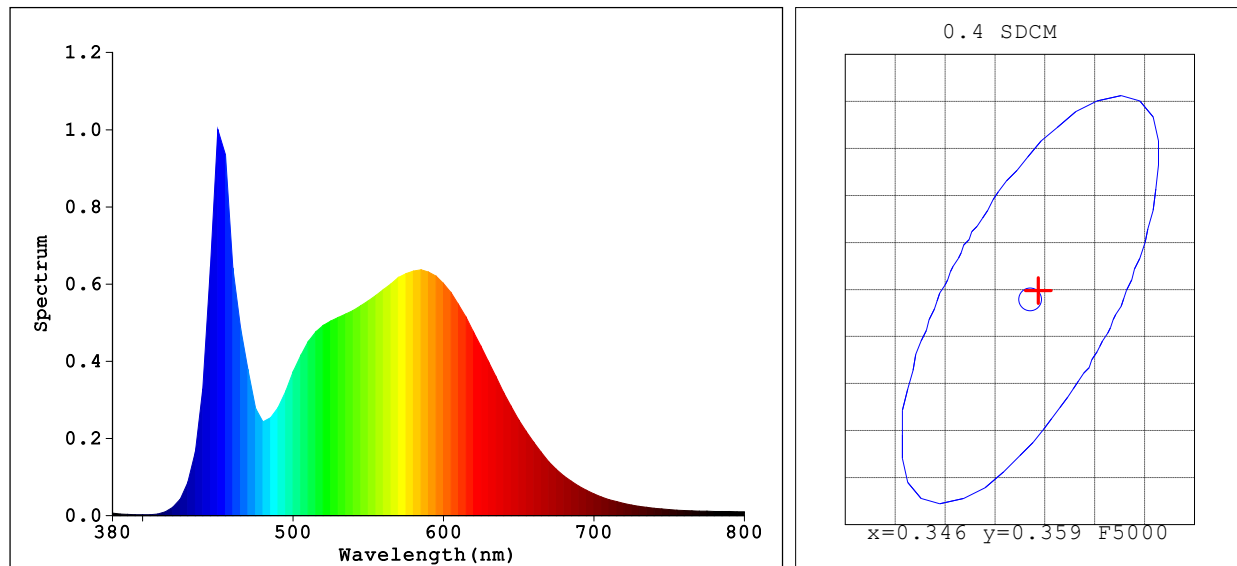


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3467 y=0.3598

Chromaticity Coordinate: u'=0.2094 v'=0.4888 (duv=3.42e-03)

Tc=4969K Dominant WL:Ld=570.1nm Purity=12.0% Centroid WL:554.0nm

Ratio: R=16.6% G=79.2% B=4.2% Peak WL:Lp=450.0nm HWL:21.9nm

Render Index: Ra=80.8

R1 =78 R2 =88 R3 =94 R4 =78 R5 =78 R6 =83 R7 =85

R8 =61 R9 =-9 R10=72 R11=77 R12=53 R13=81 R14=97 R15=71

Photo Parameters:

Flux: 12348 lm Fe: 37.453 W Efficacy:163.1 lm/W

Electrical Parameters:

Luminaire: U=240.6V I=0.3264A P=75.72W PF=0.9643

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=31797(R=3) %=0.379%

Ip=54788(G=3,D=51)

PMT: 25.9 centigrade [25.7]

1.26

Product Type:T21EP-LC-80-1500K-50H-R8 Manufacturer:ERVAN

Number:1

Test Department:QC

Temperature:25.3 deg

Humidity:65.0%

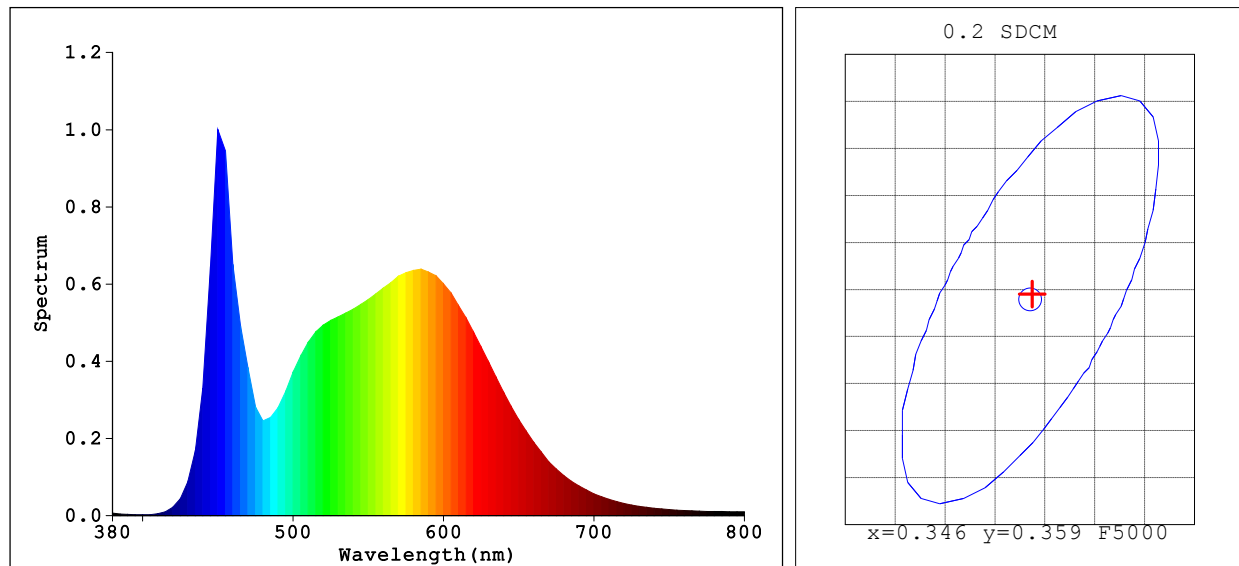
Test Operator:QC-WEN

Test Date:2021-01-05 15:56:55

Software:V2.00.125

Instrument:PMS-80_V1 (SN:1004010)

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3462$ $y=0.3595$

Chromaticity Coordinate: $u'=0.2091$ $v'=0.4886$ ($duv=3.47e-03$)

$T_c=4986K$ Dominant WL: $L_d=569.8nm$ Purity=11.7% Centroid WL: $554.0nm$

Ratio: $R=16.6\%$ $G=79.2\%$ $B=4.2\%$ Peak WL: $L_p=450.0nm$ HWL: $22.0nm$

Render Index: $R_a=80.6$

$R_1=78$ $R_2=88$ $R_3=94$ $R_4=78$ $R_5=78$ $R_6=82$ $R_7=85$

$R_8=61$ $R_9=-9$ $R_{10}=71$ $R_{11}=77$ $R_{12}=53$ $R_{13}=81$ $R_{14}=97$ $R_{15}=71$

Photo Parameters:

Flux: $12320 lm$ $F_e=37.375 W$ Efficacy: $163.6 lm/W$

Electrical Parameters:

Luminaire: $U=230.2V$ $I=0.3379A$ $P=75.29W$ $PF=0.9681$

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$

REF=31721 ($R=3$)

$\%=-0.417\%$

$I_p=54563 (G=3, D=52)$

PMT: 26.1 centigrade [25.9]

1.26

Product Type: T21EP-LC-80-1500K-50H-R8 Manufacturer: ERVAN

Number: 2

Test Department: QC

Temperature: $25.3 deg$

Humidity: 65.0%

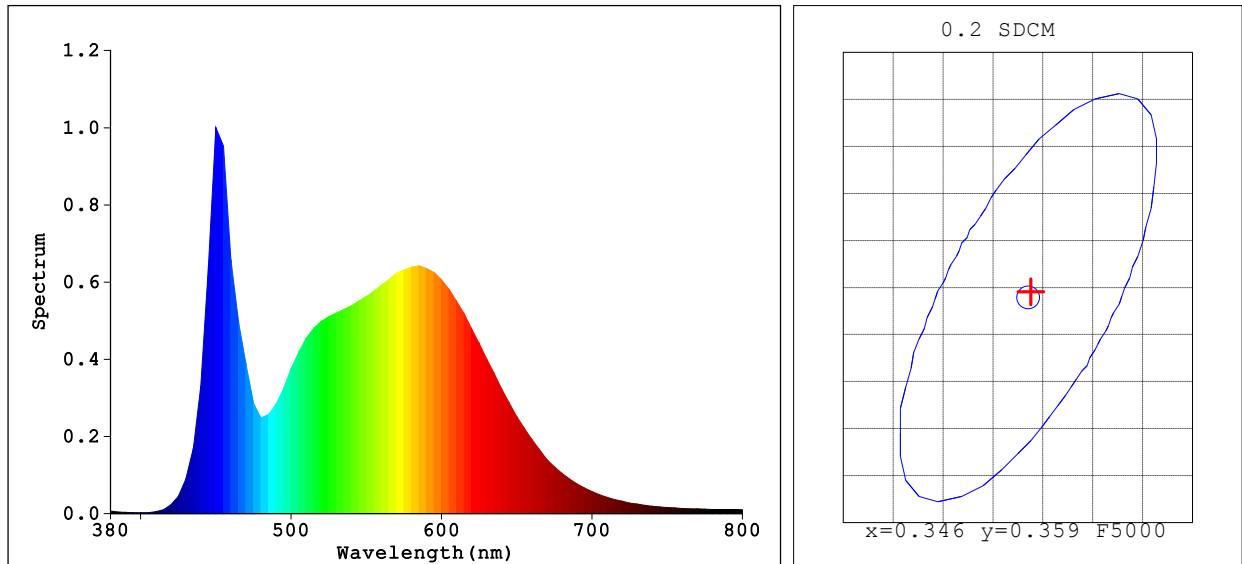
Test Operator: QC-WEN

Test Date: 2021-01-05 15:58:50

Software: V2.00.125

Instrument: PMS-80_V1 (SN:1004010)

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3462$ $y=0.3595$

Chromaticity Coordinate: $u'=0.2091$ $v'=0.4886$ ($duv=3.47e-03$)

$T_c=4986K$ Dominant WL: $L_d=569.8nm$ Purity=11.8% Centroid WL: $554.0nm$

Ratio: $R=16.6\%$ $G=79.2\%$ $B=4.2\%$ Peak WL: $L_p=450.0nm$ HWL: $22.2nm$

Render Index: $R_a=80.8$

$R_1=78$ $R_2=88$ $R_3=94$ $R_4=78$ $R_5=78$ $R_6=83$ $R_7=85$

$R_8=61$ $R_9=-8$ $R_{10}=72$ $R_{11}=77$ $R_{12}=53$ $R_{13}=81$ $R_{14}=97$ $R_{15}=71$

Photo Parameters:

Flux: $12248 lm$ $F_e=37.184 W$ Efficacy: $163.4 lm/W$

Electrical Parameters:

Luminaire: $U=219.5V$ $I=0.3513A$ $P=74.95W$ $PF=0.9717$

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$

REF=31536 ($R=3$) $\%=-0.219\%$

$I_p=53860$ ($G=3, D=52$)

PMT: 26.1 centigrade [26.2]

1.26

Product Type: T21EP-LC-80-1500K-50H-R8 Manufacturer: ERVAN

Number: 3

Test Department: QC

Temperature: $25.3 deg$

Humidity: 65.0%

Test Operator: QC-WEN

Test Date: 2021-01-05 16:00:20

Software: V2.00.125

Instrument: PMS-80_V1 (SN:1004010)