

Date : 2025-09-27 19:08:39  
Test by : E.V.  
Specification : AL-SL-LN-IP20-24-CCT  
Sample No. : 1

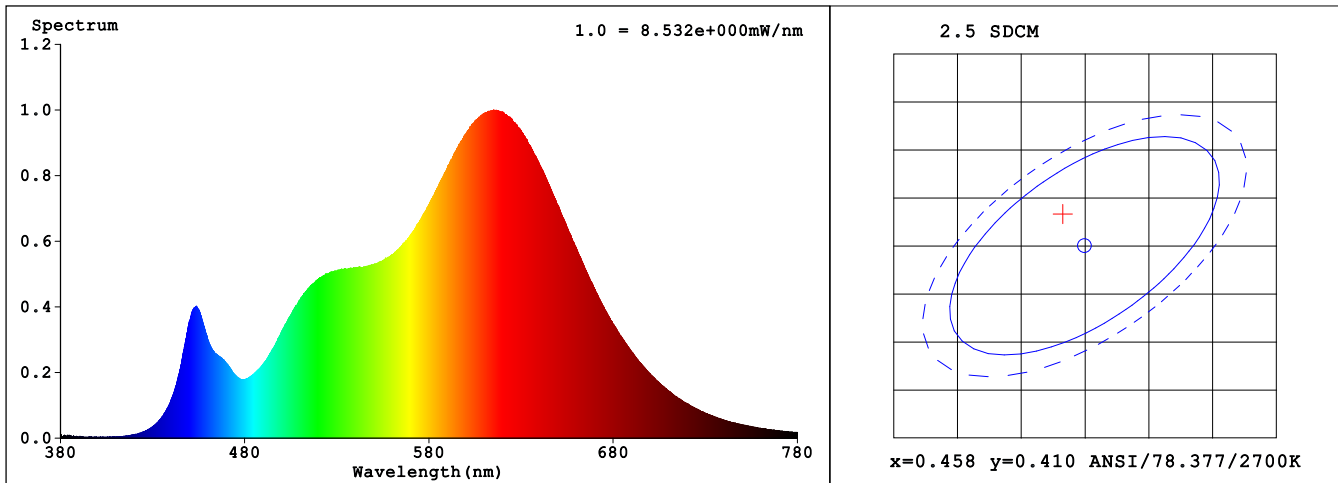
Sam. Status : Finished product test  
Instrument : HaasSuite(EVERFINE)  
Remark : 0.5M  
Device SN : HS-2000

## Test Condition

Temperature : 25Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test  
Sensitivity : High

RH : 60.0%  
IP : 46213 (71%)  
T : 396 ms

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4561$   $y = 0.4134$  /  $u' = 0.2588$   $v' = 0.5279$  ( $duv=1.11e-03$ )

CCT= 2776K Prcp WL: Ld=583.4nm Purity=61.0%

Peak WL: Lp=615nm FWHM: =142.1nm Ratio:R=26.0% G=71.5% B=2.5%

Render Index: Ra = 92.9 CRI = 90.0 TM30: Rf=92 Rg=98

EEL: 0.10050 A++ Highest

R1 =94 R2 =98 R3 =98 R4 =96 R5 =95 R6 =97 R7 =89  
R8 =76 R9 =47 R10=95 R11=99 R12=85 R13=96 R14=100 R15=86

LEVEL: OUT WHITE: ANSI\_2700K

## Photometric & Radiometric Parameters

Flux = 385.96 lm Eff. : 106.09 lm/W Fe = 1.2512 W

## Electrical parameters

V = 24.00 V I = 0.1516 A P = 3.638 W PF = 1.000 F=0.00 Hz



# Photometric Spectrum

TEST REPORT



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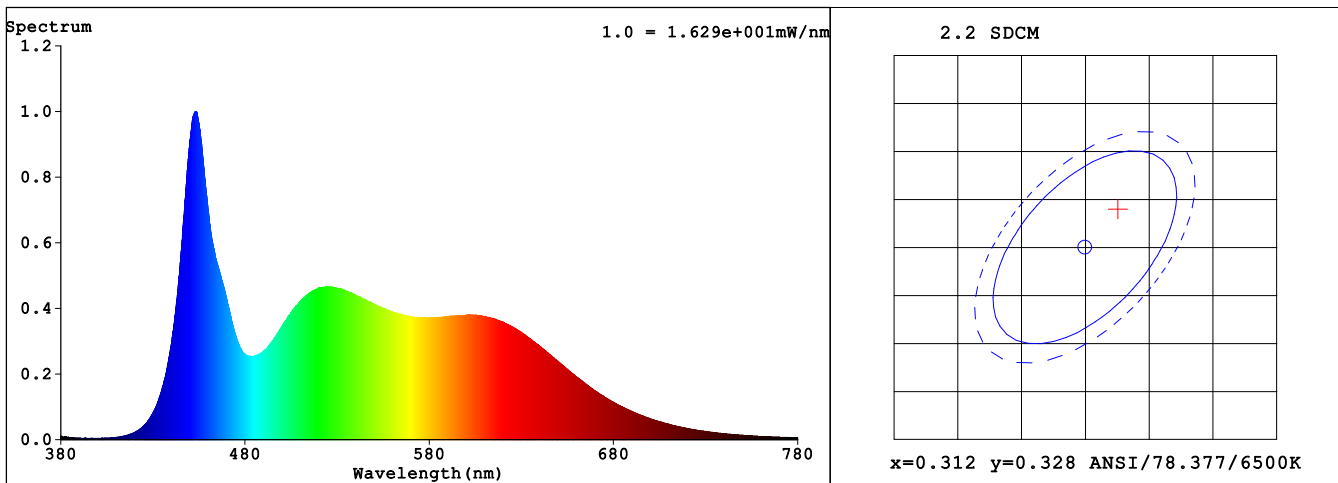
Sam. Status : Finished product test  
Instrument : HaasSuite(EVERFINE)  
Remark : 0.5M  
Device SN : HS-2000

## Test Condition

Temperature : 25Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test  
Sensitivity : High

RH : 60.0%  
IP : 53481 (82%)  
T : 502 ms

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3149$   $y = 0.3322$  /  $u' = 0.1981$   $v' = 0.4703$  ( $duv=4.43e-03$ )

CCT= 6368K Prcp WL: Ld=490.9nm Purity=6.3%

Peak WL: Lp=453nm FWHM: =22.5nm Ratio:R=15.1% G=78.7% B=6.2%

Render Index: Ra = 93.4 CRI = 89.5 TM30:Rf=91 Rg=99

EEL: 0.08769 A++ Highest

R1 =94	R2 =96	R3 =95	R4 =94	R5 =93	R6 =92	R7 =95	
R8 =88	R9 =65	R10=88	R11=94	R12=65	R13=96	R14=97	R15=92

LEVEL:OUT WHITE:ANSI\_6500K

## Photometric & Radiometric Parameters

Flux = 466.18 lm Eff. : 127.05 lm/W Fe = 1.5877 W

## Electrical parameters

V = 24.00 V I = 0.1529 A P = 3.669 W PF = 1.000 F=0.00 Hz



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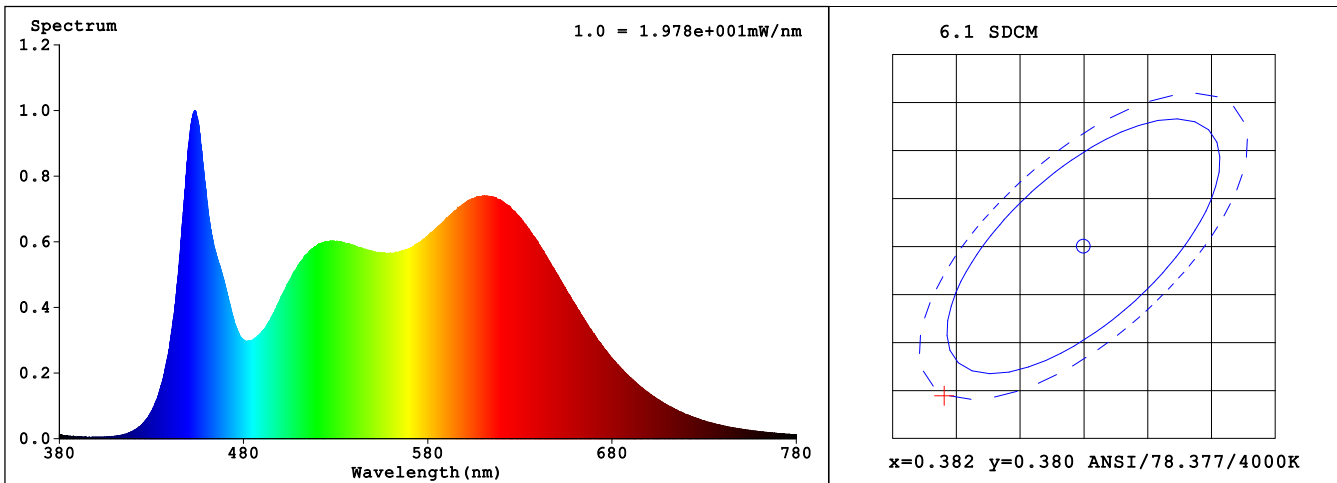
Sam. Status : Finished product test  
 Instrument : HaasSuite(EVERFINE)  
 Remark : 0.5M  
 Device SN : HS-2000

## Test Condition

Temperature : 25Deg  
 WL Range : 380nm-780nm  
 Test Mode : Fast Test  
 Sensitivity : High

RH : 60.0%  
 IP : 46213 (71%)  
 T : 396 ms

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3709$   $y = 0.3641$  /  $u' = 0.2238$   $v' = 0.4945$  ( $duv = -2.90e-03$ )  
 CCT= 4183K Prcp WL: Ld=580.5nm Purity=20.6%  
 Peak WL: Lp=454nm FWHM: =24.0nm Ratio:R=20.0% G=75.4% B=4.6%  
 Render Index: Ra = 95.8 CRI = 93.2 TM30:Rf=92 Rg=101

EEL: 0.10972 A++ Highest

R1 =98 R2 =99 R3 =98 R4 =98 R5 =97 R6 =95 R7 =94  
 R8 =88 R9 =72 R10=97 R11=96 R12=73 R13=99 R14=98 R15=96  
 LEVEL:OUT WHITE:ANSI\_4000K

## Photometric & Radiometric Parameters

Flux = 856.73 lm Eff. : 115.27 lm/W Fe = 2.8576 W

## Electrical parameters

V = 24.00 V I = 0.3097 A P = 7.432 W PF = 1.000 F=0.00 Hz

