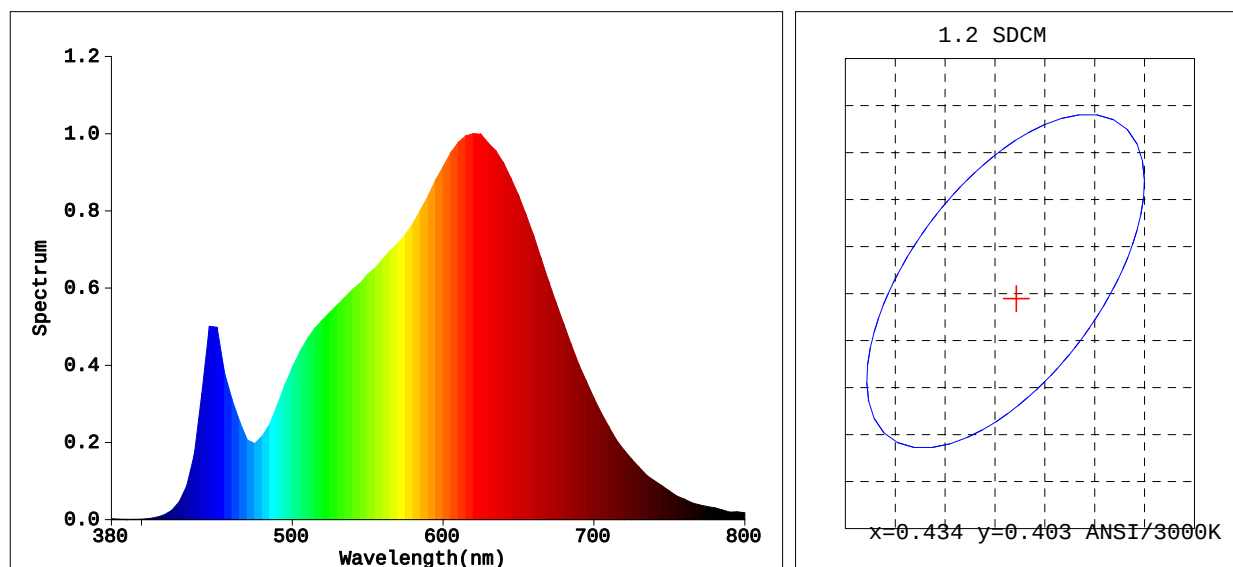


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4347$ $y=0.4015$ $u'=0.2503$ $v'=0.5200$

Tc=3017K Dominant WL:Ld=583.0nm Purity=51.0% Centroid WL:600.0nm

Ratio:R=26.0% G=71.4% B=2.5% Peak WL:Lp=620.0nm HWL:164.8nm

Render Index: Ra=93.9

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

R8 =84 R9 =64 R10=91 R11=96 R12=86 R13=95 R14=98 R15=91

Photo Parameters:

Flux: 1215.3 lm Fe: 4.2131 W Efficacy: 81.23 lm/W

LEVEL:OUT WHITE:ANSI_3000K

Electrical Parameters:

Luminaire: U=48.00V I=0.3117A P=14.96W PF=1.000

Instrument Status:

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

REF=15772(R=4) %=-0.288%

$I_p=4077 (G=3, D=56)$

PMT: 19.1 centigrade [150.0]

Product Type:M20GR-TB18S1	SBK 3000K	OptoSource Inc. 240 L P500-12g-HB1g Ltd.
Number:SEN2026134.01		Test Department:KOE Lighting Ltd.
Temperature:25.3 deg		Humidity:65.0%
Test Operator:Judy		Test Date:2026-07-01 09:16:32
Software:V2.00.100		Instrument:PMS-80 V1 (SN:1011009)