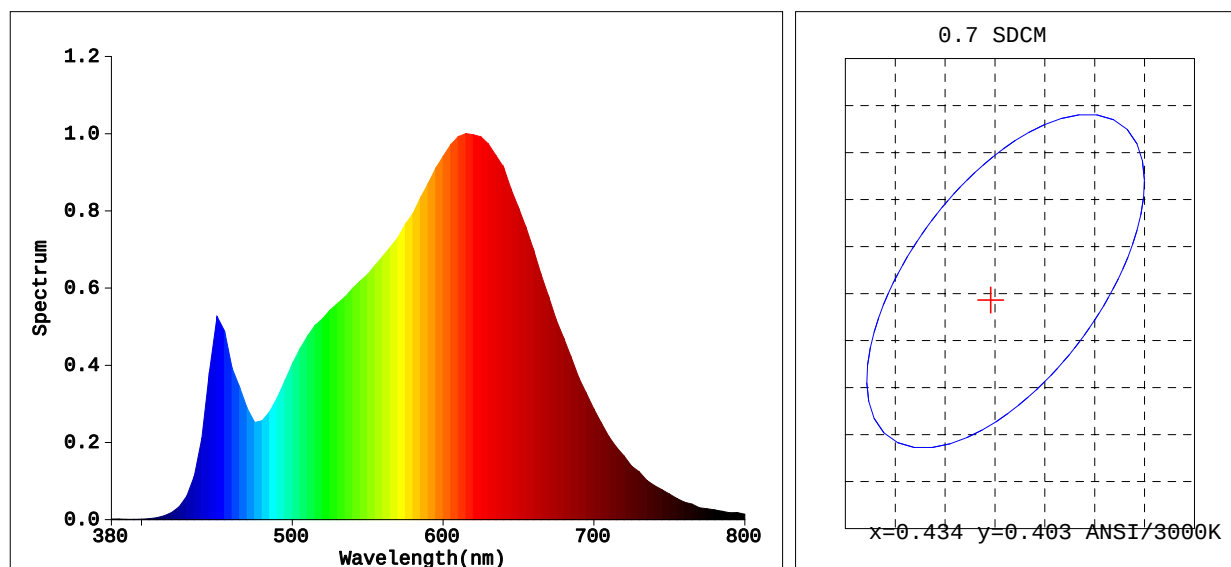


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4325$ $y=0.4014$ $u'=0.2489$ $v'=0.5197$

Tc=3054K Dominant WL:Ld=582.8nm Purity=50.3% Centroid WL:597.0nm

Ratio:R=25.7% G=71.5% B=2.8% Peak WL:Lp=615.0nm HWL:162.3nm

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=95 R12=83 R13=95 R14=99 R15=89

Photo Parameters:

Flux: 970.89 lm Fe: 3.0449 W Efficacy: 82.69 lm/W

LEVEL:OUT WHITE:ANSI_3000K

Electrical Parameters:

Luminaire: U=48.00V I=0.2450A P=11.74W PF=1.000

Instrument Status:

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

REF=12043(R=4) %=-0.268%

$I_p=3201 (G=3, D=57)$

PMT: 27.5 centigrade [150.0]

Product Type:U23GR-FA12S1 SBK 3000K	Order No:U23GR-FA12S1-SBK 3000K
Number:1	Test Department:KOE Lighting Ltd.
Temperature:25.3 deg	Humidity:65.0%
Test Operator:Judy	Test Date:2026-07-24 16:26:03
Software:V2.00.100	Instrument:PMS-80 V1 (SN:1011009)