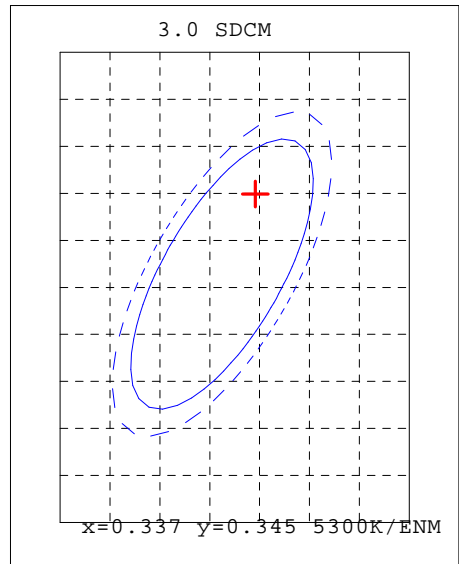
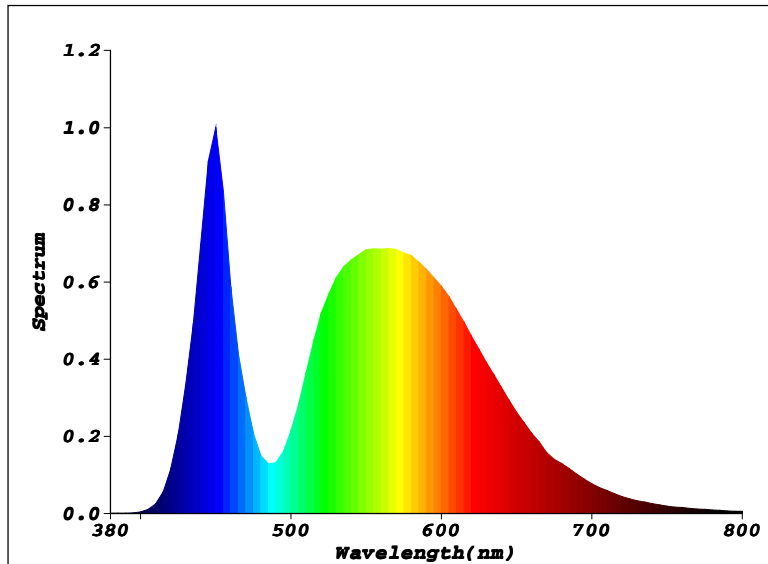


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3399$ $y=0.3518$

Chromaticity Coordinate: $u'=0.3399$ $v'=0.3518$ ($duv=2.25e-03$)

$T_c=5203K$ Dominant WL: $L_d=566.6nm$ Purity=7.5% Centroid WL: $553.0nm$

Ratio: $R=15.3\%$ $G=81.7\%$ $B=3.0\%$ Peak WL: $L_p=450.0nm$ HWL: $27.3nm$

Render Index: $R_a=72.4$

$R_1 = 70$	$R_2 = 77$	$R_3 = 79$	$R_4 = 73$	$R_5 = 71$	$R_6 = 68$	$R_7 = 81$
$R_8 = 60$	$R_9 = -22$	$R_{10} = 43$	$R_{11} = 69$	$R_{12} = 43$	$R_{13} = 71$	$R_{14} = 88$
						$R_{15} = 66$

Photo Parameters:

Flux: $4752.6 lm$ $F_e: 14.431 W$ Efficacy: $127.4 lm/W$

Electrical Parameters:

Luminaire: $U=220.7V$ $I=0.1733A$ $P=37.31W$ $PF=0.9759$ 18led

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$
 $REF=14535(R=3)$ $\%=-0.042\%$

$I_p=48225(G=4,D=55)$
 $PMT: 20.3 \text{ centigrade } [21.7]$

LED

Product Type: OS LED 200-50
 Number: 23000003
 Temperature: 19 deg
 Test Operator: Sergei
 Software: V2.00.100

Manufacturer:
 Test Department: INNOLINE
 Humidity: 65.0%
 Test Date: 2014-12-05 12:58:55
 Instrument: PMS-80_V1 (SN: 11040034)