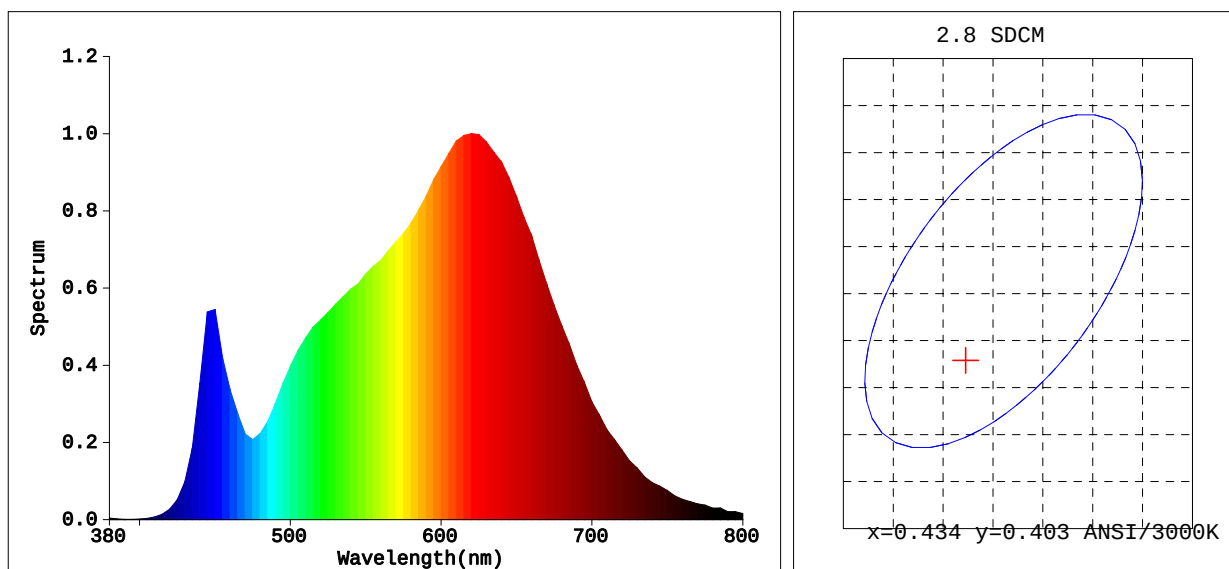


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4305$ $y=0.3962$ $u'=0.2498$ $v'=0.5173$

Tc=3046K Dominant WL:Ld=583.5nm Purity=48.1% Centroid WL:599.0nm

Ratio:R=26.0% G=71.4% B=2.6% Peak WL:Lp=620.0nm HWL:164.8nm

Render Index:Ra=94.2

R1 =95 R2 =97 R3 =97 R4 =95 R5 =95 R6 =96 R7 =93

R8 =85 R9 =66 R10=92 R11=96 R12=87 R13=96 R14=98 R15=92

Photo Parameters:

Flux: 770.99 lm Fe: 2.4798 W Efficacy:79.52 lm/W

LEVEL:OUT WHITE:ANSI_3000K

Electrical Parameters:

Luminaire: U=48.00V I=0.2020A P=9.696W PF=1.000

Instrument Status:

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

REF=9728(R=4)

%=-0.104%

Ip=2576(G=3,D=56)

PMT: 25.4 centigrade [150.0]

Product Type:M20GR-TB12S1 SBK 3000K[On-site] 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:2026-01-19 16:00:48

Instrument:PMS-80_V1 (SN:1011009)