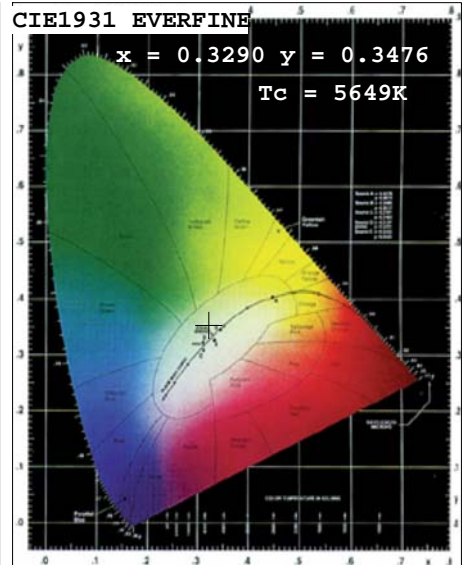
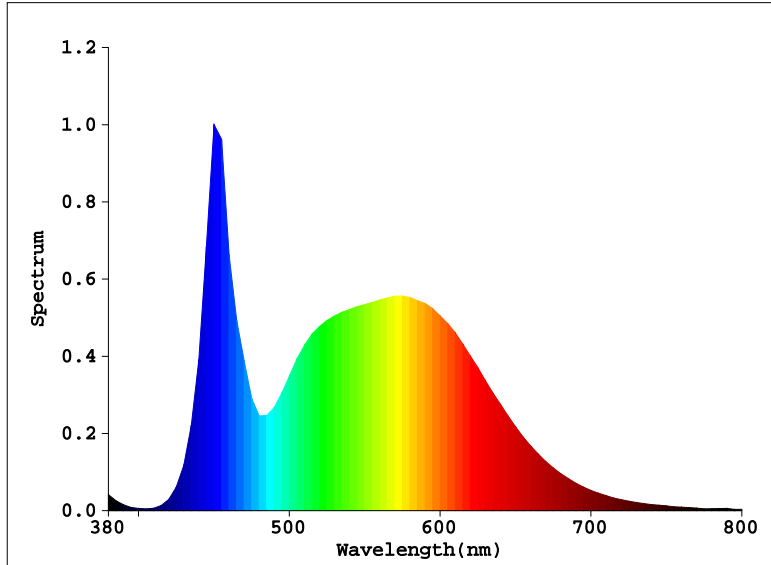


**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3290$   $y=0.3476$   
 Chromaticity Coordinate:  $u'=0.3290$   $v'=0.3476$  ( $duv=4.84e-03$ )  
 $T_c=5649K$  Dominant WL:  $L_d=535.5nm$  Purity=3.2% Centroid WL:  $546.0nm$   
 Ratio:  $R=15.3\%$   $G=80.1\%$   $B=4.6\%$  Peak WL:  $L_p=450.0nm$  HWL:  $23.0nm$   
 Render Index:  $R_a=81.2$

R1 =79	R2 =87	R3 =92	R4 =80	R5 =80	R6 =82	R7 =87	
R8 =65	R9 =-4	R10=68	R11=79	R12=56	R13=81	R14=96	R15=73

**Photo Parameters:**

Flux: 4570.6 lm Fe: 14.227 W Efficacy: 153.1 lm/W

**Electrical Parameters:**

Lamp : U=35.12V I=0.8500A P=29.85W PF=1.000

*Instrument Status:*

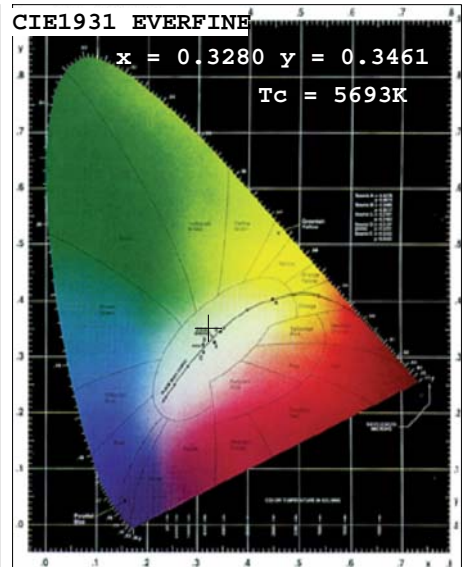
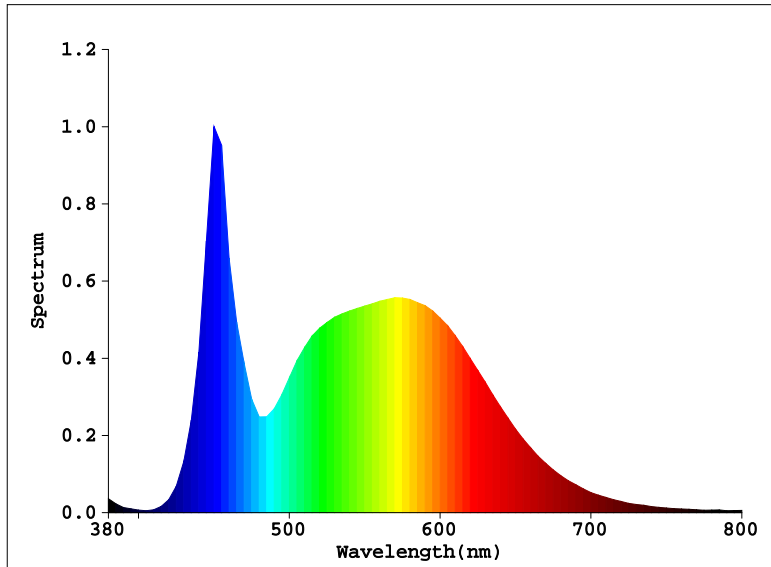
Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]  $I_p=13300(G=2, D=50)$   
 REF=8918(R=3)  $\%=-0.068\%$  PMT: 33.8 centigrade [150.0]

**30W**

Product Type: DK182-15498  
 Number: 3030-48D  
 Temperature: 25 deg  
 Test Operator: CELIO  
 Software: V2.00.100

Manufacturer: MANKUN ELECTRONIC CO., LTD.  
 Test Department: MANKUN  
 Humidity: 65%  
 Test Date: 2019-09-10 14:56:47  
 Instrument: PMS-80\_V1 (SN: 1007038)

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3280$   $y=0.3461$   
 Chromaticity Coordinate:  $u'=0.3280$   $v'=0.3461$  ( $duv=4.55e-03$ )  
 $T_c=5693K$  Dominant WL:  $L_d=527.0nm$  Purity=2.6% Centroid WL:  $546.0nm$   
 Ratio:  $R=15.3\%$   $G=80.1\%$   $B=4.6\%$  Peak WL:  $L_p=450.0nm$  HWL:  $23.4nm$   
 Render Index:  $R_a=81.2$

R1 =79	R2 =87	R3 =92	R4 =80	R5 =80	R6 =81	R7 =87	
R8 =65	R9 =-4	R10=68	R11=79	R12=57	R13=81	R14=96	R15=73

**Photo Parameters:**

Flux:  $5231.4$  lm Fe:  $16.341$  W Efficacy:  $146.4$  lm/W

**Electrical Parameters:**

Lamp :  $U=35.72V$   $I=1.000A$   $P=35.72W$   $PF=1.000$

*Instrument Status:*

Scan Range:  $380.0nm-800.0nm$  Interval:  $5.0nm[0]$   $I_p=15033(G=2, D=50)$   
 REF=10192(R=3)  $\%=-0.069\%$  PMT:  $33.8$  centigrade [ $150.0$ ]

**35W**

Product Type:  $DK182-15498$   
 Number:  $3030-48D$   
 Temperature:  $25$  deg  
 Test Operator:  $CELIO$   
 Software:  $V2.00.100$

Manufacturer:  $MANKUN ELECTRONIC CO.,LTD.$   
 Test Department:  $MANKUN$   
 Humidity:  $65\%$   
 Test Date:  $2019-09-10 14:59:00$   
 Instrument:  $PMS-80_V1$  (SN:  $1007038$ )