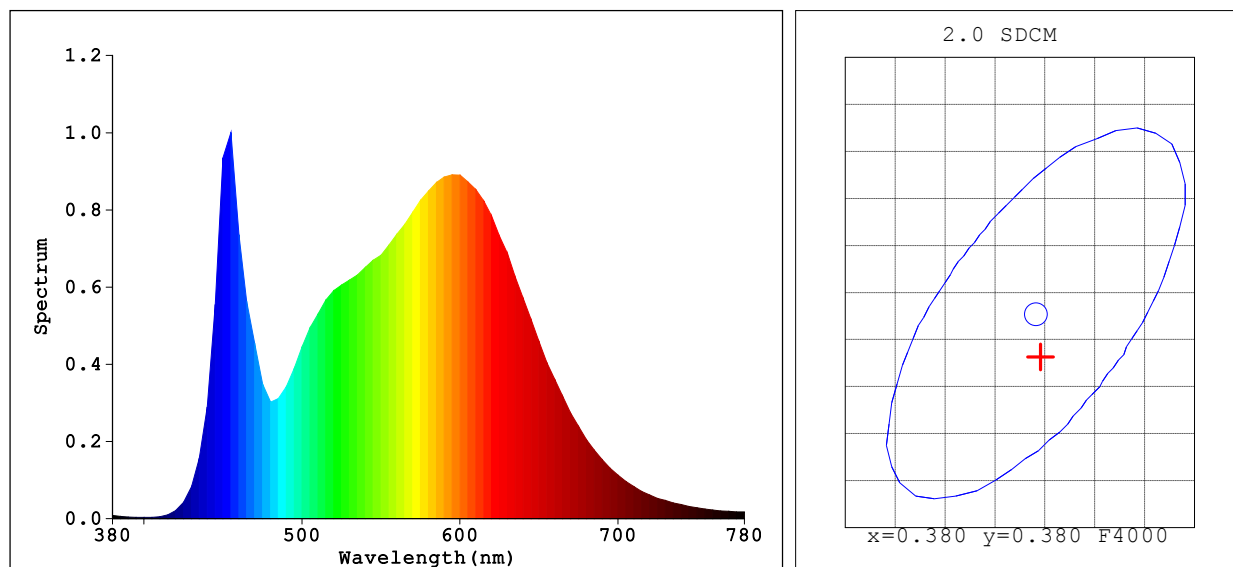


## Light Source Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.3804$   $y=0.3763$

Chromaticity Coordinate:  $u'=0.2252$   $v'=0.5014$  ( $duv=-1.81e-04$ )

$T_c=3999K$  Dominant WL:  $L_d=579.2nm$  Purity=27.1% Centroid WL: 570.0nm

Ratio:  $R=20.2\%$   $G=76.2\%$   $B=3.6\%$  Peak WL:  $L_p=455.0nm$  HWL: 23.9nm

Render Index:  $R_a=85.0$

$R_1=84$   $R_2=93$   $R_3=96$   $R_4=83$   $R_5=84$   $R_6=89$   $R_7=86$

$R_8=66$   $R_9=15$   $R_{10}=82$   $R_{11}=83$   $R_{12}=64$   $R_{13}=87$   $R_{14}=99$   $R_{15}=78$

## Photo Parameters:

Flux: 1866.1 lm Fe: 5.7203 W Efficacy: 161.9 lm/W

## Electrical Parameters:

Luminaire:  $U=228.9V$   $I=0.05550A$   $P=11.53W$   $PF=0.9073$

## Instrument Status:

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

REF=37850 ( $R=4$ )

$\%=-0.506\%$

$I_p=25852$  ( $G=4, D=53$ )

PMT: 28.3 centigrade [27.3]

Product Type: LB01CC-12-0874K-40H-R8-MC Manufacturer:

Number: 22

Temperature: 25.3 deg

Test Operator: IPQC

Software: V2.00.125

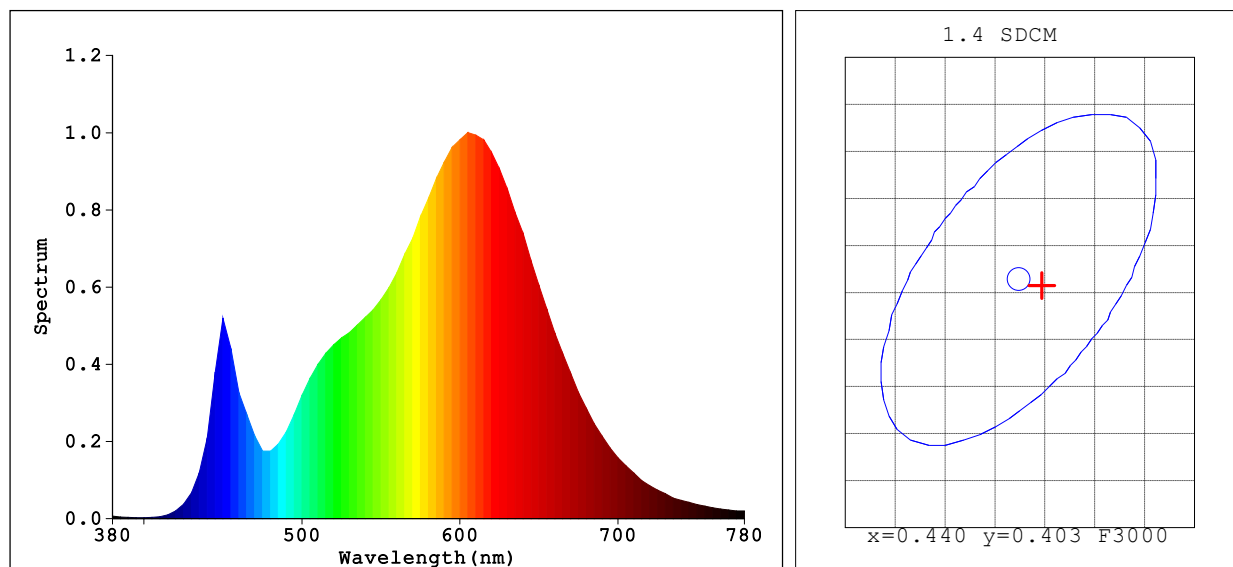
Test Department: QC

Humidity: 65.0%

Test Date: 2023-09-04 20:04:48

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

## Light Source Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4420$   $y=0.4025$

Chromaticity Coordinate:  $u'=0.2545$   $v'=0.5215$  ( $duv=-1.30e-03$ )

$T_c=2903K$  Dominant WL:  $L_d=583.7nm$  Purity=53.5% Centroid WL: 592.0nm

Ratio:  $R=25.8\%$   $G=72.0\%$   $B=2.3\%$  Peak WL:  $L_p=605.0nm$  HWL: 123.8nm

Render Index:  $R_a=84.6$

$R_1=84$   $R_2=93$   $R_3=96$   $R_4=83$   $R_5=84$   $R_6=92$   $R_7=83$

$R_8=61$   $R_9=14$   $R_{10}=84$   $R_{11}=84$   $R_{12}=77$   $R_{13}=86$   $R_{14}=98$   $R_{15}=76$

## Photo Parameters:

Flux: 1655.7 lm Fe: 5.1268 W Efficacy: 145.3 lm/W

## Electrical Parameters:

Luminaire:  $U=228.9V$   $I=0.05498A$   $P=11.39W$   $PF=0.9053$

## Instrument Status:

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

REF=33963 ( $R=4$ )

$\%=-0.327\%$

$I_p=45220$  ( $G=5, D=55$ )

PMT: 28.4 centigrade [27.5]

Product Type: LB01CC-12-0874K-30H-R8-MC Manufacturer:

Number: 23

Temperature: 25.3 deg

Test Operator: IPQC

Software: V2.00.125

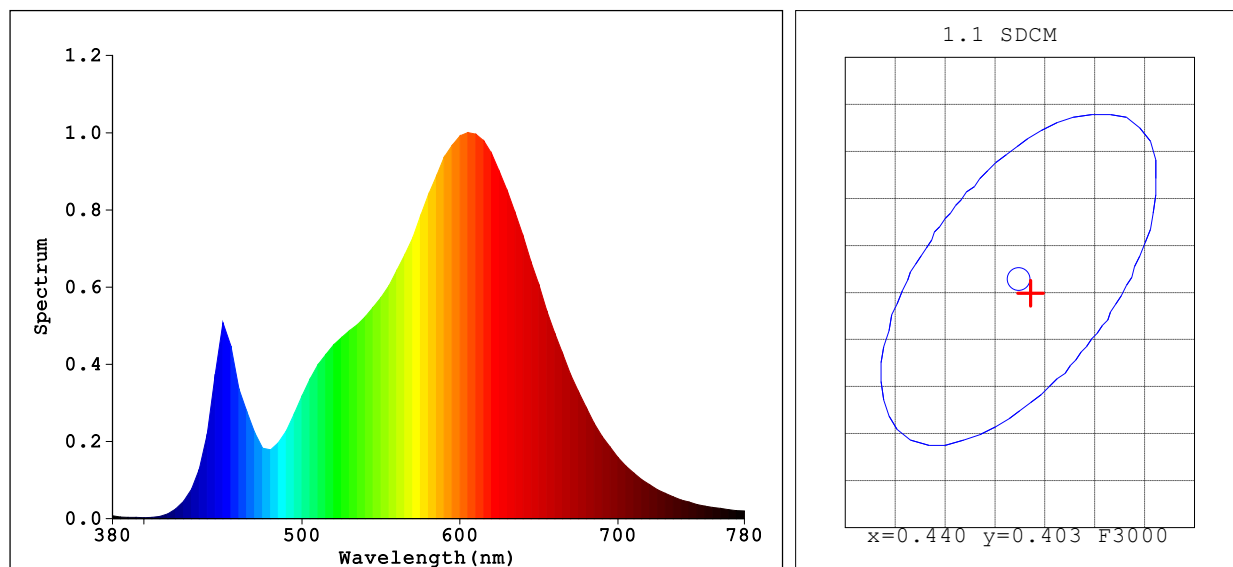
Test Department: QC

Humidity: 65.0%

Test Date: 2023-09-04 20:08:46

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

## Light Source Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4410$   $y=0.4018$

Chromaticity Coordinate:  $u'=0.2542$   $v'=0.5211$  ( $duv=-1.44e-03$ )

$T_c=2914K$  Dominant WL:  $L_d=583.7nm$  Purity=53.0% Centroid WL: 592.0nm

Ratio:  $R=25.7\%$   $G=72.0\%$   $B=2.3\%$  Peak WL:  $L_p=605.0nm$  HWL: 124.0nm

Render Index:  $R_a=84.3$

$R_1=83$   $R_2=93$   $R_3=96$   $R_4=83$   $R_5=84$   $R_6=92$   $R_7=83$

$R_8=61$   $R_9=13$   $R_{10}=84$   $R_{11}=84$   $R_{12}=77$   $R_{13}=86$   $R_{14}=99$   $R_{15}=76$

## Photo Parameters:

Flux: 2442.7 lm Fe: 7.5655 W Efficacy: 139.1 lm/W

## Electrical Parameters:

Luminaire:  $U=228.9V$   $I=0.08020A$   $P=17.56W$   $PF=0.9564$

## Instrument Status:

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

REF=50056 (R=4)

$\% = 0.835\%$

$I_p=19681$  ( $G=4, D=53$ )

PMT: 28.6 centigrade [27.5]

Product Type: LB01CC-18-0874K-30H-R8-MC Manufacturer:

Number: 24

Temperature: 25.3 deg

Test Operator: IPQC

Software: V2.00.125

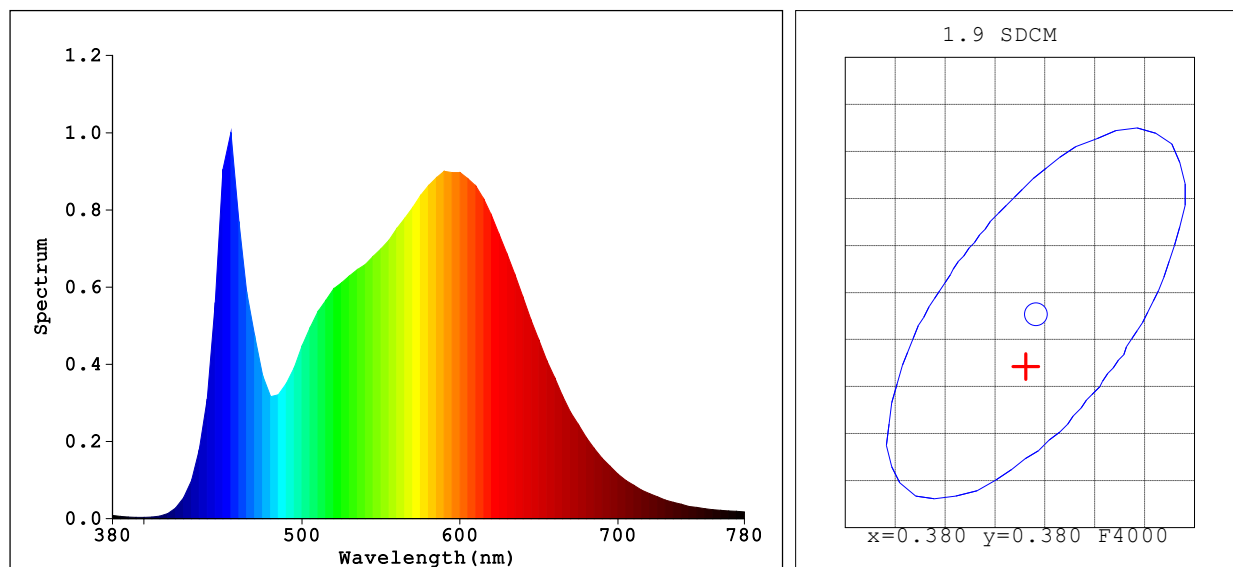
Test Department: QC

Humidity: 65.0%

Test Date: 2023-09-04 20:12:07

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

## Light Source Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3791$   $y=0.3755$

Chromaticity Coordinate:  $u'=0.2247$   $v'=0.5008$  ( $duv=-1.87e-04$ )

$T_c=4028K$  Dominant WL:  $L_d=579.1nm$  Purity=26.5% Centroid WL:  $569.0nm$

Ratio:  $R=20.0\%$   $G=76.3\%$   $B=3.7\%$  Peak WL:  $L_p=455.0nm$  HWL:  $25.1nm$

Render Index:  $R_a=84.7$

$R_1=84$   $R_2=92$   $R_3=96$   $R_4=82$   $R_5=84$   $R_6=89$   $R_7=85$

$R_8=66$   $R_9=14$   $R_{10}=81$   $R_{11}=82$   $R_{12}=64$   $R_{13}=86$   $R_{14}=99$   $R_{15}=78$

### Photo Parameters:

Flux:  $2707.6 lm$   $F_e=8.3151 W$  Efficacy:  $155.7 lm/W$

### Electrical Parameters:

Luminaire:  $U=228.9V$   $I=0.07953A$   $P=17.39W$   $PF=0.9556$

#### Instrument Status:

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

REF=54864 ( $R=4$ )  $\%=-0.908\%$

$I_p=37045 (G=4, D=53)$

PMT:  $28.7$  centigrade [ $27.6$ ]

Product Type: LB01CC-18-0874K-40H-R8-MC Manufacturer:

Number: 25

Test Department: QC

Temperature:  $25.3 deg$

Humidity:  $65.0\%$

Test Operator: IPQC

Test Date: 2023-09-04 20:14:07

Software: V2.00.125

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