

Spectrum Test Report

Sample :
Specification : BR30-8.5-827-DIM ECO 6PK
Sample No. : C2127111A001
Manufacturer : RAB Lighting Inc

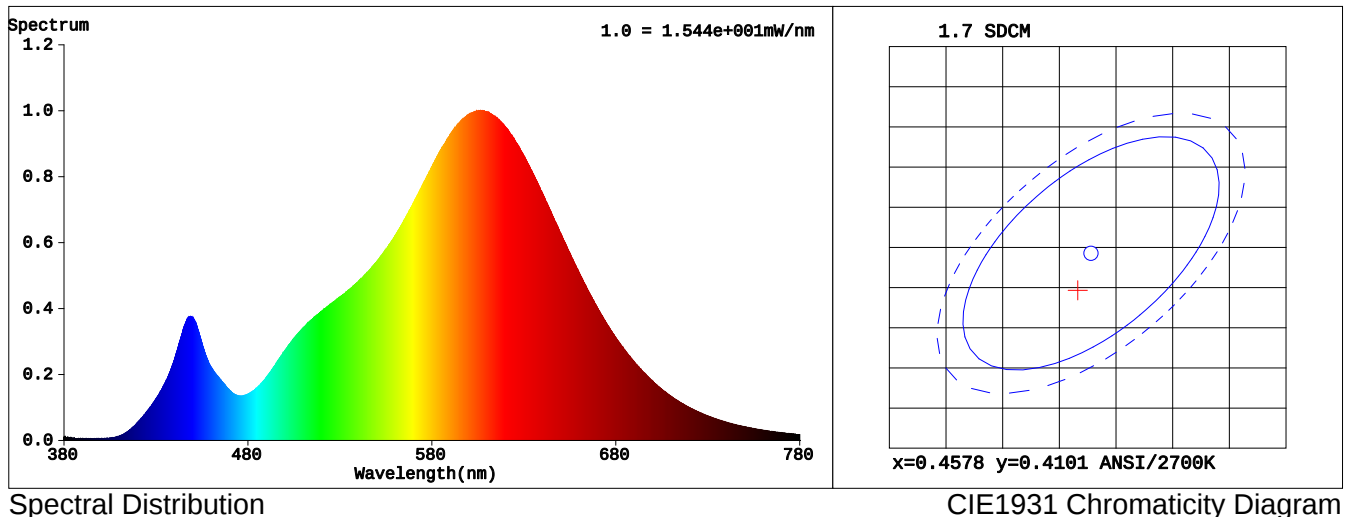
Date : 2021-07-14 18:47:10
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by :
Assessor : damin

Test Condition

Temperature : 25.2Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 45%
IP : 48669 (74%)
T : 100 ms
Delicacy : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4568$ $y = 0.4064$ / $u' = 0.2624$ $v' = 0.5253$ ($duv = -1.30e-03$)

CCT= 2711K Prcp WL: Ld=584.6nm Purity=59.1%

Peak WL: Lp=606nm FWHM: =117.4nm Ratio:R=25.0% G=72.9% B=2.1%

Render Index: Ra = 82.1

R1 =81	R2 =91	R3 =96	R4 =80	R5 =81	R6 =90	R7 =82	
R8 =57	R9 =7	R10=80	R11=80	R12=77	R13=83	R14=99	R15=73

Photometric & Radiometric Parameters

Flux = 719.22 lm Eff. : 90.92 lm/W Fe = 2.2536 W

Flux of emitted photons(umol/s):11.065 Fluo. and blue light ratio:10.87 Fluorescent eff.:186.6

Electrical parameters

V = 120.0 V I = 0.09219 A P = 7.911 W PF = 0.7152

Spectrum Test Report

Sample :
Specification : BR30-8.5-827-DIM ECO 6PK
Sample No. : C2127111A002
Manufacturer : RAB Lighting Inc

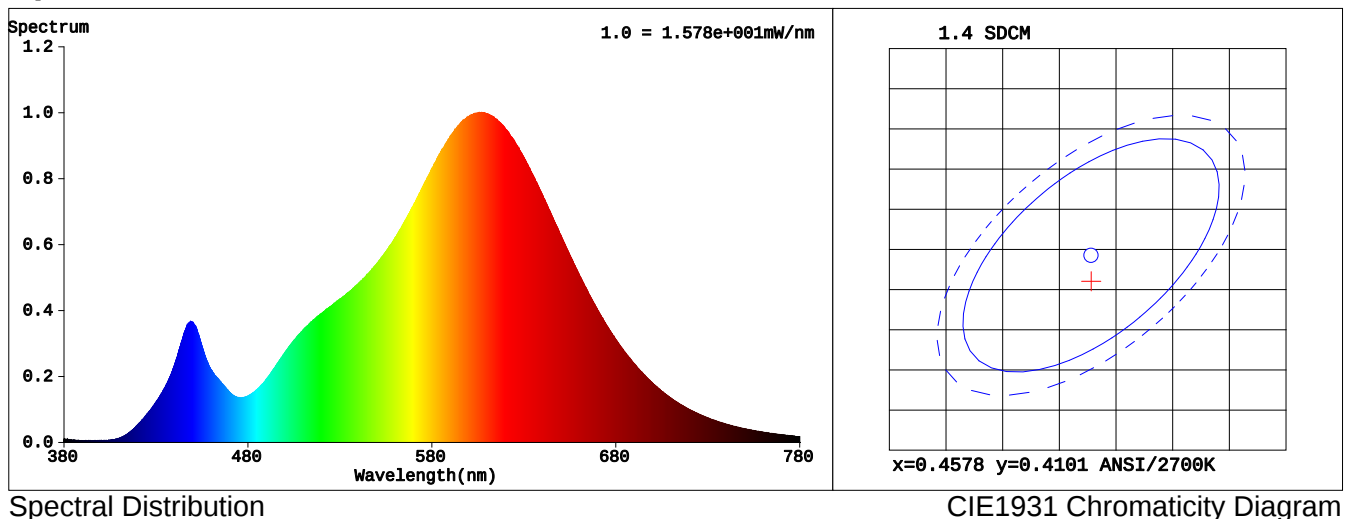
Date : 2021-07-14 18:49:02
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by :
Assessor : damin

Test Condition

Temperature : 25.2Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 45%
IP : 49752 (76%)
T : 100 ms
Delicacy : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4578$ $y = 0.4075$ / $u' = 0.2626$ $v' = 0.5259$ ($duv = -9.71e-04$)

CCT= 2705K Prcp WL: Ld=584.5nm Purity=59.7%

Peak WL: Lp=606nm FWHM: =117.3nm Ratio:R=25.0% G=72.9% B=2.1%

Render Index: Ra = 82.1

R1 =80	R2 =91	R3 =96	R4 =80	R5 =81	R6 =90	R7 =82	
R8 =57	R9 =7	R10=80	R11=80	R12=77	R13=83	R14=99	R15=73

Photometric & Radiometric Parameters

Flux = 734.67 lm Eff. : 92.21 lm/W Fe = 2.2995 W

Flux of emitted photons(umol/s):11.296 Fluo. and blue light ratio:11.10 Fluorescent eff.:190.8

Electrical parameters

V = 120.0 V I = 0.09215 A P = 7.968 W PF = 0.7206

Spectrum Test Report

Sample :
Specification : BR30-8.5-827-DIM ECO 6PK
Sample No. : C2127111A003
Manufacturer : RAB Lighting Inc

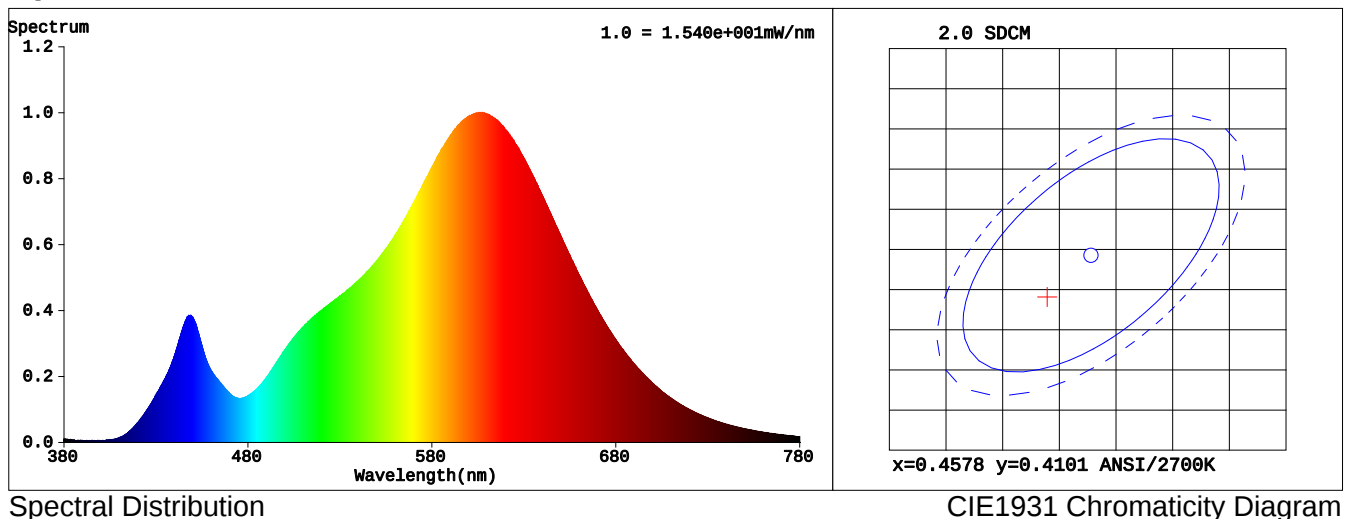
Date : 2021-07-14 18:52:00
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by :
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 45%
IP : 48539 (74%)
T : 100 ms
Delicacy : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4545$ $y = 0.4060$ / $u' = 0.2611$ $v' = 0.5248$ ($duv = -1.26e-03$)

CCT= 2740K Prcp WL: $L_d = 584.4\text{nm}$ Purity=58.3%

Peak WL: $L_p = 605\text{nm}$ FWHM: $= 119.0\text{nm}$ Ratio: R=24.8% G=73.1% B=2.1%

Render Index: $R_a = 82.3$

R1 =81	R2 =91	R3 =96	R4 =81	R5 =81	R6 =89	R7 =82	
R8 =58	R9 =8	R10=79	R11=80	R12=77	R13=83	R14=99	R15=73

Photometric & Radiometric Parameters

Flux = 723.03 lm Eff. : 89.89 lm/W $F_e = 2.2649\text{ W}$

Flux of emitted photons($\mu\text{mol/s}$):11.107 Fluo. and blue light ratio:10.71 Fluorescent eff.:186.3

Electrical parameters

$V = 120.0\text{ V}$ $I = 0.09268\text{ A}$ $P = 8.044\text{ W}$ PF = 0.7234