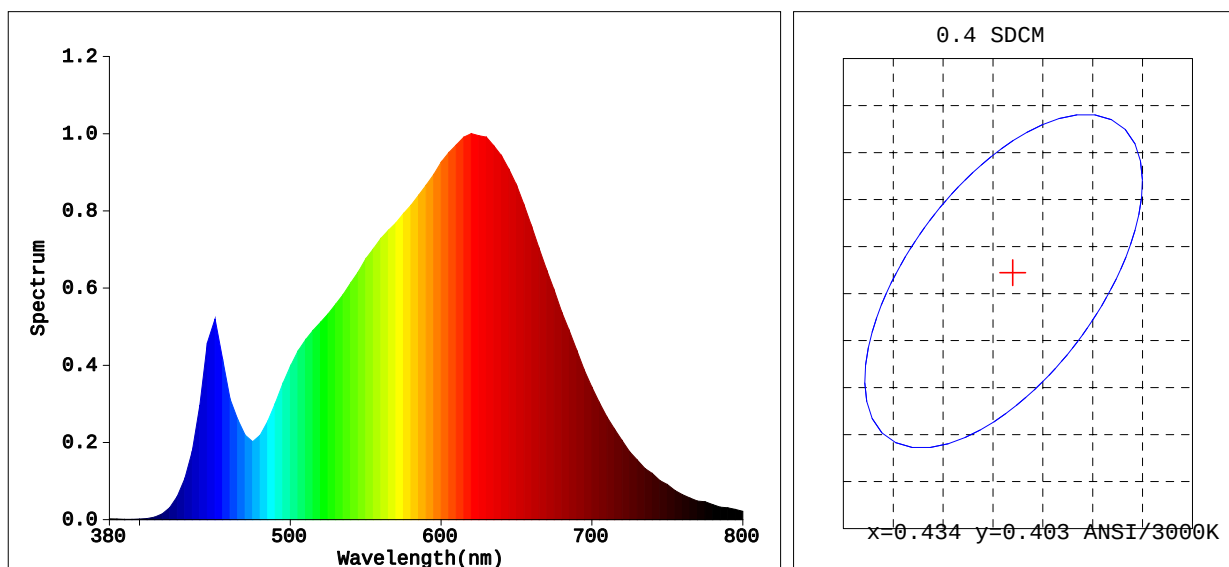


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4346$ $y=0.4037$ / $u'=0.2492$ $v'=0.5209$

$T_c=3037K$ Dominant WL: $L_d=582.6nm$ Purity=51.6% Centroid WL: $601.0nm$

Ratio: R=25.4% G=72.1% B=2.5% Peak WL: $L_p=620.0nm$ HWL: $166.5nm$

Render Index: $R_a=91.9$

R1 =92	R2 =95	R3 =96	R4 =92	R5 =91	R6 =93	R7 =93	
R8 =83	R9 =60	R10=87	R11=92	R12=81	R13=92	R14=97	R15=89

Photo Parameters:

Flux: $1597.2 lm$ Fe: $5.2917 W$ Efficacy: $79.42 lm/W$

LEVEL: OUT WHITE: ANSI_3000K

Electrical Parameters:

Luminaire: U=48.00V I=0.4190A P=20.11W PF=1.000

Instrument Status:

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

REF=19375(R=4) %=-0.192%

$I_p=5158(G=3,D=56)$

PMT: 16.9 centigrade [39.4]

Product Type: U23SP-A20C1 SBK 3000K [CMAA] 1200 (1500-2500lm)	Manufacturer: KOE Lighting Ltd.
Number: 1	Test Department: KOE Lighting Ltd.
Temperature: 25.3 deg	Humidity: 65.0%
Test Operator: Judy	Test Date: 2026-05-30 13:25:56
Software: V2.00.100	Instrument: PMS-80_V1 (SN: 1011009)