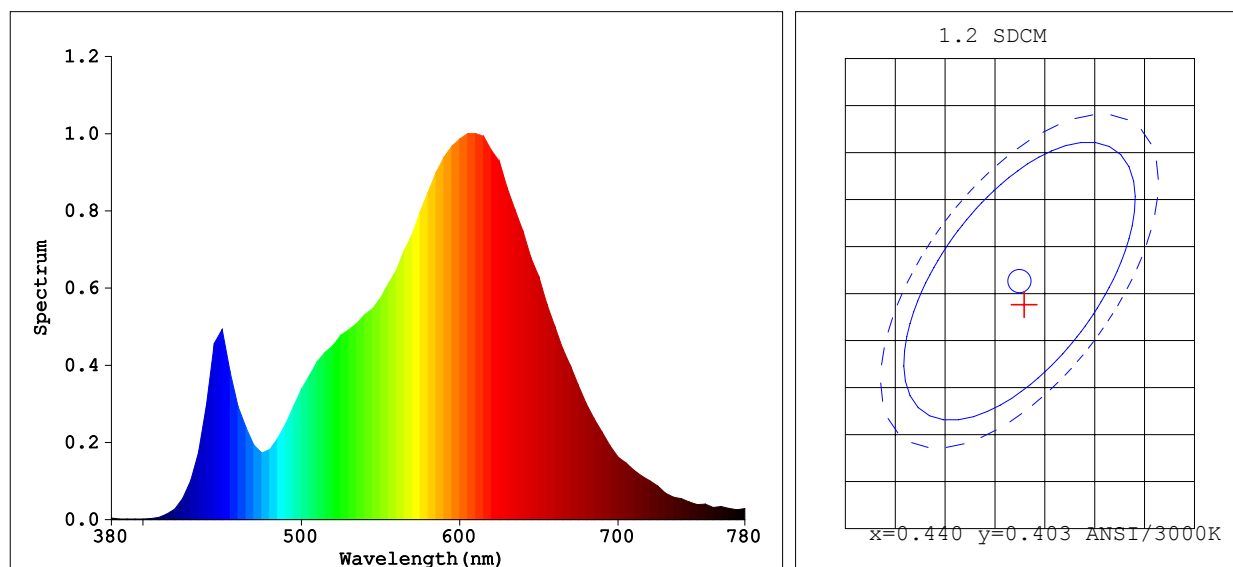


Spectrophotocolorimeter Test Report

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4404$ $y=0.4010$

Chromaticity Coordinate: $u'=0.2542$ $v'=0.5207$ ($duv=-1.67e-03$)

$T_c=2917K$ Dominant WL: $L_d=583.8nm$ Purity=52.5% Centroid WL: $592.0nm$

Ratio: $R=25.6\%$ $G=72.1\%$ $B=2.3\%$ Peak WL: $L_p=605.0nm$ HWL: $127.6nm$

Render Index: $R_a=84.7$

$R1=84$ $R2=93$ $R3=96$ $R4=84$ $R5=85$ $R6=92$ $R7=83$

$R8=62$ $R9=16$ $R10=84$ $R11=85$ $R12=80$ $R13=86$ $R14=99$ $R15=76$

Photo Parameters:

Flux: $649.95 lm$ $Fe=2.0331 W$ Efficacy: $88.13 lm/W$

Electrical Parameters:

Luminaire: $U=230.6V$ $I=0.03650A$ $P=7.375W$ $PF=0.8762$

Instrument Status:

Scan Range: $380.0nm-780.0nm$ Interval: $5.0nm[0]$

REF: $7532 (R=3)$

$\%=-0.215\%$

$I_p=14392 (G=6, D=58)$

PMT: $16.1 \text{ centigrade } [150.0]$

Product Type: **3000K**

Number: **1**

Temperature: **25 deg**

Test Operator:

Software: **V3.00.135**

Manufacturer: **SGD LTD**

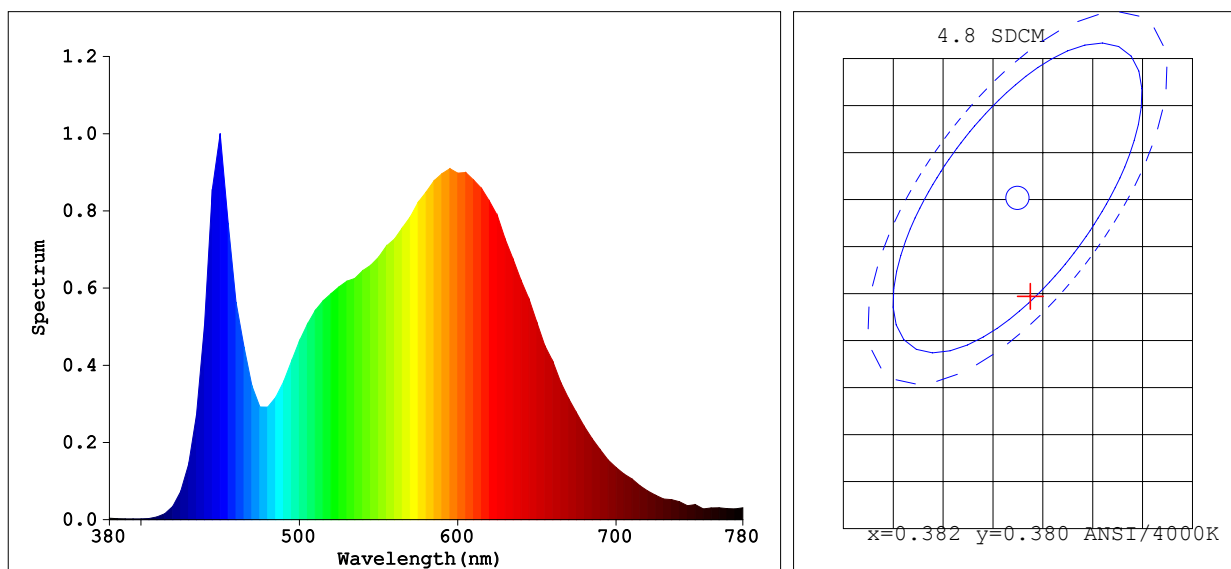
Test Department:

Humidity: **65.0%**

Test Date: **2022-03-23 09:37:50**

Instrument: **PMS-80_V1 (SN:11070038)**

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3829$ $y=0.3714$

Chromaticity Coordinate: $u'=0.2289$ $v'=0.4996$ ($duv=-3.21e-03$)

$T_c=3892K$ Dominant WL: $L_d=581.3nm$ Purity=26.4% Centroid WL: 572.0nm

Ratio: R=21.0% G=75.5% B=3.5% Peak WL: $L_p=450.0nm$ HWL: 22.8nm

Render Index: $R_a=87.0$

R1 =86	R2 =93	R3 =96	R4 =87	R5 =87	R6 =90	R7 =87	
R8 =70	R9 =25	R10=83	R11=87	R12=72	R13=88	R14=98	R15=81

Photo Parameters:

Flux: 733.90 lm Fe: 2.3153 W Efficacy: 105.0 lm/W

Electrical Parameters:

Luminaire: U=230.6V I=0.03479A P=6.987W PF=0.8710

Instrument Status:

Scan Range: 380.0nm-780.0nm Interval: 5.0nm[0]

REF=8432 (R=3) $\% = 0.096\%$

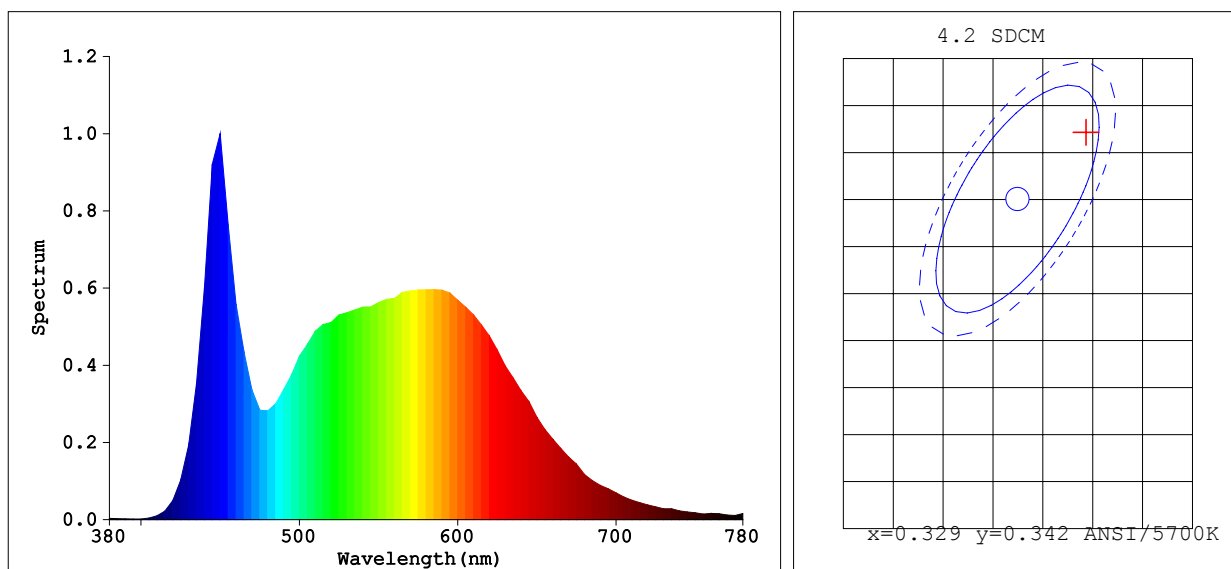
$I_p=30562$ (G=6, D=57)

PMT: 16.8 centigrade [150.0]

Product Type: 4000K
Number: 2
Temperature: 25 deg
Test Operator:
Software: V3.00.135

Manufacturer: **SGD LTD**
Test Department:
Humidity: 65.0%
Test Date: 2022-03-23 09:39:18
Instrument: PMS-80_V1 (SN: 11070038)

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3349$ $y=0.3477$

Chromaticity Coordinate: $u'=0.2060$ $v'=0.4812$ ($duv=2.30e-03$)

$T_c=5399K$ Dominant WL: $L_d=559.0nm$ Purity=4.8% Centroid WL: $549.0nm$

Ratio: $R=16.4\%$ $G=79.1\%$ $B=4.5\%$ Peak WL: $L_p=450.0nm$ HWL: $24.4nm$

Render Index: $R_a=84.3$

$R1=83$ $R2=88$ $R3=93$ $R4=85$ $R5=84$ $R6=85$ $R7=87$

$R8=69$ $R9=10$ $R10=73$ $R11=85$ $R12=67$ $R13=84$ $R14=96$ $R15=77$

Photo Parameters:

Flux: $679.25 lm$ $F_e=2.1527 W$ Efficacy: $93.81 lm/W$

Electrical Parameters:

Luminaire: $U=230.6V$ $I=0.03593A$ $P=7.241W$ $PF=0.8741$

Instrument Status:

Scan Range: $380.0nm-780.0nm$ Interval: $5.0nm[0]$

REF=7759 ($R=3$)

$\%=-0.157\%$

$I_p=37365 (G=6, D=58)$

PMT: 17.1 centigrade [150.0]

Product Type: 5700K
Number: 3
Temperature: 25 deg
Test Operator:
Software: V3.00.135

Manufacturer: SGD LTD
Test Department:
Humidity: 65.0%
Test Date: 2022-03-23 09:40:53
Instrument: PMS-80_V1 (SN: 11070038)