

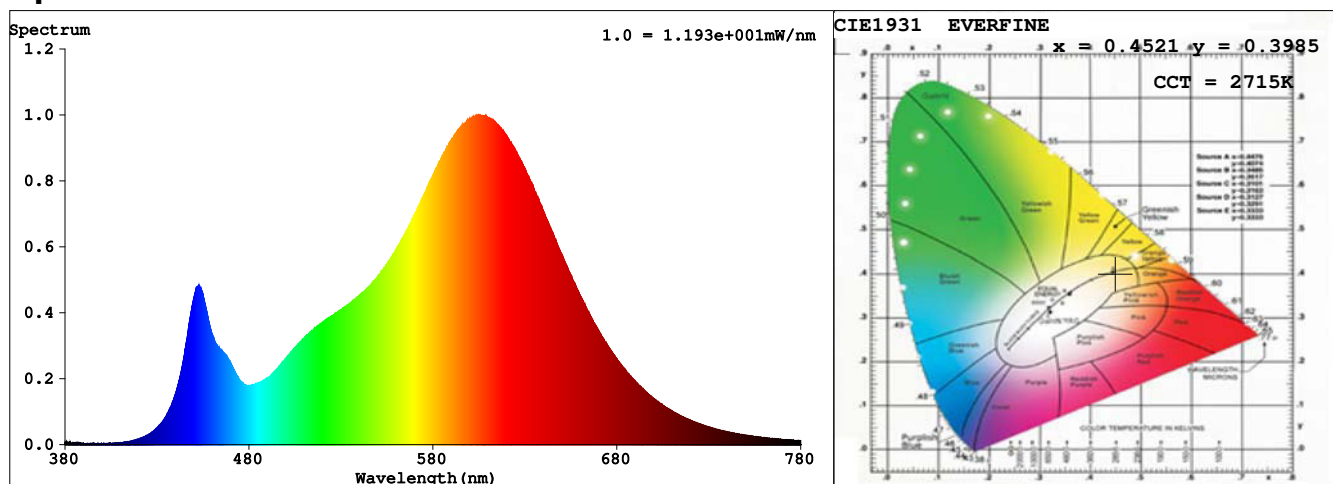
Spectrum Test Report

Sample	: E24N830RGBW	Date	: 2021-09-15 15:58:38
Specification	: 5050 60LED 12MM 24V 19.2W RGBW 4in1	Sam. Status	: First sample test
Sample No.	:	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: GaoYiFei	Test by	: Sun Ren Fang
Remark	: HS-2000		
Device SN			

Test Condition

Temperature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 50399 (77%)
Test Mode	: Fast Test	T	: 296 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4521$ $y = 0.3985$ / $u' = 0.2629$ $v' = 0.5214$ ($duv = -3.90e-03$) $Dx, Dy: -0.0066, -0.0119$
 CCT= 2715K Prcp WL: $L_d = 585.5nm$ Purity=55.3%
 Peak WL: $L_p = 606nm$ FWHM: =107.4nm Ratio: R=25.2% G=72.3% B=2.5%
 Render Index: $R_a = 81.4$ CRI = 76.8 TM30: Rf=82 Rg=97

EEL: 0.11010 A+

R1 =81	R2 =94	R3 =92	R4 =78	R5 =82	R6 =93	R7 =78	
R8 =54	R9 =4	R10=86	R11=78	R12=79	R13=84	R14=96	R15=73

LEVEL:OUT

Photometric & Radiometric Parameters

Flux = 531.27 lm Eff. : 104.18 lm/W $F_e = 1.6417 W$

Electrical parameters

V = 24.00 V I = 0.2125 A P = 5.100 W PF = 1.000 F=0.00 Hz

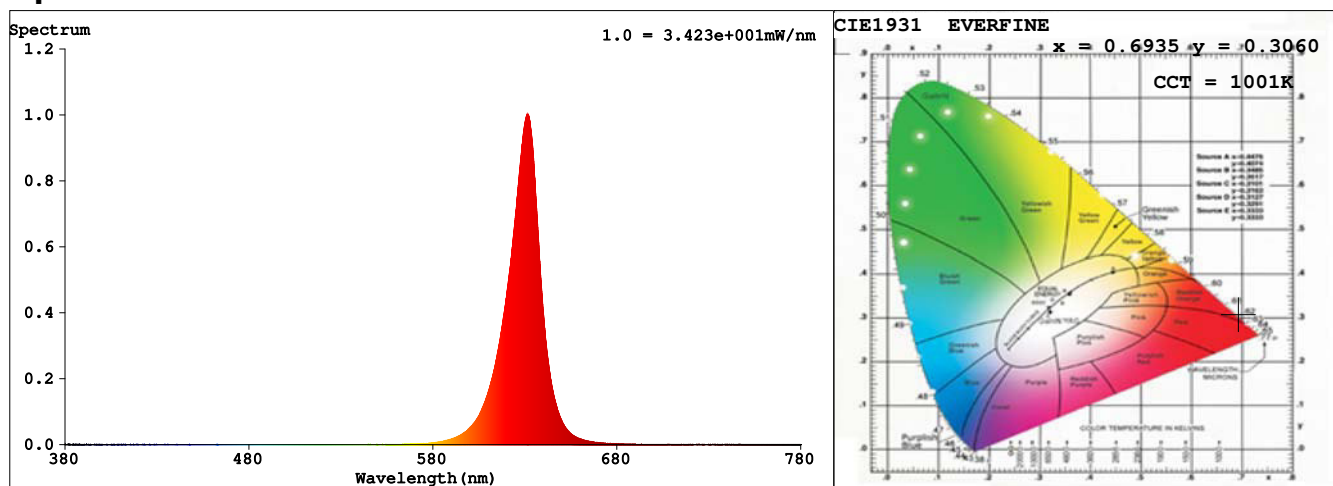
Spectrum Test Report

Sample	: E24N830RGBW	Date	: 2021-09-15 16:00:01
Specification	: 5050 60LED 12MM 24V 19.2W RGBW 4in1	Sam. Status	: First sample test
Sample No.	:	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: GaoYiFei		
Remark	: HS-2000	Test by	: Sun Ren Fang
Device SN			

Test Condition

Temperature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 56510 (86%)
Test Mode	: Fast Test	T	: 126 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6935$ $y = 0.3060$ / $u' = 0.5248$ $v' = 0.5211$ ($duv = -7.73e-02$) $Dx, Dy: 0.0408, -0.0385$
 CCT= 1001K Prcp WL: $L_d = 621.2nm$ Purity=99.9%
 Peak WL: $L_p = 632nm$ FWHM: =17.6nm Ratio: R=95.2% G=4.8% B=0.0%
 Render Index: $R_a = 27.7$ CRI = 31.0 TM30: $R_f = 0$ $R_g = 0$

EEL: 0.26856 B

R1 =9	R2 =78	R3 =33	R4 =0	R5 =4	R6 =89	R7 =9	
R8 =0	R9 =0	R10=72	R11=0	R12=79	R13=31	R14=61	R15=0

LEVEL:OUT

Photometric & Radiometric Parameters

Flux = 148.67 lm Eff. : 30.73 lm/W $F_e = 740.11$ mW

Electrical parameters

V = 24.00 V I = 0.2016 A P = 4.838 W PF = 1.000 F=0.00 Hz

Spectrum Test Report

Sample : E24N830RGBW
 Specification : 5050 60LED 12MM 24V 19.2W RGBW 4in1
 Sample No. :
 Manufacturer :
 Assessor : GaoYiFei
 Remark :
 Device SN : HS-2000

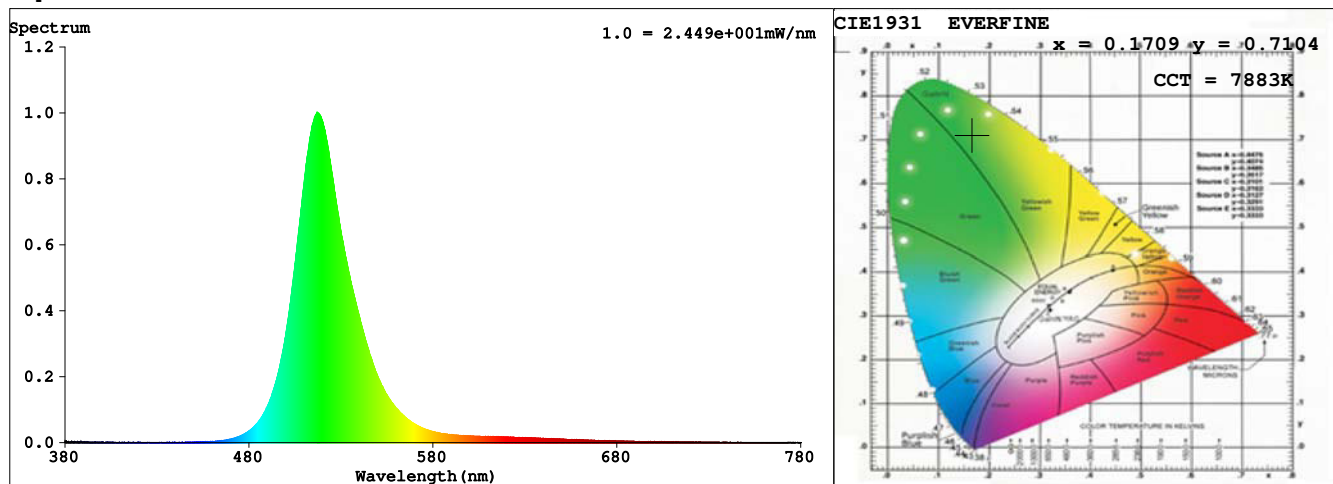
Date : 2021-09-15 16:00:29
 Sam. Status : First sample test
 Standard :
 Instrument : HaasSuite(EVERFINE)
 Test by : Sun Ren Fang

Test Condition

Temperature : 25Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test
 Sensitivity : High

RH : 60.0%
 IP : 53538 (82%)
 T : 172 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1709$ $y = 0.7104$ / $u' = 0.0611$ $v' = 0.5717$ ($duv=1.55e-01$) $Dx, Dy: -0.1255, 0.4044$
 CCT= 7883K Prcp WL: $L_d=526.0nm$ Purity=77.1%
 Peak WL: $L_p=517nm$ FWHM: $=30.9nm$ Ratio: $R=1.2\%$ $G=96.4\%$ $B=2.5\%$
 Render Index: $R_a = 0.0$ CRI = 2.6 TM30: $R_f=4$ $R_g=12$

EEL: 0.11838 A+

$R_1 = 0$ $R_2 = 0$ $R_3 = 0$ $R_4 = 0$ $R_5 = 0$ $R_6 = 0$ $R_7 = 0$
 $R_8 = 0$ $R_9 = 0$ $R_{10} = 0$ $R_{11} = 0$ $R_{12} = 0$ $R_{13} = 0$ $R_{14} = 40$ $R_{15} = 0$

LEVEL:OUT

Photometric & Radiometric Parameters

Flux = 432.46 lm Eff. : 92.51 lm/W $F_e = 937.11$ mW

Electrical parameters

$V = 24.00$ V $I = 0.1948$ A $P = 4.675$ W PF = 1.000 F=0.00 Hz

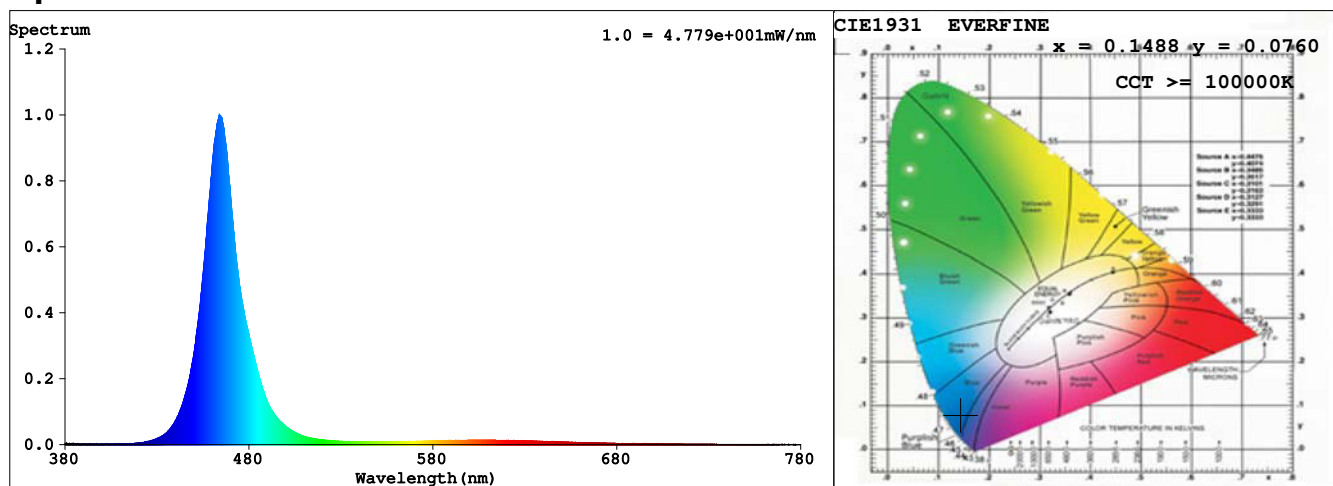
Spectrum Test Report

Sample	: E24N830RGBW	Date	: 2021-09-15 16:00:53
Specification	: 5050 60LED 12MM 24V 19.2W RGBW 4in1	Sam. Status	: First sample test
Sample No.	:	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: GaoYiFei		
Remark	: HS-2000	Test by	: Sun Ren Fang
Device SN			

Test Condition

Temperature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 53451 (82%)
Test Mode	: Fast Test	T	: 138 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1488$ $y = 0.0760$ / $u' = 0.1647$ $v' = 0.1892$ ($duv = -1.41e-01$) $Dx, Dy: -0.0938, -0.1622$
 CCT>=100000K Prcp WL: $L_d = 467.9nm$ Purity=90.5%
 Peak WL: $L_p = 464nm$ FWHM: =19.9nm Ratio: R=6.5% G=28.8% B=64.7%
 Render Index: $R_a = 16.3$ CRI = 13.9 TM30: Rf=1 Rg=193

EEL: 0.33383 B

R1 =64	R2 =0	R3 =0	R4 =0	R5 =66	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=27	R14=0	R15=51

LEVEL:OUT

Photometric & Radiometric Parameters

Flux = 108.13 lm Eff. : 22.42 lm/W $F_e = 1.2894 W$

Electrical parameters

V = 24.00 V I = 0.2010 A P = 4.824 W PF = 1.000 F=0.00 Hz

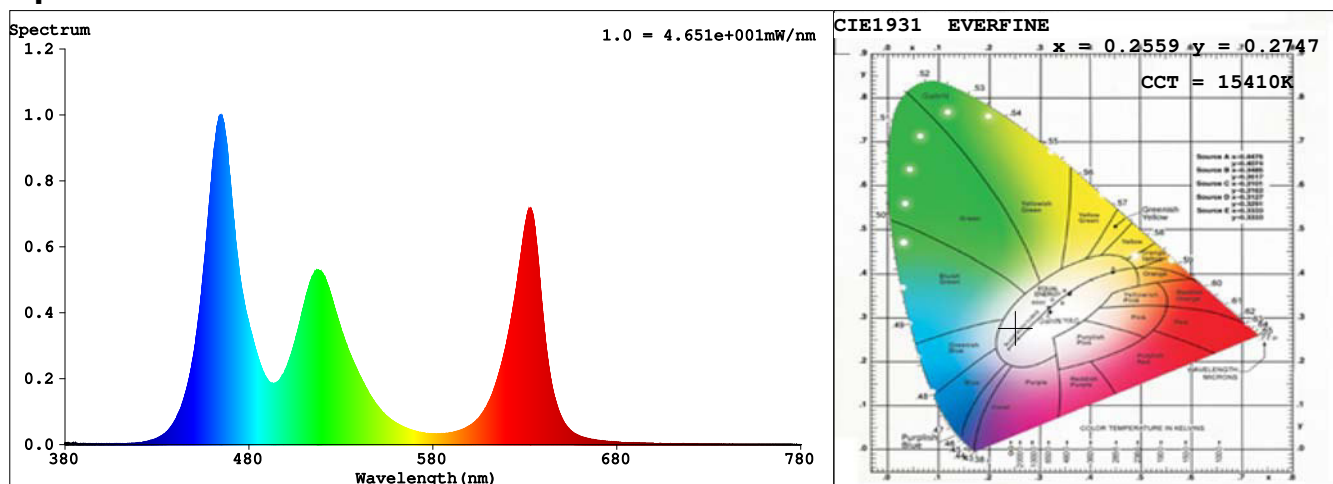
Spectrum Test Report

Sample	: E24N830RGBW	Date	: 2021-09-15 16:01:28
Specification	: 5050 60LED 12MM 24V 19.2W RGBW 4in1	Sam. Status	: First sample test
Sample No.	:	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: GaoYiFei	Test by	: Sun Ren Fang
Remark	: HS-2000		
Device SN			

Test Condition

Temperature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 51821 (79%)
Test Mode	: Fast Test	T	: 119 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2559$ $y = 0.2747$ / $u' = 0.1770$ $v' = 0.4274$ ($duv=9.05e-03$) $Dx, Dy: -0.0070, 0.0084$

CCT= 15410K Prcp WL: $L_d=481.1nm$ Purity=31.4%

Peak WL: $L_p=465nm$ FWHM: =20.5nm Ratio:R=21.4% G=66.7% B=11.9%

Render Index: $R_a = 48.6$ CRI = 42.2 TM30:Rf=51 Rg=111

EEL: 0.25815 B

R1 =34 R2 =60 R3 =74 R4 =52 R5 =54 R6 =57 R7 =57

R8 =2 R9 =0 R10=5 R11=42 R12=62 R13=37 R14=81 R15=16

LEVEL:OUT

Photometric & Radiometric Parameters

Flux = 677.05 lm Eff. : 46.77 lm/W $F_e = 2.9256 W$

Electrical parameters

V = 24.00 V I = 0.6032 A P = 14.48 W PF = 1.000 F=0.00 Hz

Spectrum Test Report

Sample : E24N830RGBW
 Specification : 5050 60LED 12MM 24V 19.2W RGBW 4in1
 Sample No. :
 Manufacturer :
 Assessor : GaoYiFei
 Remark : HS-2000
 Device SN

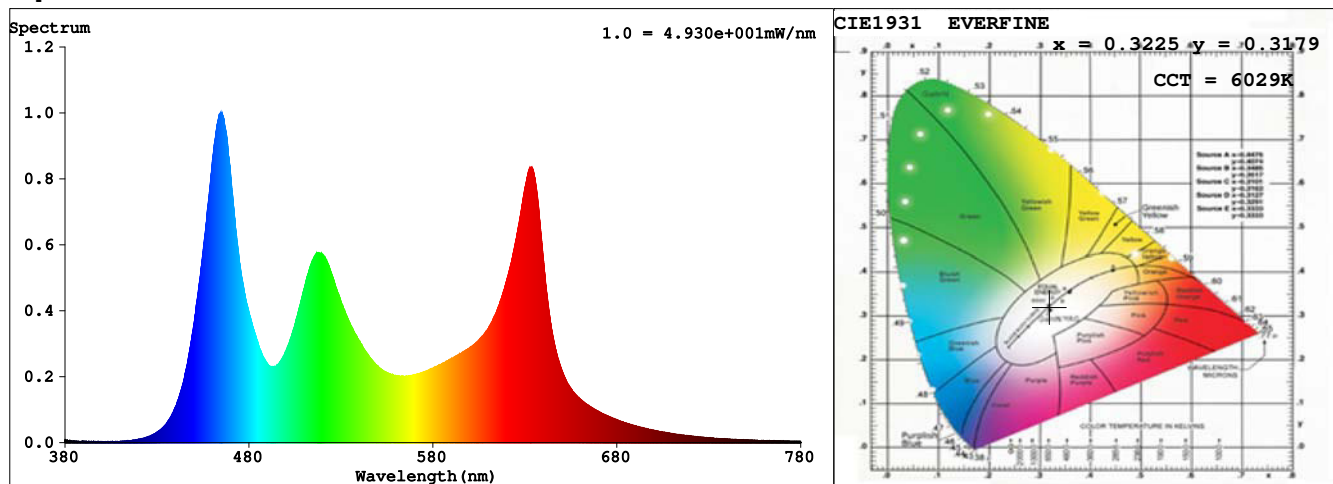
Date : 2021-09-15 16:01:57
 Sam. Status : First sample test
 Standard :
 Instrument : HaasSuite(EVERFINE)
 Test by : Sun Ren Fang

Test Condition

Temperature : 25Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test
 Sensitivity : High

RH : 60.0%
 IP : 52647 (80%)
 T : 98 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3225$ $y = 0.3179$ / $u' = 0.2091$ $v' = 0.4637$ ($duv = -7.61e-03$) $Dx, Dy: 0.0010, -0.0134$
 CCT= 6029K Prcp WL: $L_d = 467.0nm$ Purity=5.4%
 Peak WL: $L_p = 465nm$ FWHM: $= 22.9nm$ Ratio: R=22.6% G=69.5% B=7.9%
 Render Index: $R_a = 64.1$ CRI = 56.3 TM30: $R_f = 73$ $R_g = 110$

EEL: 0.22087 A

R1 =52 R2 =70 R3 =88 R4 =60 R5 =58 R6 =61 R7 =78
 R8 =45 R9 =0 R10=34 R11=48 R12=57 R13=54 R14=91 R15=47
 LEVEL:OUT

Photometric & Radiometric Parameters

Flux = 1190.7 lm Eff. : 60.77 lm/W $F_e = 4.5106 W$

Electrical parameters

V = 24.00 V I = 0.8165 A P = 19.59 W PF = 1.000 F=0.00 Hz