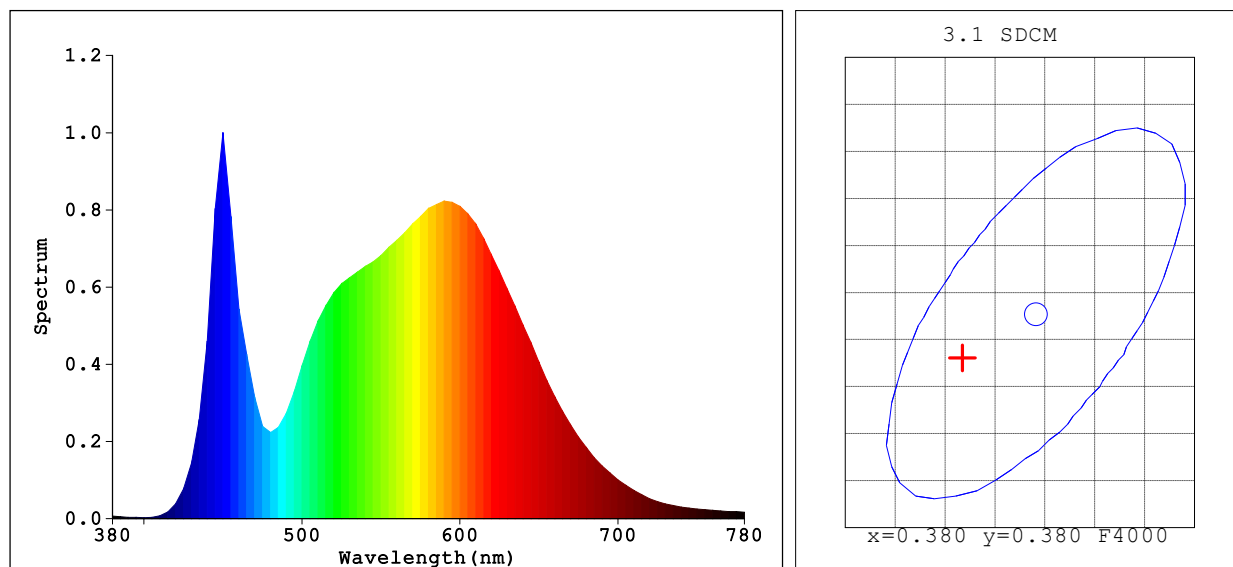


## Light Source Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3736$   $y=0.3763$

Chromaticity Coordinate:  $u'=0.2208$   $v'=0.5004$  ( $duv=1.82e-03$ )

$T_c=4186K$  Dominant WL:  $L_d=577.3nm$  Purity=25.0% Centroid WL:  $566.0nm$

Ratio:  $R=18.9\%$   $G=77.9\%$   $B=3.2\%$  Peak WL:  $L_p=450.0nm$  HWL:  $21.3nm$

Render Index:  $R_a=81.8$

$R_1=80$   $R_2=87$   $R_3=93$   $R_4=81$   $R_5=80$   $R_6=82$   $R_7=86$

$R_8=64$   $R_9=3$   $R_{10}=70$   $R_{11}=80$   $R_{12}=58$   $R_{13}=81$   $R_{14}=96$   $R_{15}=73$

### Photo Parameters:

Flux:  $4692.8 lm$   $F_e=14.148 W$  Efficacy:  $123.0 lm/W$

### Electrical Parameters:

Luminaire:  $U=230.4V$   $I=0.1717A$   $P=38.15W$   $PF=0.9646$

#### Instrument Status:

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

REF=10539 ( $R=3$ )  $\%=-0.048\%$

$I_p=12999 (G=3, D=53)$

PMT:  $31.1$  centigrade [ $29.8$ ]

Product Type: P47-40W-1203-4000K  
Number: 14  
Temperature:  $25.3 deg$   
Test Operator: QC  
Software: V2.00.125

Manufacturer: ERVAN  
Test Department: ERVAN  
Humidity:  $65.0\%$   
Test Date: 2020-10-16 17:28:36  
Instrument: PMS-80\_V1 (SN:1004010)