

MICRO NEON SIDE - VIEW 2500K

SPECIFICATION SHEET



■ PRODUCT SPECIFICATION

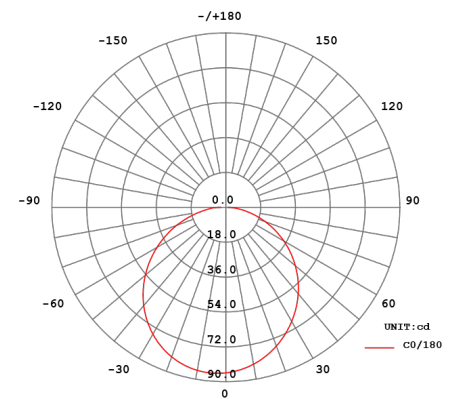
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	80.0
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	45mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

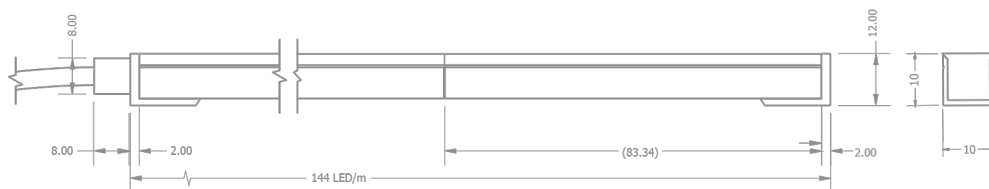
Power consumption	4.05W
Supply voltage	24V DC
Supply current	0.169A
Luminous flux	186.52Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MICRO NEON SIDE VIEW
Stated output	186.52lm 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)	186.52
Luminaire efficacy (lm/W)	46.05
Beam angle	160°

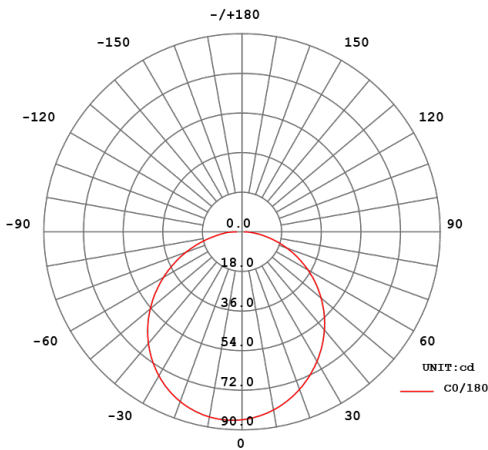
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2437K
Colour rendering index (CRI, Ra)	80.0
Chromaticity coordinates (CIE 1931 - x,y)	0.4846, 0.4173

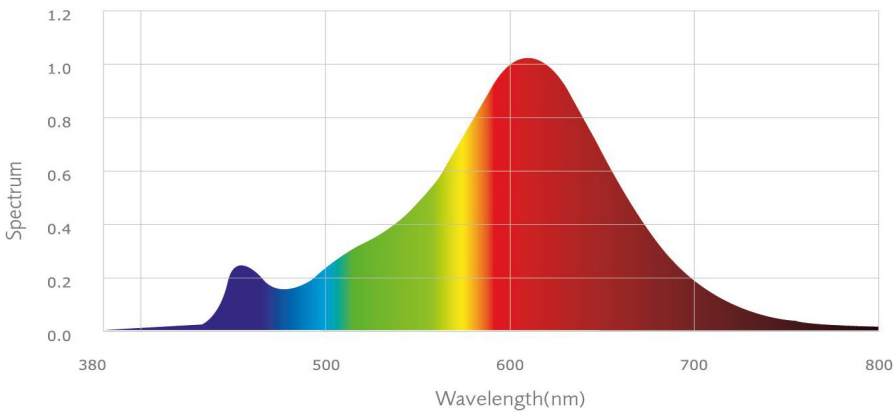
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
81	93	93	78	81	93	80	55	7	85	78	78	83	97	72

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM

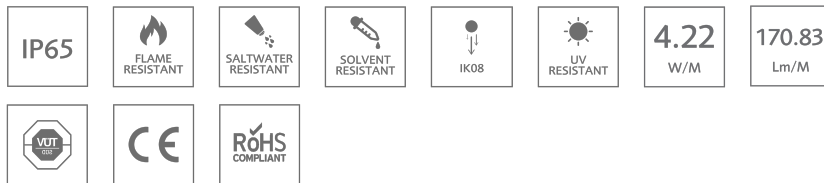


SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



MICRO NEON SIDE - VIEW 2700K

SPECIFICATION SHEET



■ PRODUCT SPECIFICATION

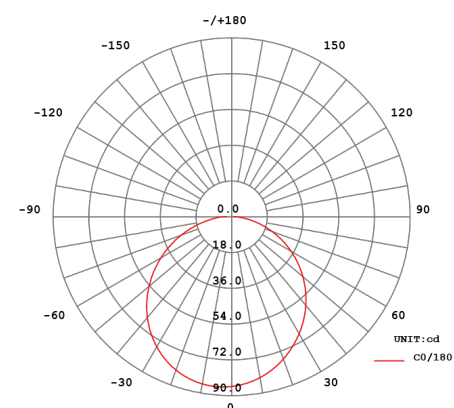
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	80.0
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

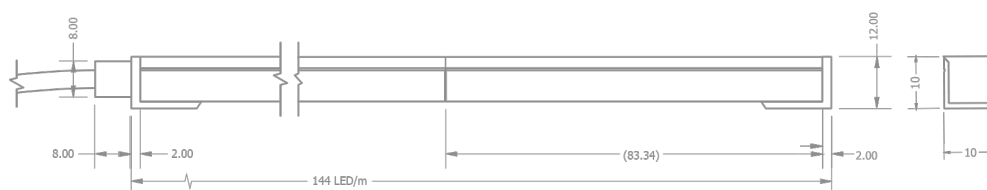
Power consumption	4.22W
Supply voltage	24V DC
Supply current	0.176A
Luminous flux	170.83Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MICRO NEON SIDE VIEW
Stated output	170.83lm per metre
Description	Flexible LED Neon, 2700K, 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)	170.83
Luminaire efficacy (lm/W)	40.48
Beam angle	160°

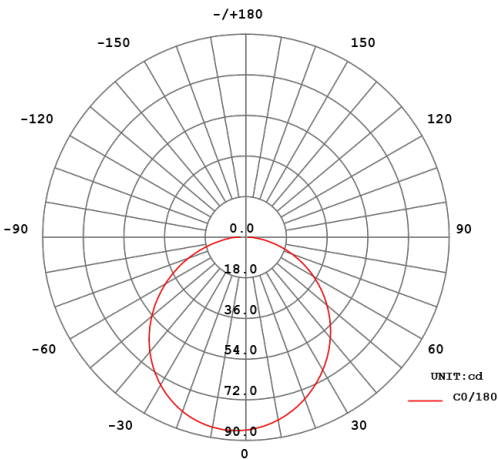
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2605K
Colour rendering index (CRI, Ra)	80.0
Chromaticity coordinates (CIE 1931 - x,y)	0.4703, 0.4165

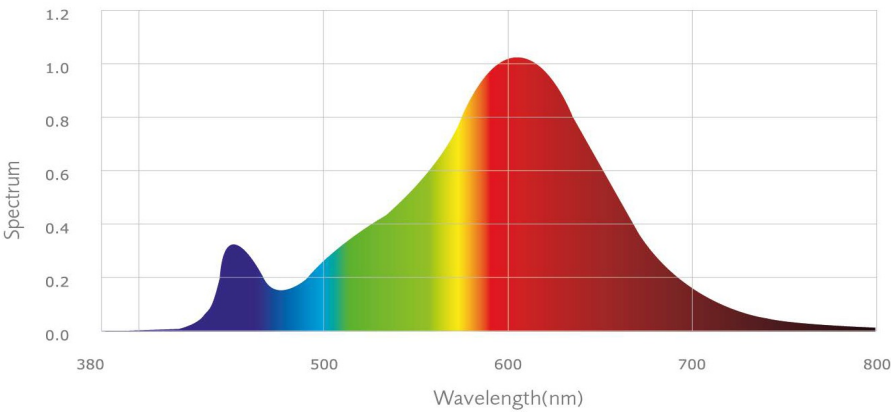
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
78	91	95	76	78	89	80	53	0	79	75	71	81	98	70

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



MICRO NEON SIDE - VIEW 3500K

SPECIFICATION SHEET



■ PRODUCT SPECIFICATION

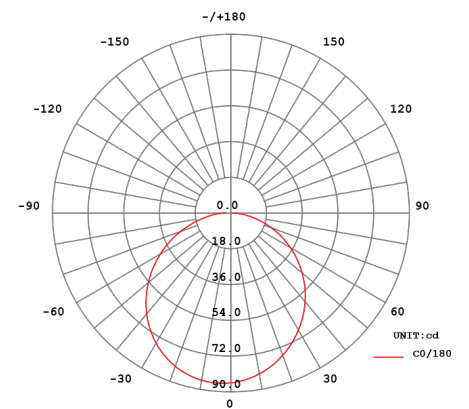
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	80.0
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

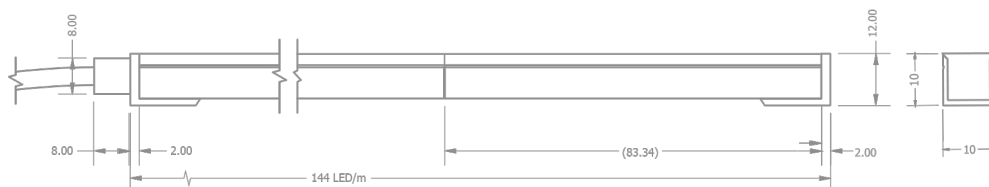
Power consumption	4.17W
Supply voltage	24V DC
Supply current	0.174A
Luminous flux	171.55Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MICRO NEON SIDE VIEW
Stated output	171.55lm per metre
Description	Flexible LED Neon, 3500K, 24V, 4.17W/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)	4.17
Input Current (mA DC)	174mA

LIGHT OUTPUT

Total light output (Lumens)	171.55
Luminaire efficacy (lm/W)	41.14
Beam angle	160°

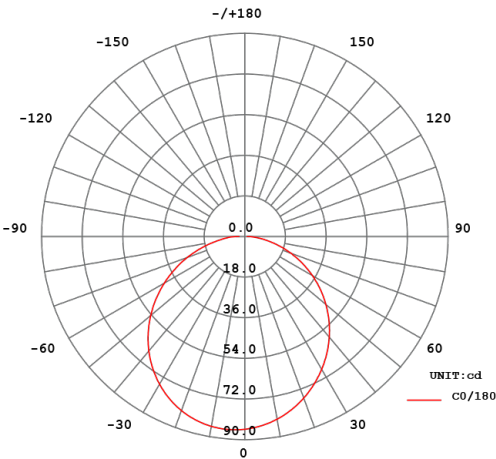
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3359K
Colour rendering index (CRI, Ra)	80.0
Chromaticity coordinates (CIE 1931 - x,y)	0.4140, 0.3958

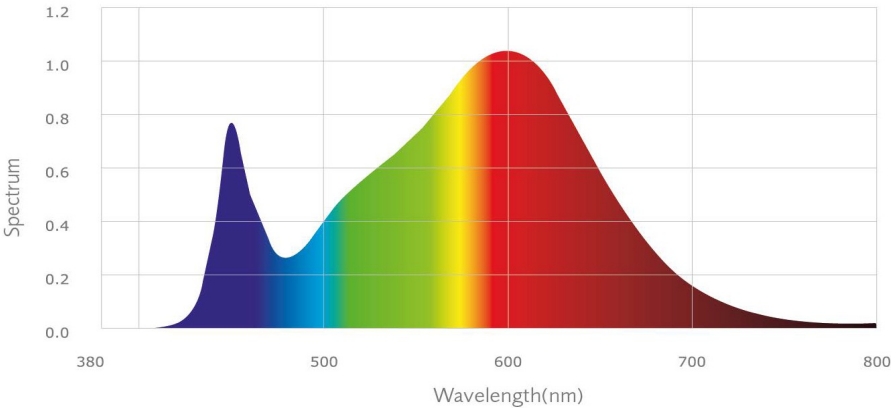
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
81	91	96	80	81	87	84	60	7	78	78	64	83	99	74

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



MICRO NEON SIDE - VIEW 4000K

SPECIFICATION SHEET



■ PRODUCT SPECIFICATION

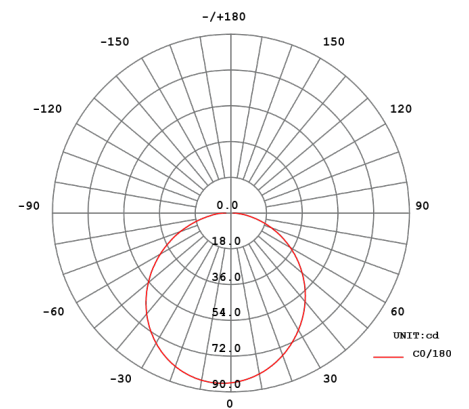
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	80.0
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

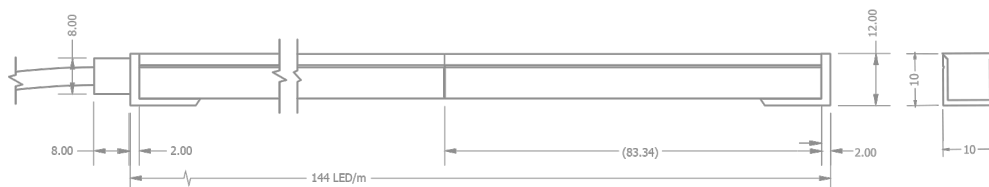
Power consumption	4.24W
Supply voltage	24V DC
Supply current	0.177A
Luminous flux	172.03Lm/M



LUMINOUS INTENSITY
DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MICRO NEON SIDE VIEW
Stated output	172.03lm per metre
Description	Flexible LED Neon, 4000K, 24V, 4.24W/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)	4.24
Input Current (mA DC)	177mA

LIGHT OUTPUT

Total light output (Lumens)	172.03
Luminaire efficacy (lm/W)	40.57
Beam angle	160°

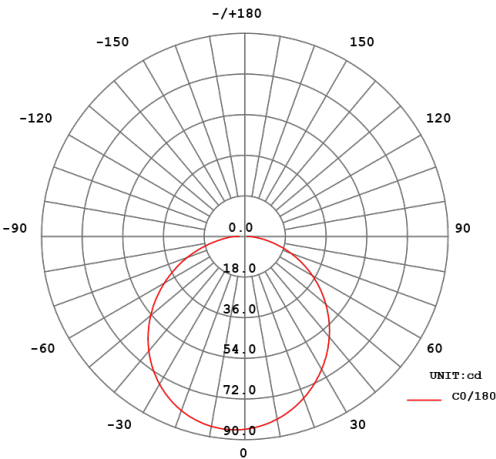
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4058K
Colour rendering index (CRI, Ra)	80.0
Chromaticity coordinates (CIE 1931 - x,y)	0.3807, 0.3859

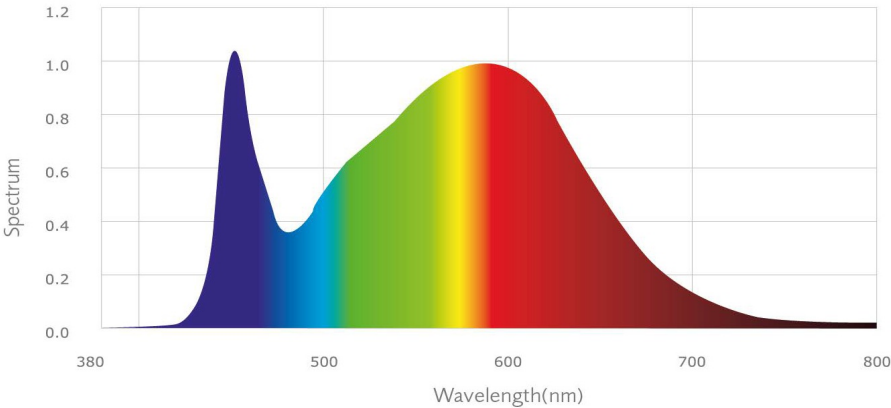
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
80	90	96	79	80	85	87	64	7	75	78	57	83	98	74

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



MICRO NEON SIDE - VIEW 5000K

SPECIFICATION SHEET



■ PRODUCT SPECIFICATION

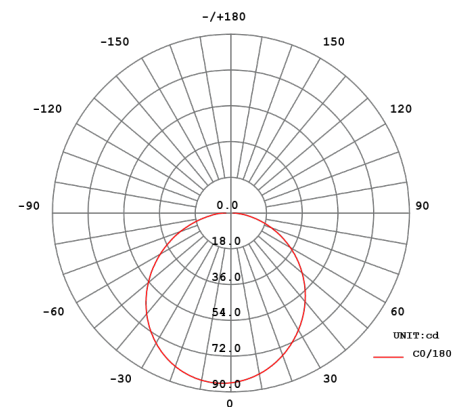
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	80.0
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

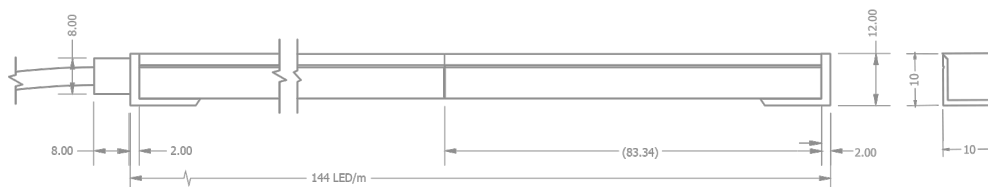
Power consumption	4.27W
Supply voltage	24V DC
Supply current	0.178A
Luminous flux	169.55Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MICRO NEON SIDE VIEW
Stated output	169.55lm per metre
Description	Flexible LED Neon, 5000K, 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)	169.55
Luminaire efficacy (lm/W)	39.71
Beam angle	160°

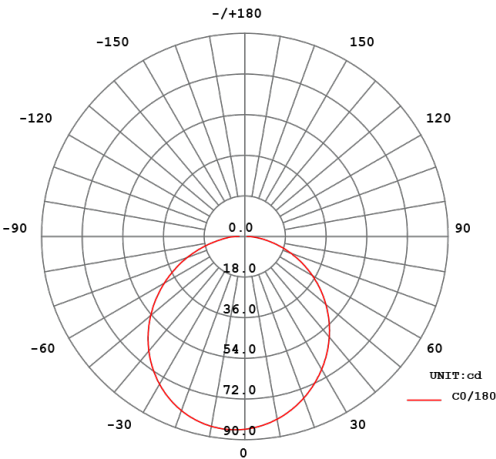
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	5053K
Colour rendering index (CRI, Ra)	80.0
Chromaticity coordinates (CIE 1931 - x,y)	0.3450, 0.3682

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
80	89	95	80	80	85	87	66	6	74	78	58	82	97	74

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

