

■ PRODUCT SPECIFICATION

Dimensions	500*500mm
Pitch	30.00mm
Min. depth diffusion	50mm
Max panel per input	10
Chip	SMD CHIP 5050
Beam angle	120°
Colours	RGB
CRI	58.0
Lifespan	5 YEARS
Operating temp.	0 - 40°C
IP rating	IP20
Dimmable	YES
Energy consumption	2.3 - 3.4KWh/1000h
Efficiency class	A++

■ PERFORMANCE DATA (PER PANEL)

Power consumption	24.72W
Supply voltage	24V DC
Supply current	1.03A
Luminous flux	661.2Lm/Panel



■ PRODUCT DETAILS

Product name	RGB ULTRA PANEL
Stated output	661.2lm per panel
Description	LED Panel, , 24V, 24.72W/Panel

■ ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (WDC)	24.72
Input Current (mA DC)	1030mA

■ LIGHT OUTPUT

Total light output (Lumens)	661.2
Luminaire efficacy (lm/W)	26.75
Beam angle	120°

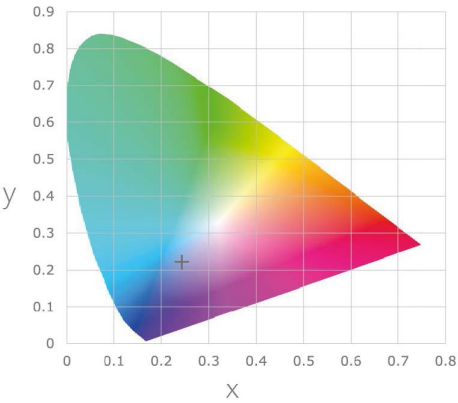
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	100000K
Colour rendering index (CRI, Ra)	58.0
Chromaticity coordinates (CIE 1931 - x,y)	0.2238, 0.2236

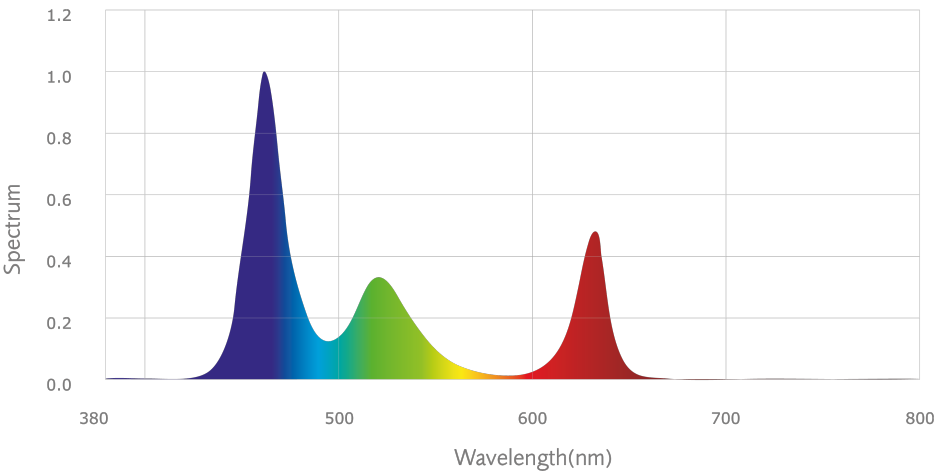
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
44	62	80	69	66	66	62	14	0	15	65	61	43	85	19

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



■ PRODUCT DETAILS

Product name	RGB ULTRA PANEL
Stated output	144.4lm per panel
Description	LED Panel, RED, 24V, 9.22W/Panel

■ ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (WDC)	9.22
Input Current (mA DC)	380mA

■ LIGHT OUTPUT

Total light output (Lumens)	144.4
Luminaire efficacy (lm/W)	15.66
Beam angle	120°

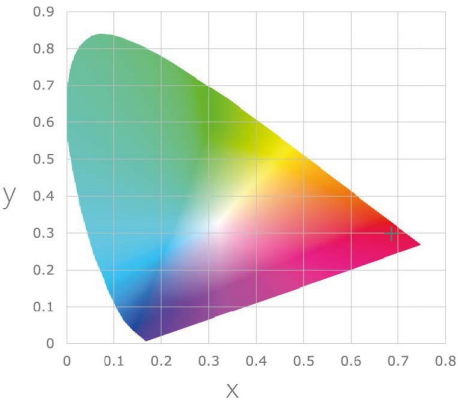
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	1000K
Colour rendering index (CRI, Ra)	31.8
Chromaticity coordinates (CIE 1931 - x,y)	0.6904, 0.3040

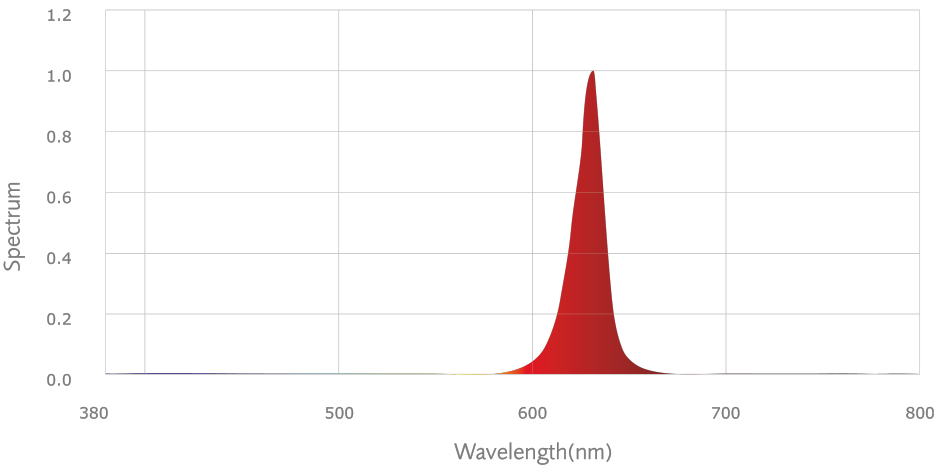
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
15	81	39	0	19	94	7	0	0	77	9	71	37	65	0

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



PRODUCT DETAILS

Product name	RGB ULTRA PANEL
Stated output	477.8lm per panel
Description	LED Panel, GREEN, 24V, 9.64W/Panel

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (WDC)	9.64
Input Current (mA DC)	400mA

LIGHT OUTPUT

Total light output (Lumens)	477.8
Luminaire efficacy (lm/W)	49.56
Beam angle	120°

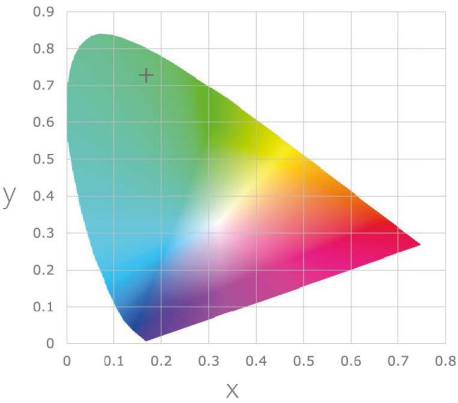
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	7682K
Colour rendering index (CRI, Ra)	0.0
Chromaticity coordinates (CIE 1931 - x,y)	0.1801, 0.7202

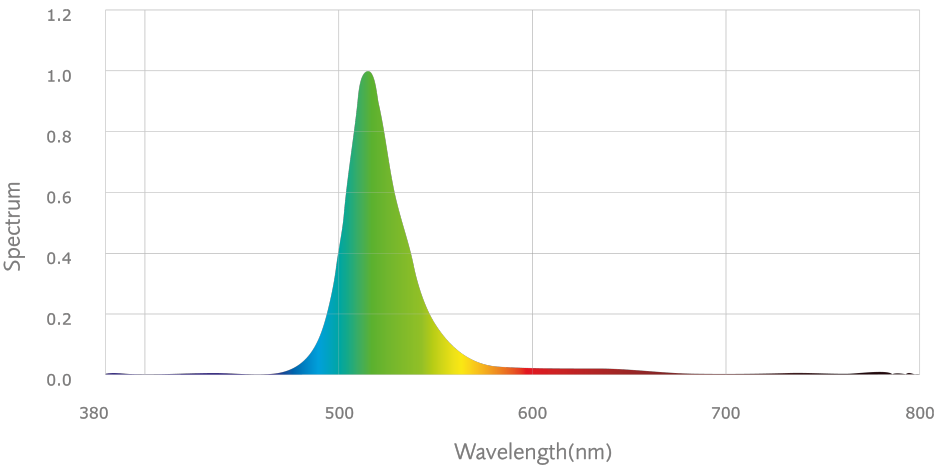
COLOUR RENDERING INDEX

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	38	0

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



■ PRODUCT DETAILS

Product name	RGB ULTRA PANEL
Stated output	113.1lm per panel
Description	LED Panel, BLUE, 24V, 8.71W/Panel

■ ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (WDC)	8.71
Input Current (mA DC)	360mA

■ LIGHT OUTPUT

Total light output (Lumens)	113.1
Luminaire efficacy (lm/W)	12.99
Beam angle	120°

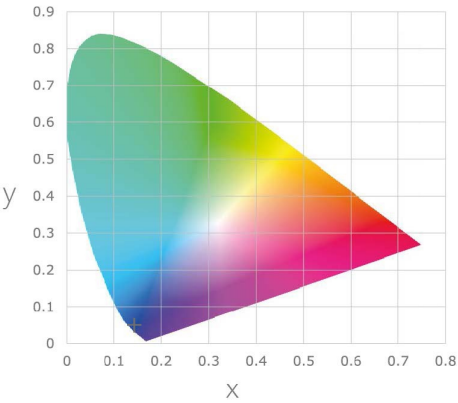
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	100000K
Colour rendering index (CRI, Ra)	1.0
Chromaticity coordinates (CIE 1931 - x,y)	0.1380, 0.0517

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	0	11

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

