	120°

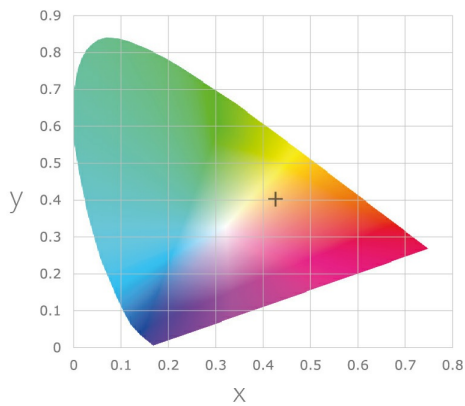
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3097K
Colour rendering index (CRI, Ra)	92.4
Chromaticity coordinates (CIE 1931 - x,y)	0.4307, 0.4027

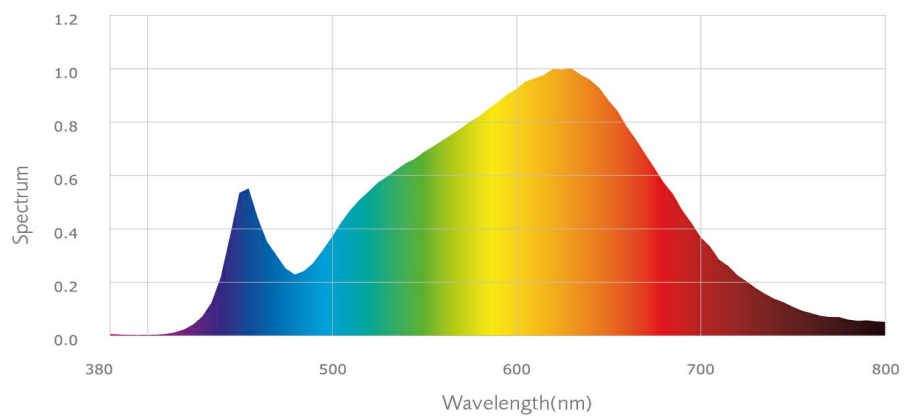
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93	95	96	93	92	93	94	85	64	87	92	76	93	97	90

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



IP20/54	IP67/68	POWER SUPPLIES	CABLES	PROFILES	CONNECTORS	PCB COLOUR	5.15 W/m
367.80 Lm/m	CE	ROHS COMPLIANT					

PRODUCT SPECIFICATION

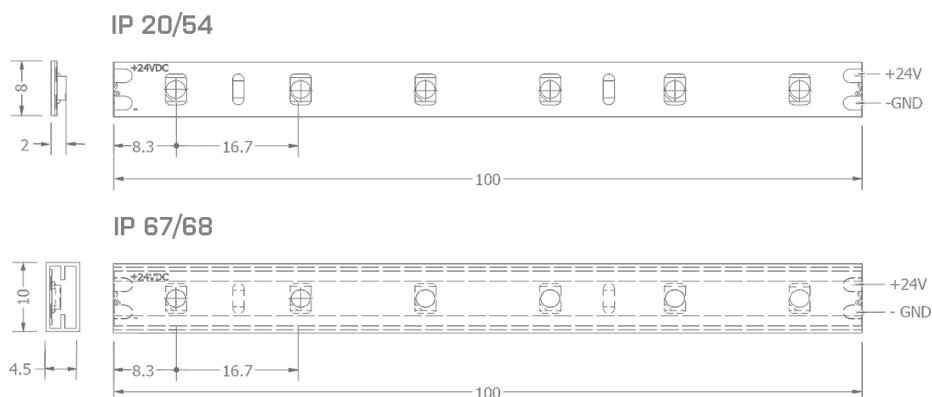
Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 100mm
LED pitch	16.77mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	94.2
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	5.15W
Supply voltage	24V DC
Supply current	0.215A
Luminous flux	367.8Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ECO FLEX 60
Stated output	367.8lm per metre
Description	Flexible LED Tape, 4000K, 24V, 5.15W/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)	5.15
Input Current (mA DC)	215mA

LIGHT OUTPUT

Total light output (Lumens)	367.8
Luminaire efficacy (lm/W)	71.42
Beam angle	120°

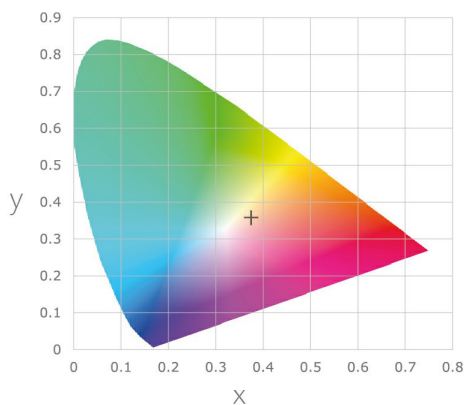
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4125K
Colour rendering index (CRI, Ra)	94.2
Chromaticity coordinates (CIE 1931 - x,y)	0.3739, 0.3685

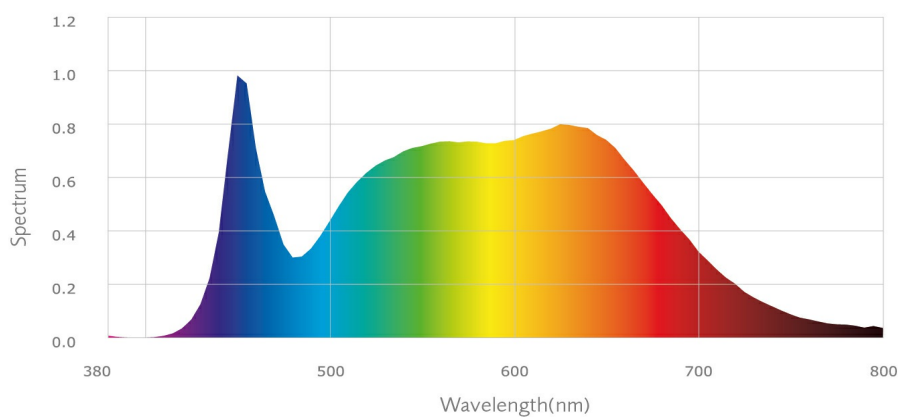
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95	95	92	94	94	91	97	95	85	86	93	69	95	95	96

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



IP20/54	IP67/68	POWER SUPPLIES	CABLES	PROFILES	CONNECTORS	PCB COLOUR	5.26 W/m
379.98 Lm/m	CE	ROHS COMPLIANT					

PRODUCT SPECIFICATION

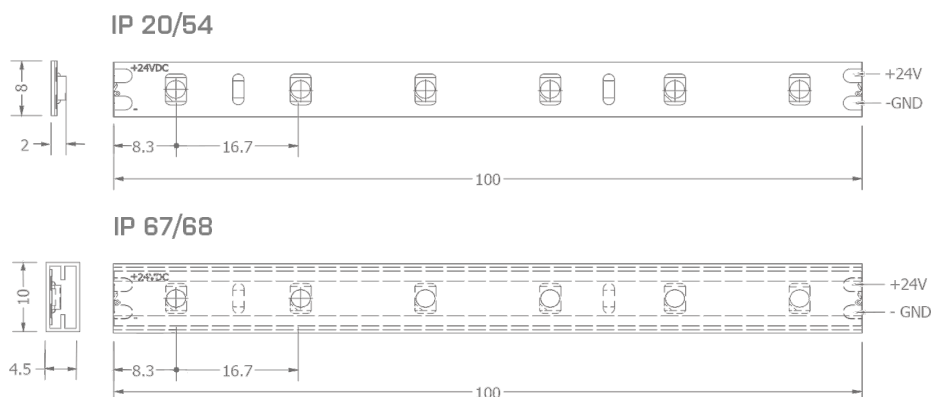
Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 100mm
LED pitch	16.77mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	93.6
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	5.26W
Supply voltage	24V DC
Supply current	0.219A
Luminous flux	379.98Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	ECO FLEX 60
Stated output	379.98lm per metre
Description	Flexible LED Tape, 6000K, 24V, 5.26W/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)	5.26
Input Current (mA DC)	219mA

■ LIGHT OUTPUT

Total light output (Lumens)	379.98
Luminaire efficacy (lm/W)	72.24
Beam angle	120°

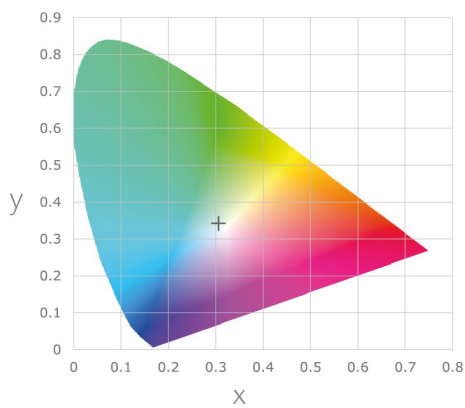
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	6248K
Colour rendering index (CRI, Ra)	93.6
Chromaticity coordinates (CIE 1931 - x,y)	0.3169, 0.3346

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94	96	95	92	92	91	97	93	83	89	91	66	95	97	93

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

