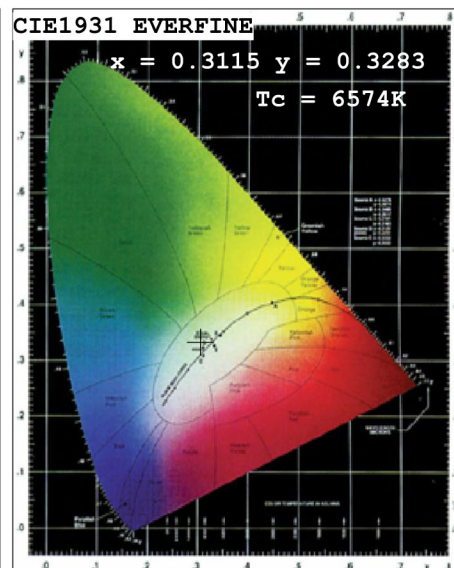
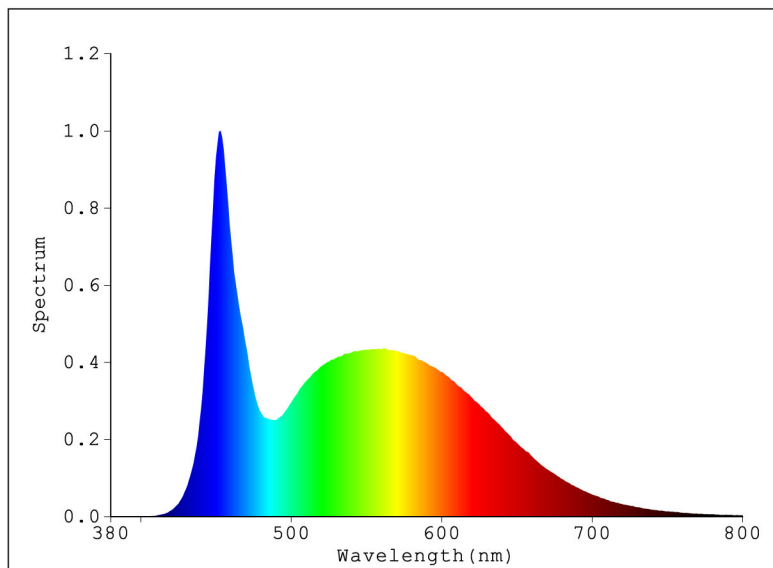


ILLUMINATION ENGINEERING LABORATORY

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3115$ ($dx=-0.0009$) $y=0.3283$ ($dy=0.0189$)

Chromaticity Coordinate: $u'=0.3115$ $v'=0.3283$ ($duv=3.46e-03$)

$T_c=6574K$ Dominant WL:Ld=488.7nm Purity=7.7% Centroid WL:541.0nm

Ratio:R=14.8% G=79.5% B=5.7% Peak WL:Lp=453.0nm HWL:23.3nm

Render Index:Ra=85.1

R1 =84	R2 =91	R3 =93	R4 =82	R5 =83	R6 =85	R7 =89	
R8 =74	R9 =23	R10=77	R11=81	R12=56	R13=86	R14=96	R15=80

Photo Parameters:

Flux: 2218.6 lm Fe: 7.3417 W Efficacy:122.7 lm/W

LEVEL:OUT WHITE:ANSI_6500K

Electrical Parameters:

Luminaire: U=230.0V I=0.08148A P=18.08W PF=0.9647 %THDv=0.9 and %THDi=13.6

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:1.0nm[0]
REF=8240 (R=3) %=-0.270%

$I_p=32242$ (G=4, D=56)
PMT: 23.9 centigrade [23.7]

Stabilization 60 mins 230VAC

Product Type: LED T8 18W - ULTRA BRIGHT
Number:1
Temperature:25.0 deg

Manufacturer: RAWEE LIGHTING GROUP CO.,LTD
Test Department:
Humidity:60%
Test Date:2014-11-29 15:38:54
Instrument:PMS-80_V1 (SN:11040022)