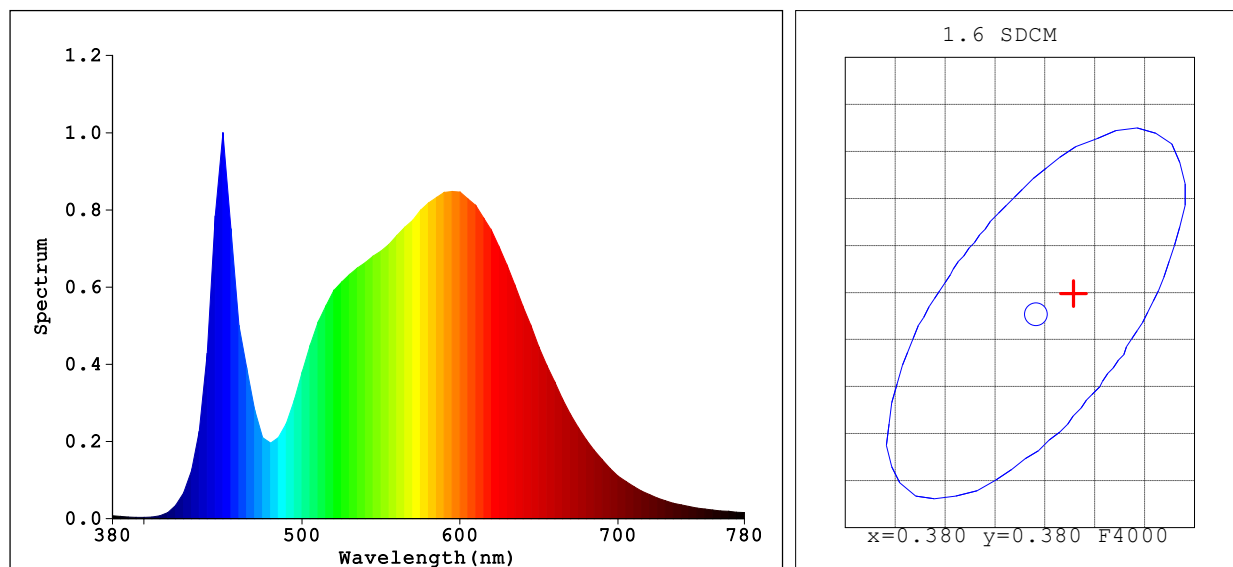


## Light Source Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.3832$   $y=0.3818$

Chromaticity Coordinate:  $u'=0.2249$   $v'=0.5042$  ( $duv=1.53e-03$ )

$T_c=3963K$  Dominant WL:  $L_d=578.4nm$  Purity=29.6% Centroid WL:  $571.0nm$

Ratio:  $R=19.8\%$   $G=77.3\%$   $B=2.9\%$  Peak WL:  $L_p=450.0nm$  HWL:  $19.0nm$

Render Index:  $R_a=82.3$

$R_1=81$   $R_2=87$   $R_3=93$   $R_4=82$   $R_5=81$   $R_6=82$   $R_7=87$

$R_8=65$   $R_9=9$   $R_{10}=70$   $R_{11}=82$   $R_{12}=58$   $R_{13}=82$   $R_{14}=96$   $R_{15}=75$

## Photo Parameters:

Flux:  $4122.8 lm$   $F_e=12.420 W$  Efficacy:  $166.8 lm/W$

## Electrical Parameters:

Luminaire:  $U=228.9V$   $I=0.1117A$   $P=24.72W$   $PF=0.9669$

## Instrument Status:

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

REF=8470 ( $R=3$ )

$\% = 0.346\%$

$I_p=56490 (G=4, D=52)$

PMT:  $28.0$  centigrade [ $26.6$ ]

Product Type: LB01CC-24-1180K-40H-R8-MC Manufacturer:

Number: 2

Temperature:  $25.3 deg$

Test Operator: IPQC

Software: V2.00.125

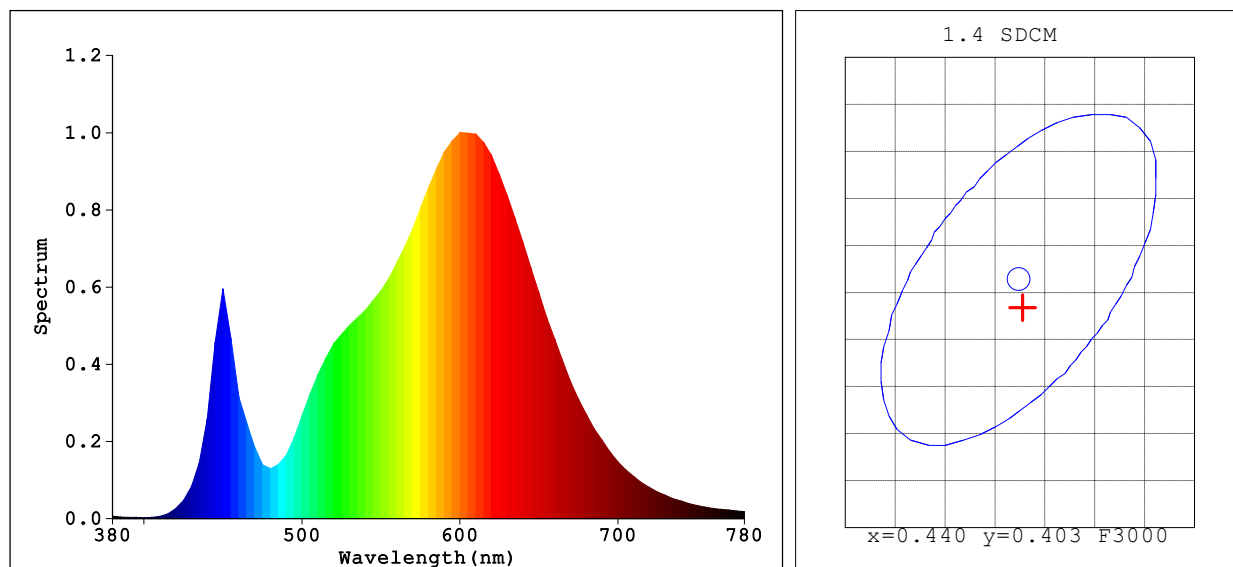
Test Department: QC

Humidity:  $65.0\%$

Test Date: 2023-09-05 09:29:13

Instrument: PMS-80\_V1 (SN: 1004010)

## Light Source Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4403$   $y=0.4006$

Chromaticity Coordinate:  $u'=0.2543$   $v'=0.5205$  ( $duv=-1.84e-03$ )

$T_c=2915K$  Dominant WL:  $L_d=583.9nm$  Purity=52.4% Centroid WL: 591.0nm

Ratio:  $R=25.3\%$   $G=72.8\%$   $B=1.9\%$  Peak WL:  $L_p=600.0nm$  HWL: 126.6nm

Render Index:  $R_a=81.8$

$R_1=80$   $R_2=90$   $R_3=96$   $R_4=80$   $R_5=80$   $R_6=87$   $R_7=82$

$R_8=58$   $R_9=5$   $R_{10}=76$   $R_{11}=80$   $R_{12}=68$   $R_{13}=82$   $R_{14}=98$   $R_{15}=73$

## Photo Parameters:

Flux: 3843.6 lm Fe: 11.691 W Efficacy: 156.8 lm/W

## Electrical Parameters:

Luminaire:  $U=228.9V$   $I=0.1108A$   $P=24.51W$   $PF=0.9666$

## Instrument Status:

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

REF=7987 (R=3)

$\lambda=-0.355\%$

$I_p=32563$  ( $G=4, D=52$ )

PMT: 28.3 centigrade [26.9]

Product Type: LB01CC-24-1180K-30H-R8-MC Manufacturer:

Number: 3

Temperature: 25.3 deg

Test Operator: IPQC

Software: V2.00.125

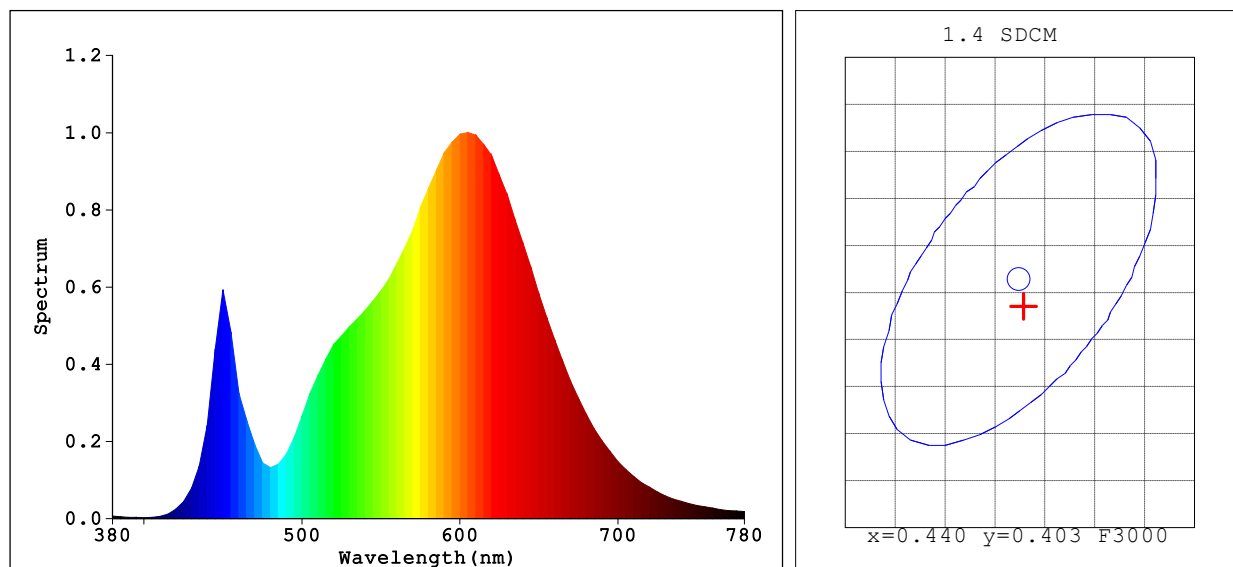
Test Department: QC

Humidity: 65.0%

Test Date: 2023-09-05 09:30:53

Instrument: PMS-80\_V1 (SN: 1004010)

## Light Source Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4404$   $y=0.4007$ Chromaticity Coordinate:  $u'=0.2543$   $v'=0.5206$  ( $duv=-1.81e-03$ )

Tc=2914K Dominant WL:Ld=583.8nm Purity=52.5% Centroid WL:591.0nm

Ratio:R=25.3% G=72.7% B=1.9% Peak WL:Lp=605.0nm HWL:125.9nm

Render Index:Ra=81.8

R1 =80 R2 =90 R3 =96 R4 =80 R5 =80 R6 =87 R7 =82

R8 =58 R9 =5 R10=77 R11=80 R12=68 R13=83 R14=98 R15=73

## Photo Parameters:

Flux: 2961.4 lm Fe: 9.0122 W Efficacy:159.1 lm/W

## Electrical Parameters:

Luminaire: U=228.9V I=0.08618A P=18.61W PF=0.9433

## Instrument Status:

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

REF=6176 (R=3)

%=-0.560%

Ip=25039 (G=4,D=52)

PMT: 28.4 centigrade [27.1]

Product Type:LB01CC-18-1180K-30H-R8-MC Manufacturer:

Number:4

Test Department:QC

Temperature:25.3 deg

Humidity:65.0%

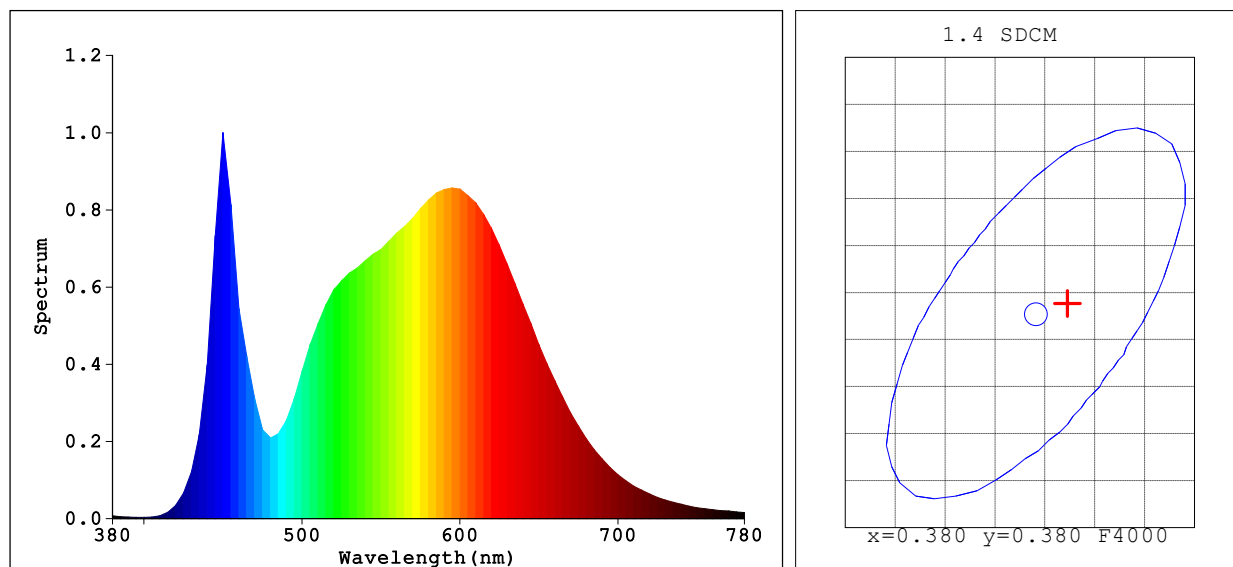
Test Operator:IPQC

Test Date:2023-09-05 09:32:24

Software:V2.00.125

Instrument:PMS-80\_V1 (SN:1004010)

## Light Source Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.3827$   $y=0.3809$ Chromaticity Coordinate:  $u'=0.2249$   $v'=0.5037$  ( $duv=1.29e-03$ )

Tc=3970K Dominant WL:Ld=578.5nm Purity=29.2% Centroid WL:571.0nm

Ratio:R=19.8% G=77.2% B=3.0% Peak WL:Lp=450.0nm HWL:20.3nm

Render Index:Ra=82.6

R1 =81 R2 =88 R3 =93 R4 =82 R5 =81 R6 =83 R7 =87

R8 =66 R9 =9 R10=71 R11=81 R12=58 R13=83 R14=96 R15=75

## Photo Parameters:

Flux: 3115.1 lm Fe: 9.4123 W Efficacy:168.5 lm/W

## Electrical Parameters:

Luminaire: U=229.0V I=0.08566A P=18.49W PF=0.9426

## Instrument Status:

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

REF=6423 (R=3)

%=-0.567%

Ip=42556 (G=4,D=52)

PMT: 28.4 centigrade [27.2]

Product Type:LB01CC-18-1180K-40H-R8-MC Manufacturer:

Number:5

Test Department:QC

Temperature:25.3 deg

Humidity:65.0%

Test Operator:IPQC

Test Date:2023-09-05 09:33:45

Software:V2.00.125

Instrument:PMS-80\_V1 (SN:1004010)