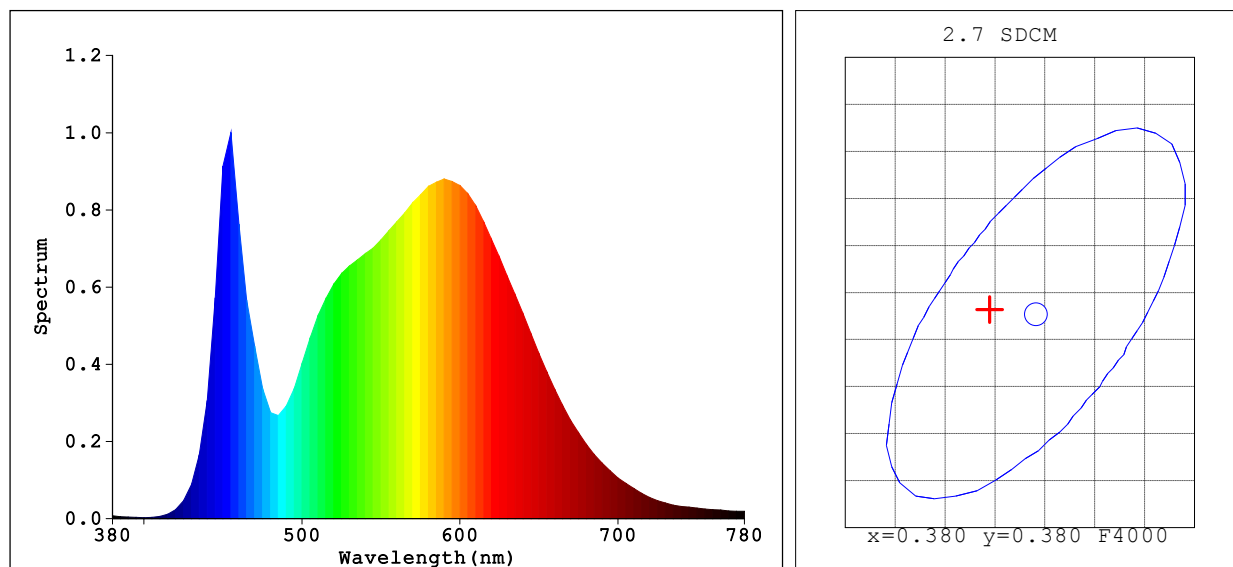


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3760$ $y=0.3804$

Chromaticity Coordinate: $u'=0.2208$ $v'=0.5025$ ($duv=3.03e-03$)

$T_c=4149K$ Dominant WL: $L_d=576.8nm$ Purity=27.0% Centroid WL: $567.0nm$

Ratio: $R=18.9\%$ $G=77.7\%$ $B=3.4\%$ Peak WL: $L_p=455.0nm$ HWL: $24.1nm$

Render Index: $R_a=81.6$

$R_1=79$ $R_2=88$ $R_3=95$ $R_4=79$ $R_5=79$ $R_6=84$ $R_7=86$

$R_8=62$ $R_9=1$ $R_{10}=72$ $R_{11}=78$ $R_{12}=55$ $R_{13}=82$ $R_{14}=97$ $R_{15}=73$

Photo Parameters:

Flux: $5123.7 lm$ $F_e=15.330 W$ Efficacy: $129.3 lm/W$

Electrical Parameters:

Luminaire: $U=228.1V$ $I=0.1794A$ $P=39.64W$ $PF=0.9683$

Instrument Status:

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

REF=11806 ($R=3$) $\%=-0.017\%$

$I_p=14120 (G=3, D=52)$

PMT: 31.4 centigrade [29.4]

Product Type: P47-40W-4000K

Number: 6

Temperature: $25.3 deg$

Test Operator: QC-WEN

Software: V2.00.125

Manufacturer: ERVAN

Test Department: ERVAN

Humidity: 65.0%

Test Date: 2020-09-27 18:30:29

Instrument: PMS-80_V1 (SN:1004010)