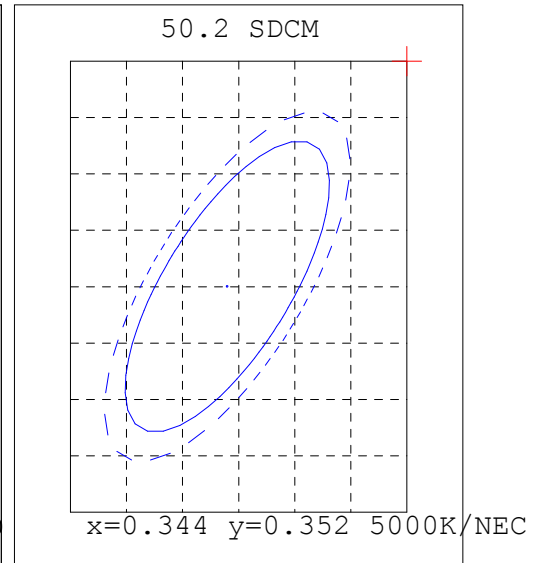
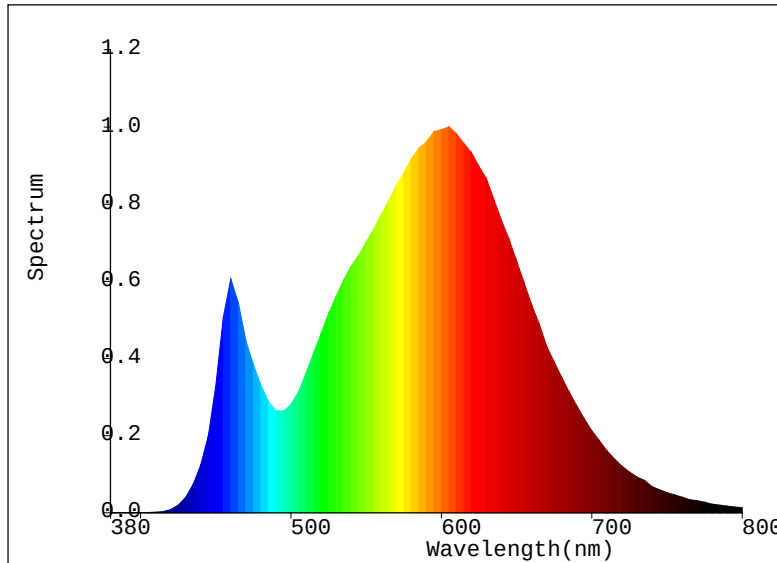


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4302$ $y=0.4069$ $u'=0.2450$ $v'=0.5215$

$T_c=3140K$ Dominant WL: $L_d=581.5nm$ Purity=51.3% Centroid WL: $589.0nm$

Ratio: $R=23.5\%$ $G=73.7\%$ $B=2.8\%$ Peak WL: $L_p=605.0nm$ HWL: $140.5nm$

Render Index: $R_a=82.4$

$R_1=81$ $R_2=91$ $R_3=97$ $R_4=77$ $R_5=79$ $R_6=87$ $R_7=84$

$R_8=63$ $R_9=15$ $R_{10}=78$ $R_{11}=73$ $R_{12}=62$ $R_{13}=83$ $R_{14}=99$ $R_{15}=75$

Photo Parameters:

Flux: $205.94 lm$ $Fe: 0.64118 W$ Efficacy: $59.21 lm/W$

LEVEL: WHITE:OUT

Electrical Parameters:

Lamp : $U=10.86V$ $I=0.3201A$ $P=3.478W$ $PF=1.000$

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[1]$

REF=98($R=4$) $\%=0.000\%$

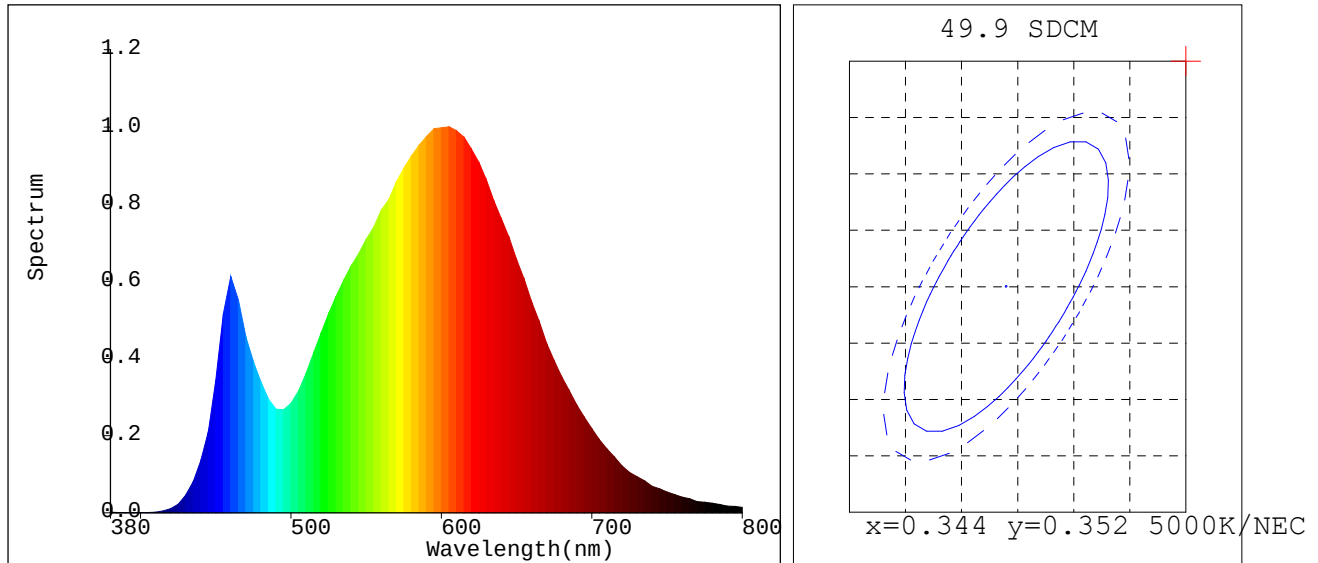
$I_p=19061(G=6, D=54)$

PMT: 28.1 centigrade [28.2]

Product Type: KM3L4AC001
Number: 01
Temperature: $25.0 deg$
Test Operator: KEN
Software: V2.00.100

Manufacturer:
Test Department:
Humidity: 65.0%
Test Date: 2012-05-11 17:23:05
Instrument: PMS-80_V1 (SN:1008009)

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4293$ $y=0.4054$ $u'=0.2451$ $v'=0.5208$

Tc=3143K Dominant WL:Ld=581.6nm Purity=50.6% Centroid WL:589.0nm

Ratio:R=23.5% G=73.7% B=2.8% Peak WL:Lp=605.0nm HWL:141.2nm

Render Index:Ra=82.4

R1 =81 R2 =91 R3 =97 R4 =77 R5 =79 R6 =87 R7 =84

R8 =63 R9 =15 R10=78 R11=72 R12=63 R13=83 R14=99 R15=75

Photo Parameters:

Flux: 236.12 lm Fe: 0.73747 W Efficacy:56.77 lm/W

LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U=12.00V I=0.3466A P=4.159W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nmInterval:5.0nm[1]

REF=97(R=4) %=0.000%

Ip=21989(G=6,D=54)

PMT: 28.2 centigrade [28.1]

Product Type:KM3L4AC001
Number:02
Temperature:25.0 deg
Test Operator:ken
Software:V2.00.100

Manufacturer:
Test Department:
Humidity:65.0%
Test Date:2012-05-11 17:31:24
Instrument:PMS-80_V1 (SN:1008009)