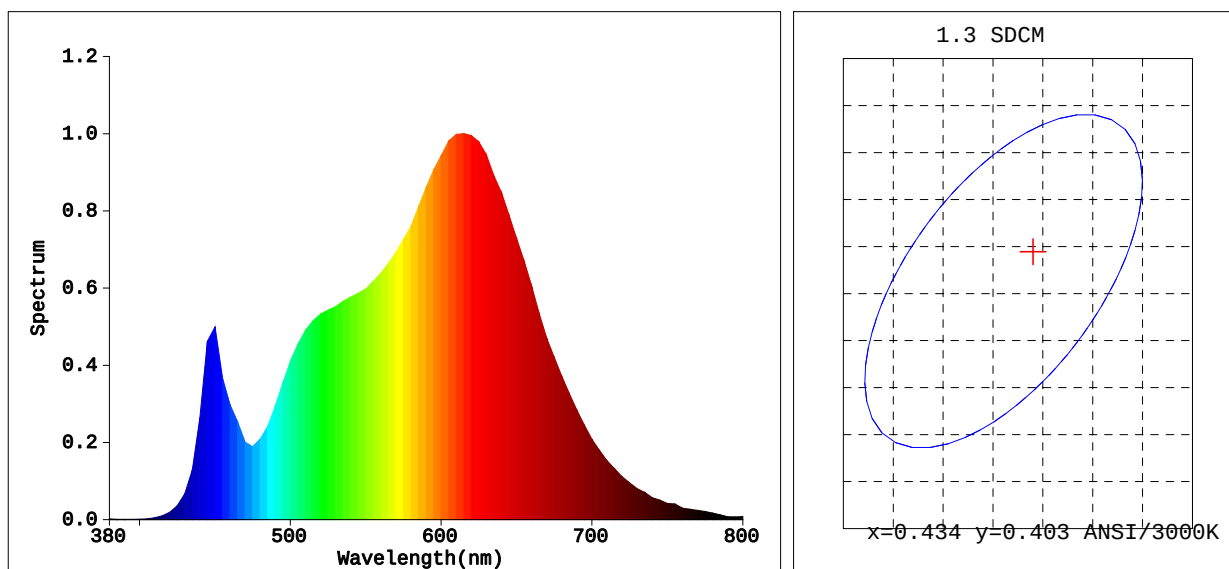


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4363$ $y=0.4055$ $u'=0.2496$ $v'=0.5219$

$T_c=3022K$ Dominant WL: $L_d=582.5nm$ Purity=52.7% Centroid WL: $595.0nm$

Ratio: $R=26.0\%$ $G=71.5\%$ $B=2.5\%$ Peak WL: $L_p=615.0nm$ HWL: $155.7nm$

Render Index: $R_a=93.0$

$R_1=94$ $R_2=97$ $R_3=99$ $R_4=95$ $R_5=94$ $R_6=97$ $R_7=91$

$R_8=78$ $R_9=50$ $R_{10}=93$ $R_{11}=97$ $R_{12}=86$ $R_{13}=95$ $R_{14}=99$ $R_{15}=87$

Photo Parameters:

Flux: $871.91 lm$ $Fe: 2.5955 W$ Efficacy: $97.77 lm/W$

LEVEL: OUT WHITE: ANSI_3000K

Electrical Parameters:

Luminaire: $U=48.00V$ $I=0.1858A$ $P=8.918W$ $PF=1.000$

Instrument Status:

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

REF=10741($R=4$)

$\%=-0.254\%$

$I_p=2706(G=3, D=57)$

PMT: 28.4 centigrade [150.0]

Product Type: U23SP-A10C1 SBK 3000K [CMAU] Manufacturer: KOE Lighting Ltd.

Number: 1

Temperature: $25.3 deg$

Test Operator: Judy

Software: V2.00.100

Test Department: KOE Lighting Ltd.

Humidity: 65.0%

Test Date: 2026-08-07 09:49:53

Instrument: PMS-80_V1 (SN: 1011009)