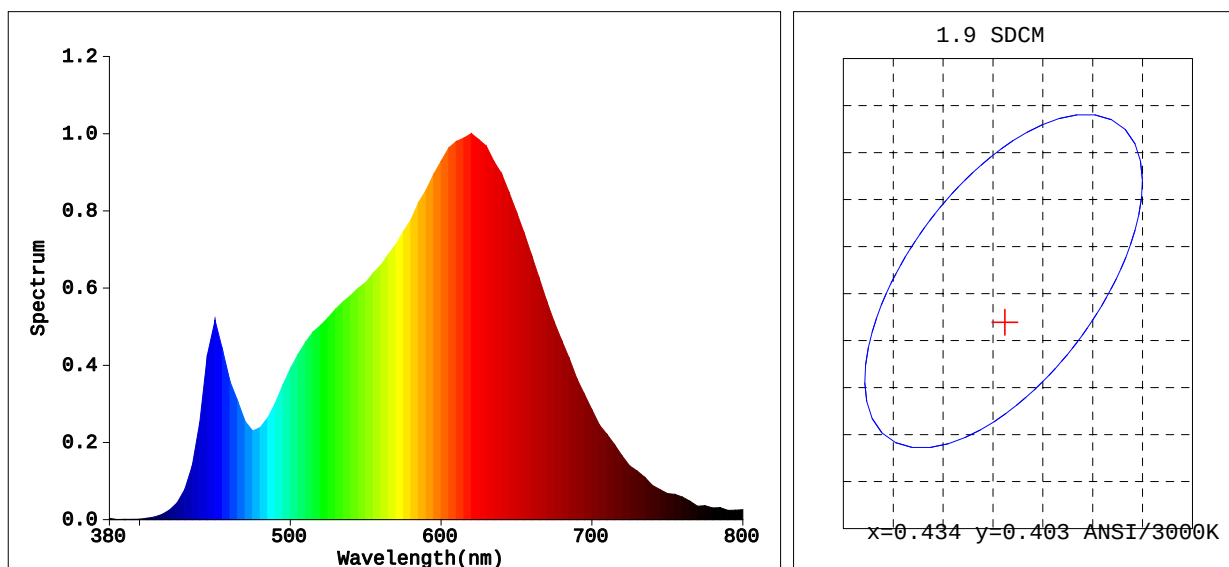


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4339$ $y=0.3995$ $u'=0.2506$ $v'=0.5191$

Tc=3014K Dominant WL:Ld=583.3nm Purity=50.1% Centroid WL:598.0nm

Ratio:R=26.0% G=71.3% B=2.7% Peak WL:Lp=620.0nm HWL:157.1nm

Render Index:Ra=93.3

R1 =94 R2 =97 R3 =99 R4 =94 R5 =94 R6 =96 R7 =91

R8 =81 R9 =58 R10=93 R11=96 R12=86 R13=95 R14=99 R15=89

Photo Parameters:

Flux: 481.82 lm Fe: 1.5610 W Efficacy:86.61 lm/W

LEVEL:OUT WHITE:OUT

Electrical Parameters:

Luminaire: U=48.00V I=0.1159A P=5.563W PF=1.000

Instrument Status:

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

REF=6174(R=4) %=-0.297%

Ip=1640(G=3,D=56)

PMT: 27.3 centigrade [150.0]

Product Type:U23GR-TA6S1 SBK 3000K[CRI=93, Ra=93.3, R15=89, R20=92.0, R25=91.0, R50=90.0, R90=89.0]

Number:1

Temperature:25.3 deg

Test Operator:Judy

Software:V2.00.100

Test Department:KOE Lighting Ltd.

Humidity:65.0%

Test Date:2026-07-24 16:17:59

Instrument:PMS-80_V1 (SN:1011009)