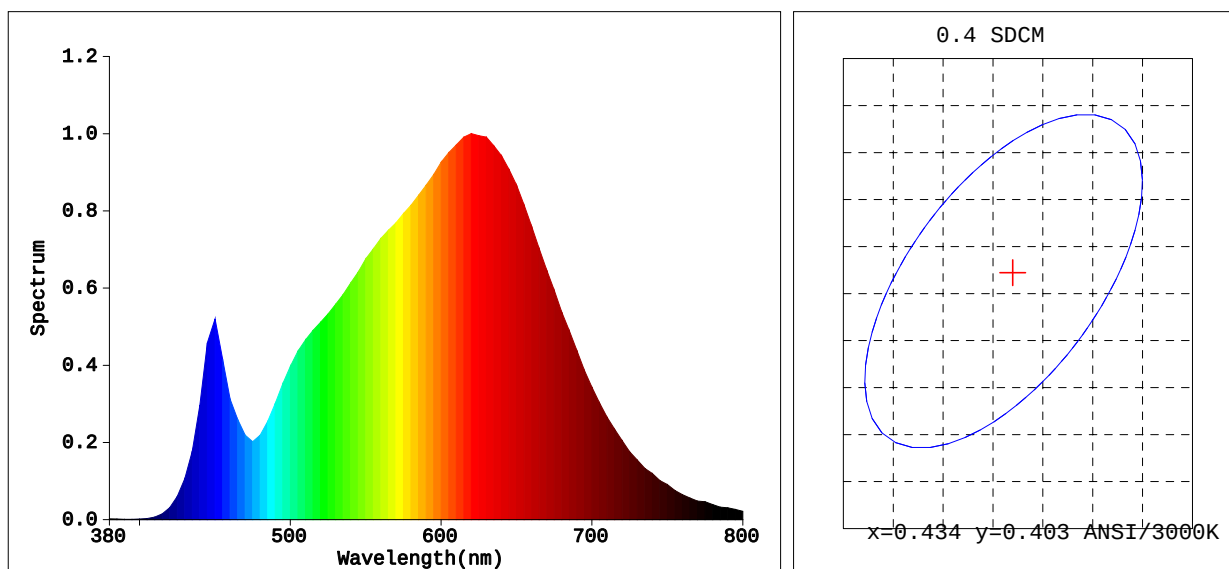


Light Source Test Report



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: $R_a=91.9$

$R_1=92$ $R_2=95$ $R_3=96$ $R_4=92$ $R_5=91$ $R_6=93$ $R_7=93$

$R_8=83$ $R_9=60$ $R_{10}=87$ $R_{11}=92$ $R_{12}=81$ $R_{13}=92$ $R_{14}=97$ $R_{15}=89$

Photo Parameters:

Flux: $1596.2 lm$ $Fe: 5.2917 W$ Efficacy: $79.37 lm/W$

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($R=4$) $\%=-0.192\%$

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

PMT: 16.9 centigrade [39.4]

Product Type: M20SP-A20C1 SBK 3000K [CMAA] 1200lm (LP500E 20198V) King Ltd.
Number: SEN2026133.01 Test Department: KOE Lighting Ltd.
Temperature: 25.3 deg Humidity: 65.0%
Test Operator: Judy Test Date: 2026-08-26 13:25:56
Software: V2.00.100 Instrument: PMS-80_V1 (SN: 1011009)