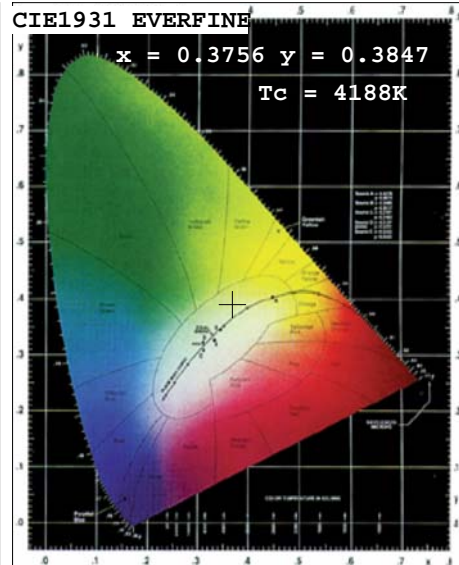
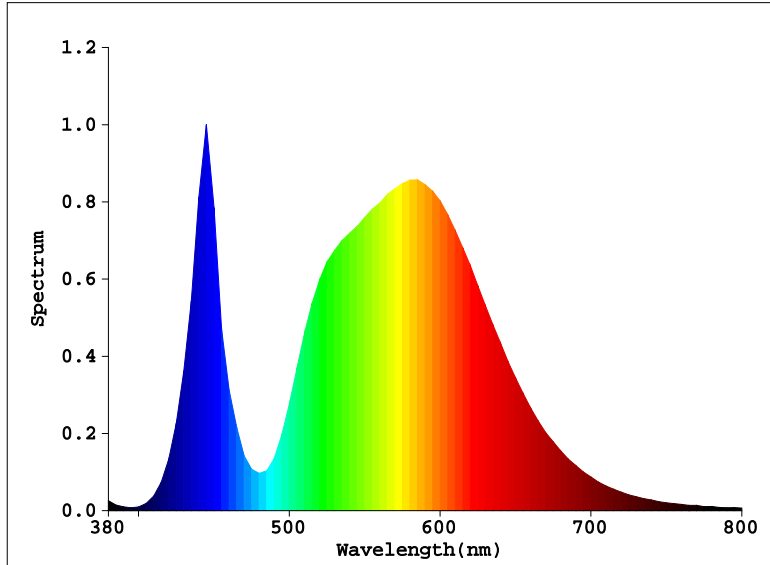


**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3756$   $y=0.3847$   
 Chromaticity Coordinate:  $u'=0.3756$   $v'=0.3847$  ( $duv=5.17e-03$ )  
 $T_c=4188K$  Dominant WL:  $L_d=575.6nm$  Purity=28.2% Centroid WL:  $565.0nm$   
 Ratio:  $R=17.3\%$   $G=80.7\%$   $B=2.0\%$  Peak WL:  $L_p=445.0nm$  HWL:  $20.7nm$   
 Render Index:  $R_a=71.1$   

R1 =68	R2 =76	R3 =83	R4 =72	R5 =68	R6 =67	R7 =80	
R8 =53	R9 =-33	R10=44	R11=70	R12=42	R13=69	R14=90	R15=61

**Photo Parameters:**

Flux: 8051.3 lm Fe: 23.093 W Efficacy: 157.3 lm/W

**Electrical Parameters:**

Luminaire: U=48.75V I=1.050A P=51.19W PF=1.000

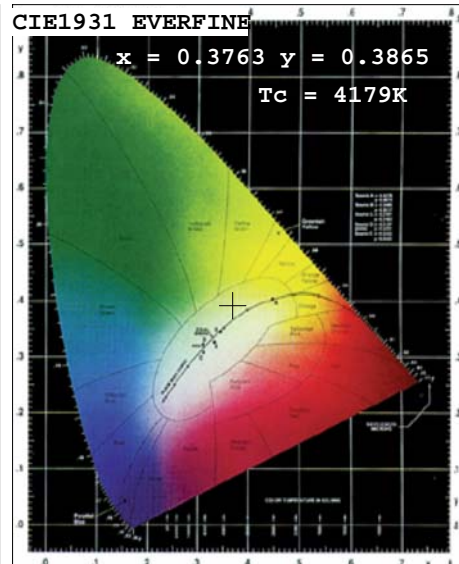
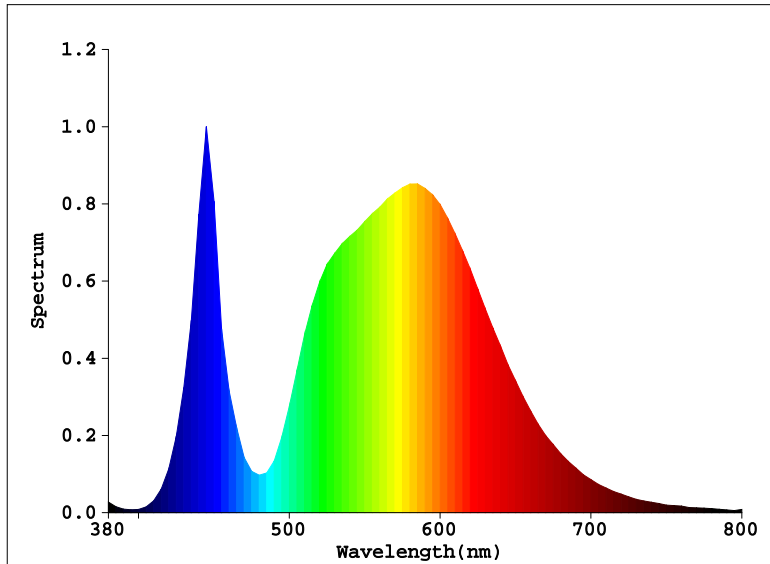
*Instrument Status:*

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]  $I_p=21448(G=2, D=46)$   
 REF=13530(R=3)  $\%=-0.267\%$  PMT: 18.6 centigrade [21.0]

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Product Type: DK5050-5050-16leds-2017	Manufacturer:
Number: AL20171	Test Department:
Temperature: 25 deg	Humidity: 65%
Test Operator: CELIO	Test Date: 2022-01-19 13:51:49
Software: V2.00.100	Instrument: PMS-80_V1 (SN:1007038)

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3763$   $y=0.3865$   
 Chromaticity Coordinate:  $u'=0.3763$   $v'=0.3865$  ( $duv=5.75e-03$ )  
 $T_c=4179K$  Dominant WL:  $L_d=575.5nm$  Purity=28.9% Centroid WL:  $565.0nm$   
 Ratio:  $R=17.3\%$   $G=80.7\%$   $B=2.0\%$  Peak WL:  $L_p=445.0nm$  HWL:  $19.6nm$   
 Render Index:  $R_a=71.2$

R1 =68	R2 =76	R3 =84	R4 =72	R5 =68	R6 =68	R7 =81	
R8 =53	R9 =-33	R10=44	R11=70	R12=42	R13=69	R14=91	R15=61

**Photo Parameters:**

Flux:  $6007.6$  lm Fe:  $17.145$  W Efficacy:  $173.6$  lm/W

**Electrical Parameters:**

Luminaire:  $U=46.13V$   $I=0.7501A$   $P=34.60W$  PF=1.000

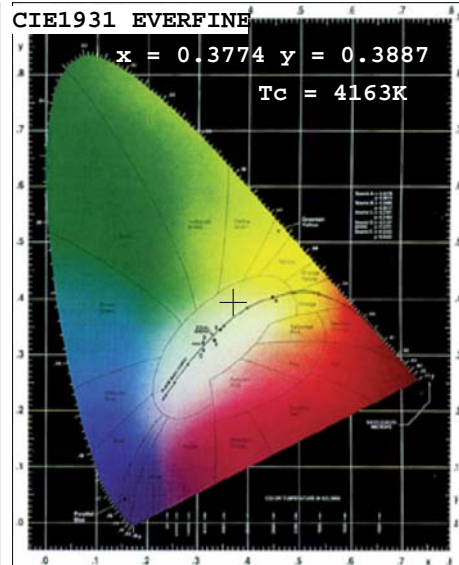
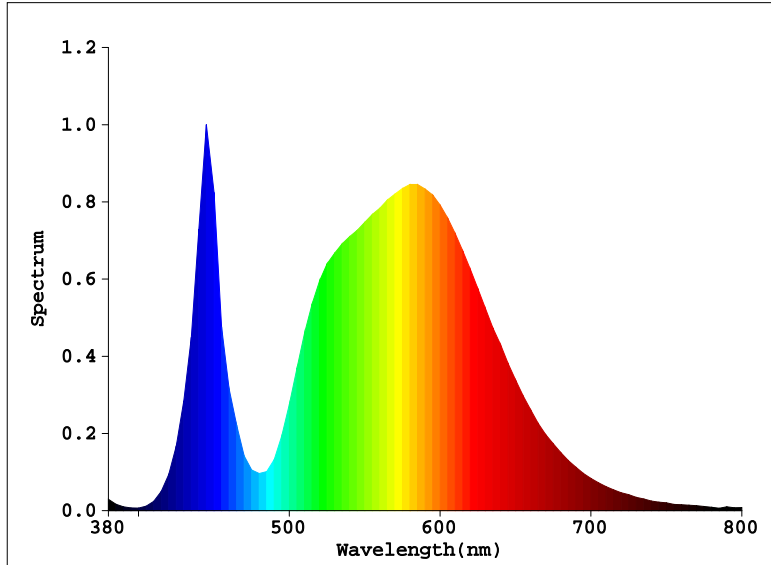
*Instrument Status:*

Scan Range:  $380.0nm-800.0nm$  Interval:  $5.0nm[0]$   $I_p=16097(G=2, D=46)$   
 REF=10118(R=3)  $\%=-0.040\%$  PMT:  $18.8$  centigrade [21.4]

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Product Type: $DK5050-5050-16leds-2017$	Manufacturer:
Number: $AL20171$	Test Department:
Temperature: $25$ deg	Humidity: $65\%$
Test Operator: $CELIO$	Test Date: $2022-01-19$ $13:53:57$
Software: $V2.00.100$	Instrument: $PMS-80\_V1$ (SN: $1007038$ )

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3774$   $y=0.3887$   
 Chromaticity Coordinate:  $u'=0.3774$   $v'=0.3887$  ( $duv=6.40e-03$ )  
 $T_c=4163K$  Dominant WL:  $L_d=575.3nm$  Purity=29.9% Centroid WL:  $565.0nm$   
 Ratio:  $R=17.3\%$   $G=80.7\%$   $B=2.0\%$  Peak WL:  $L_p=445.0nm$  HWL:  $18.7nm$   
 Render Index:  $R_a=71.3$   

R1 =68	R2 =76	R3 =84	R4 =72	R5 =68	R6 =68	R7 =81	
R8 =53	R9 =-34	R10=45	R11=70	R12=41	R13=69	R14=91	R15=60

**Photo Parameters:**

Flux: 4174.3 lm Fe: 11.847 W Efficacy: 187.0 lm/W

**Electrical Parameters:**

Luminaire: U=44.65V I=0.5000A P=22.32W PF=1.000

*Instrument Status:*

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]  $I_p=11298(G=2, D=46)$   
 REF=7058(R=3)  $\% = 0.014\%$  PMT: 18.9 centigrade [21.5]

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Product Type: DK5050-5050-16leds-2017	Manufacturer:
Number: AL20171	Test Department:
Temperature: 25 deg	Humidity: 65%
Test Operator: CELIO	Test Date: 2022-01-19 13:55:58
Software: V2.00.100	Instrument: PMS-80_V1 (SN: 1007038)