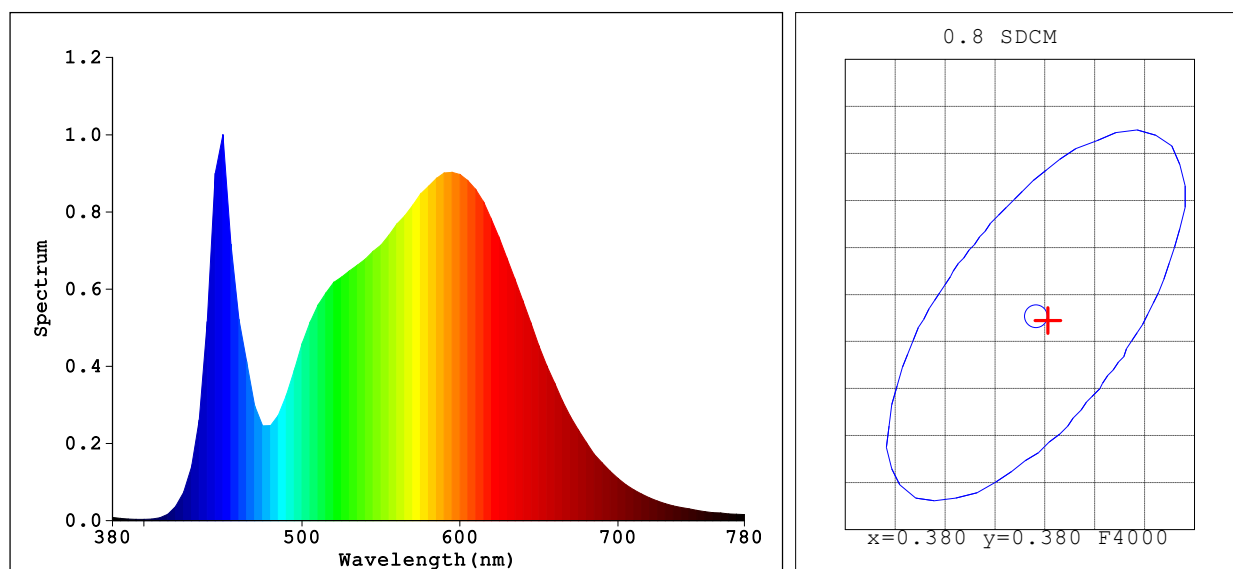


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3810$ $y=0.3796$

Chromaticity Coordinate: $u'=0.2244$ $v'=0.5029$ ($duv=1.17e-03$)

$T_c=4005K$ Dominant WL: $L_d=578.4nm$ Purity=28.3% Centroid WL: $569.0nm$

Ratio: $R=19.8\%$ $G=77.1\%$ $B=3.2\%$ Peak WL: $L_p=450.0nm$ HWL: $21.3nm$

Render Index: $R_a=83.2$

$R_1=81$ $R_2=89$ $R_3=95$ $R_4=83$ $R_5=82$ $R_6=85$ $R_7=86$

$R_8=65$ $R_9=7$ $R_{10}=74$ $R_{11}=83$ $R_{12}=64$ $R_{13}=83$ $R_{14}=97$ $R_{15}=75$

Photo Parameters:

Flux: $5292.7 lm$ $F_e=15.981 W$ Efficacy: $167.2 lm/W$

Electrical Parameters:

Luminaire: $U=230.2V$ $I=0.1405A$ $P=31.66W$ $PF=0.9786$

Instrument Status:

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

REF=10654 ($R=3$)

$\%=-0.464\%$

$I_p=14622 (G=3, D=52)$

PMT: 29.1 centigrade [26.3]

Product Type: LB01CC-30-1480K-40H-R8

Number: 1

Temperature: $25.3 deg$

Test Operator: IPQC

Software: V2.00.125

Manufacturer:

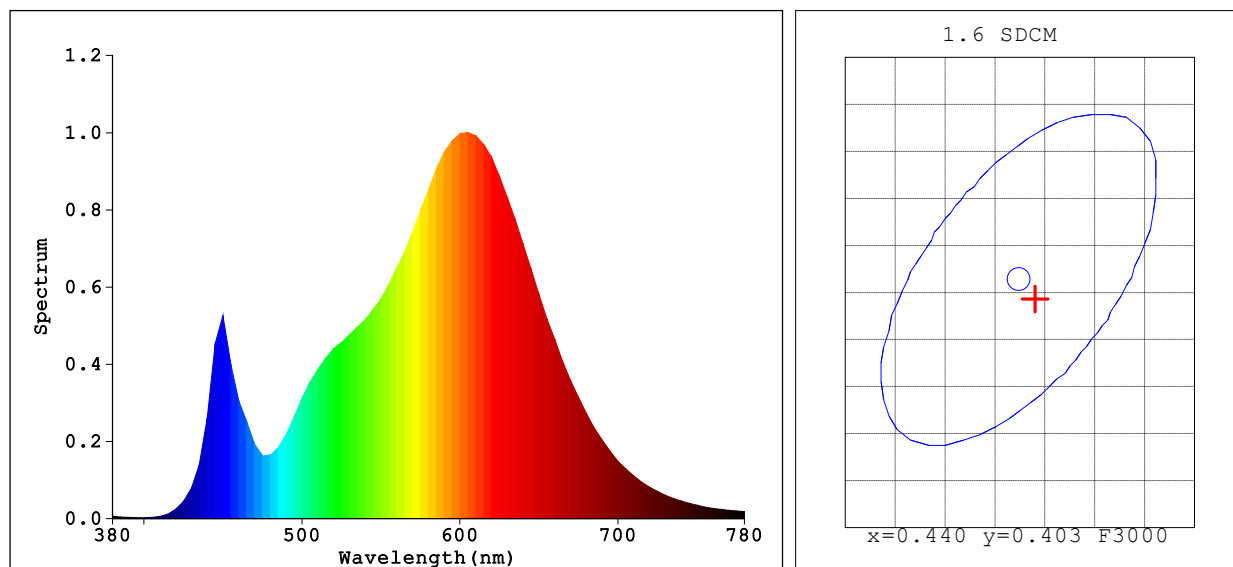
Test Department: QC

Humidity: 65.0%

Test Date: 2023-07-12 19:12:31

Instrument: PMS-80_V1 (SN: 1004010)

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4414$ $y=0.4013$ Chromaticity Coordinate: $u'=0.2547$ $v'=0.5210$ ($duv=-1.68e-03$)

Tc=2903K Dominant WL:Ld=583.8nm Purity=52.9% Centroid WL:591.0nm

Ratio:R=25.5% G=72.3% B=2.2% Peak WL:Lp=605.0nm HWL:120.5nm

Render Index:Ra=82.5

R1 =81 R2 =91 R3 =96 R4 =81 R5 =82 R6 =90 R7 =82

R8 =58 R9 =6 R10=81 R11=81 R12=75 R13=84 R14=98 R15=73

Photo Parameters:

Flux: 4776.7 lm Fe: 14.634 W Efficacy:153.4 lm/W

Electrical Parameters:

Luminaire: U=230.2V I=0.1382A P=31.13W PF=0.9784

Instrument Status:

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

REF=9732 (R=3)

 $\% = 0.342\%$

Ip=38043 (G=4,D=52)

PMT: 29.2 centigrade [26.7]

Product Type:LB01CC-30-1480K-30H-R8

Number:2

Temperature:25.3 deg

Test Operator:IPQC

Software:V2.00.125

Manufacturer:

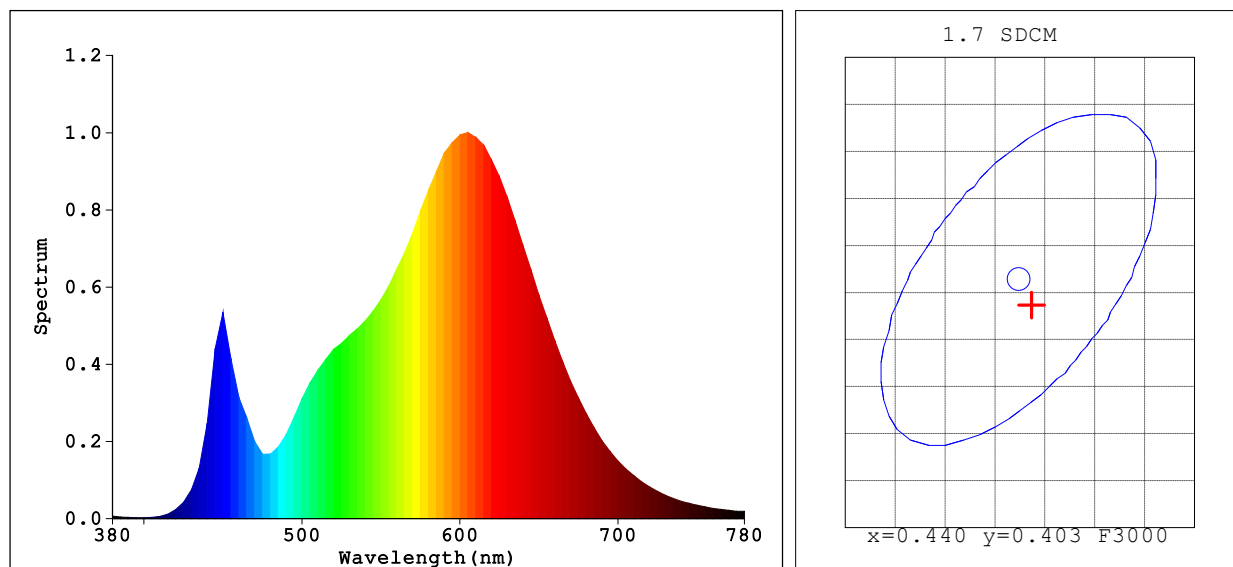
Test Department:QC

Humidity:65.0%

Test Date:2023-07-12 19:14:38

Instrument:PMS-80_V1 (SN:1004010)

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4411$ $y=0.4008$

Chromaticity Coordinate: $u'=0.2547$ $v'=0.5207$ ($duv=-1.85e-03$)

$T_c=2904K$ Dominant WL: $L_d=583.9nm$ Purity=52.7% Centroid WL: $591.0nm$

Ratio: $R=25.5\%$ $G=72.3\%$ $B=2.2\%$ Peak WL: $L_p=605.0nm$ HWL: $119.7nm$

Render Index: $R_a=82.6$

$R_1=81$ $R_2=92$ $R_3=95$ $R_4=81$ $R_5=82$ $R_6=90$ $R_7=81$

$R_8=58$ $R_9=6$ $R_{10}=82$ $R_{11}=81$ $R_{12}=75$ $R_{13}=84$ $R_{14}=98$ $R_{15}=74$

Photo Parameters:

Flux: $3820.5 lm$ $F_e=11.718 W$ Efficacy: $157.8 lm/W$

Electrical Parameters:

Luminaire: $U=230.3V$ $I=0.1088A$ $P=24.21W$ $PF=0.9660$

Instrument Status:

Scan Range: $380.0nm-780.0nm$ Interval: $5.0nm[0]$
REF=7803 (R=3) $\%=-0.453\%$

$I_p=30482 (G=4, D=53)$

PMT: 29.2 centigrade [27.0]

Product Type: LB01CC-24-1480K-30H-R8

Number: 3

Temperature: $25.3 deg$

Test Operator: IPQC

Software: V2.00.125

Manufacturer:

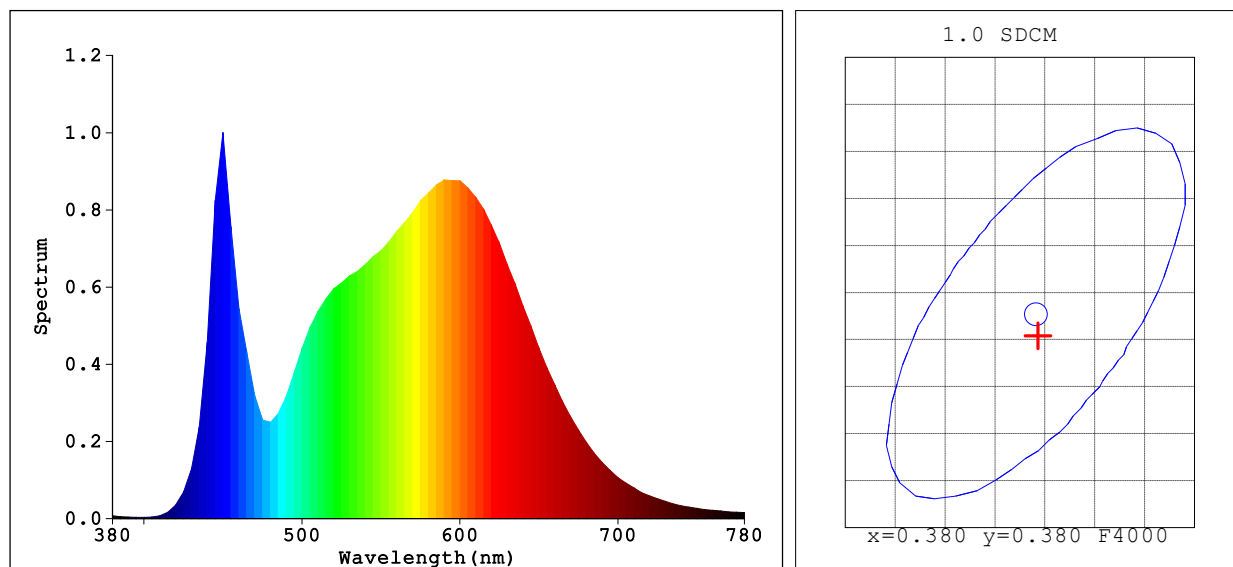
Test Department: QC

Humidity: 65.0%

Test Date: 2023-07-12 19:17:48

Instrument: PMS-80_V1 (SN: 1004010)

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3802$ $y=0.3781$

Chromaticity Coordinate: $u'=0.2244$ $v'=0.5022$ ($duv=7.29e-04$)

$T_c=4017K$ Dominant WL: $L_d=578.6nm$ Purity=27.6% Centroid WL: 569.0nm

Ratio: R=19.8% G=77.0% B=3.3% Peak WL: $L_p=450.0nm$ HWL: 21.4nm

Render Index: $R_a=83.4$

R1 =82 R2 =89 R3 =95 R4 =83 R5 =82 R6 =85 R7 =86

R8 =65 R9 =8 R10=75 R11=82 R12=63 R13=84 R14=98 R15=75

Photo Parameters:

Flux: 4126.9 lm Fe: 12.505 W Efficacy: 170.4 lm/W

Electrical Parameters:

Luminaire: U=230.2V I=0.1089A P=24.22W PF=0.9662

Instrument Status:

Scan Range: 380.0nm-780.0nm Interval: 5.0nm[0]
REF=8328 (R=3) $\% = 0.414\%$

$I_p=53253$ ($G=4, D=52$)
PMT: 29.3 centigrade [27.1]

Product Type: LB01CC-24-1480K-40H-R8

Number: 4

Temperature: 25.3 deg

Test Operator: IPQC

Software: V2.00.125

Manufacturer:

Test Department: QC

Humidity: 65.0%

Test Date: 2023-07-12 19:20:01

Instrument: PMS-80_V1 (SN: 1004010)