

Date : 2025-12-12 14:07:06  
 Test by : E.V.  
 Specification : AL-SL-LN-IP68-24-27K  
 Sample No. : 1

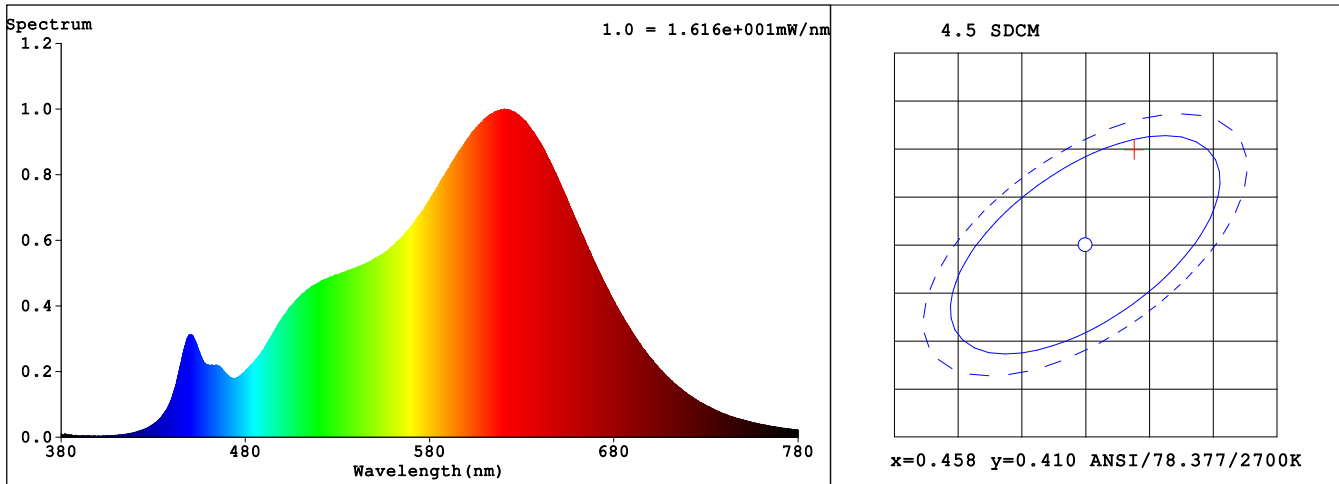
Sam. Status : Finished product test  
 Instrument : HaasSuite(EVERFINE)  
 Remark : 0.5M  
 Device SN : HS-2000

## Test Condition

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

RH : 60.0%  
 IP : 51454 (79%)  
 T : 240 ms

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4616$   $y = 0.4200$  /  $u' = 0.2595$   $v' = 0.5311$  ( $duv=3.01e-03$ )  
 CCT= 2748K Prcp WL: Ld=583.0nm Purity=64.6%  
 Peak WL: Lp=621nm FWHM: =140.6nm Ratio:R=26.0% G=71.4% B=2.6%  
 Render Index: Ra = 93.8 CRI = 91.4 TM30:Rf=92 Rg=96

EEL: 0.12388 A+

R1 =95 R2 =98 R3 =98 R4 =96 R5 =95 R6 =98 R7 =91  
 R8 =80 R9 =55 R10=95 R11=99 R12=89 R13=96 R14=99 R15=88  
 LEVEL:OUT WHITE:ANSI\_2700K

## Photometric & Radiometric Parameters

Flux = 738.99 lm Eff.: 99.21 lm/W Fe = 2.4628 W

## Electrical parameters

V = 24.00 V I = 0.3104 A P = 7.449 W PF = 1.000 F=0.00 Hz



Date : 2025-12-15 19:18:27  
Test by : E.V.  
Specification : AL-SL-LN-IP68-24-3K  
Sample No. : 1

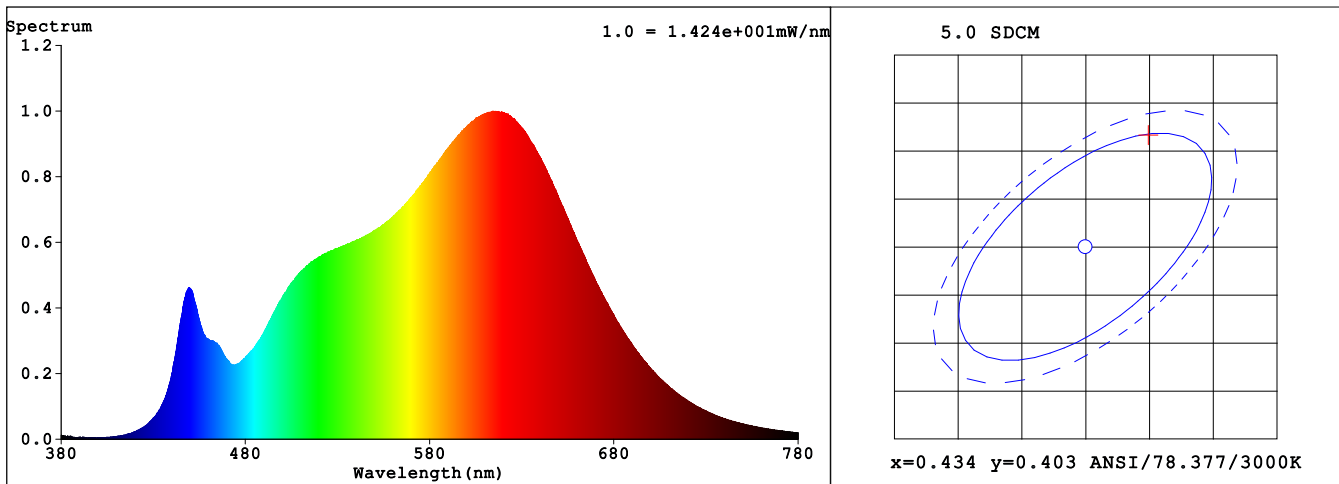
Sam. Status : Finished product test  
Instrument : HaasSuite(EVERFINE)  
Remark : 0.5M  
Device SN : HS-2000

## Test Condition

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

RH : 60.0%  
IP : 53649 (82%)  
T : 279 ms

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4387$   $y = 0.4147$  /  $u' = 0.2472$   $v' = 0.5257$  ( $duv=3.75e-03$ )

CCT= 3054K Prcp WL: Ld=581.3nm Purity=56.2%

Peak WL: Lp=614nm FWHM: =160.3nm Ratio:R=23.5% G=73.6% B=3.0%

Render Index: Ra = 92.0 CRI = 88.5 TM30:Rf=92 Rg=96

EEL: 0.12148 A+

R1 =92 R2 =96 R3 =99 R4 =93 R5 =92 R6 =96 R7 =91  
R8 =77 R9 =47 R10=90 R11=95 R12=82 R13=93 R14=100 R15=85  
LEVEL:OUT WHITE:ANSI\_3000K

## Photometric & Radiometric Parameters

Flux = 723.23 lm Eff. : 100.73 lm/W Fe = 2.3213 W

## Electrical parameters

V = 24.00 V I = 0.2992 A P = 7.180 W PF = 1.000 F=0.00 Hz



Date : 2025-12-17 20:16:11  
Test by : E.V.  
Specification : AL-SL-LN-IP68-24-4K  
Sample No. : 1

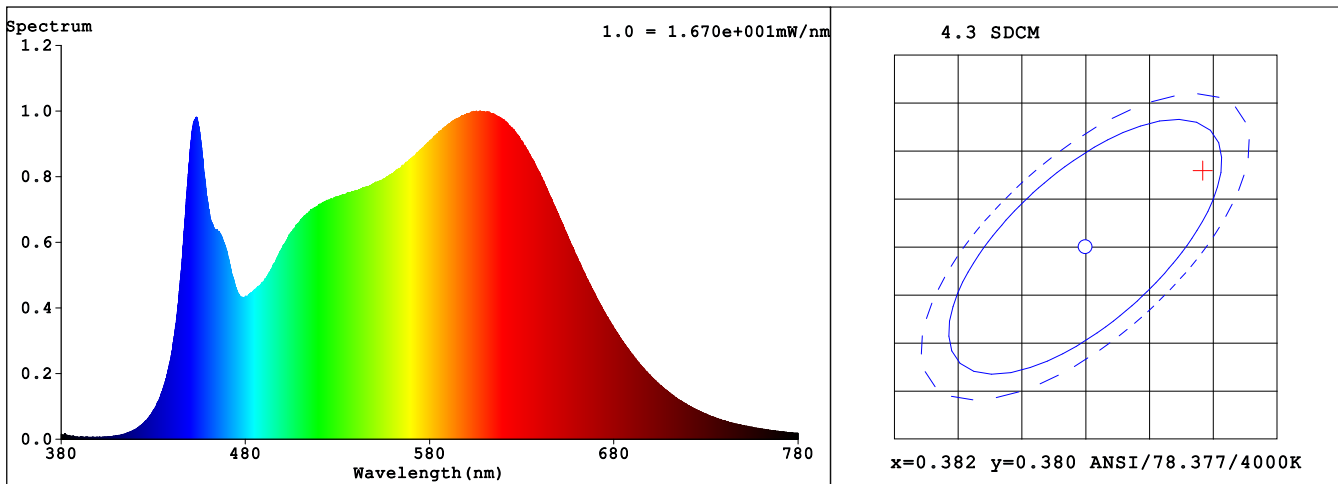
Sam. Status : Finished product test  
Instrument : HaasSuite(EVERFINE)  
Remark : 0.5M  
Device SN : HS-2000

## Test Condition

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

RH : 60.0%  
IP : 53296 (81%)  
T : 233 ms

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3910$   $y = 0.3877$  /  $u' = 0.2277$   $v' = 0.5079$  ( $duv=2.18e-03$ )

CCT= 3809K Prcp WL: Ld=578.8nm Purity=33.7%

Peak WL: Lp=608nm FWHM: =172.4nm Ratio:R=20.0% G=75.7% B=4.3%

Render Index: Ra = 91.6 CRI = 88.0 TM30:Rf=90 Rg=96

EEL: 0.09931 A++ Highest

R1 =92 R2 =97 R3 =98 R4 =90 R5 =91 R6 =95 R7 =90  
R8 =79 R9 =49 R10=93 R11=92 R12=74 R13=94 R14=99 R15=87  
LEVEL:OUT WHITE:ANSI\_4000K

## Photometric & Radiometric Parameters

Flux = 981.45 lm Eff. : 130.62 lm/W Fe = 3.1506 W

## Electrical parameters

V = 24.00 V I = 0.3131 A P = 7.514 W PF = 1.000 F=0.00 Hz



Date : 2025-12-18 17:19:42  
 Test by : E.V.  
 Specification : AL-SL-LN-IP68-24-6K  
 Sample No. : 1

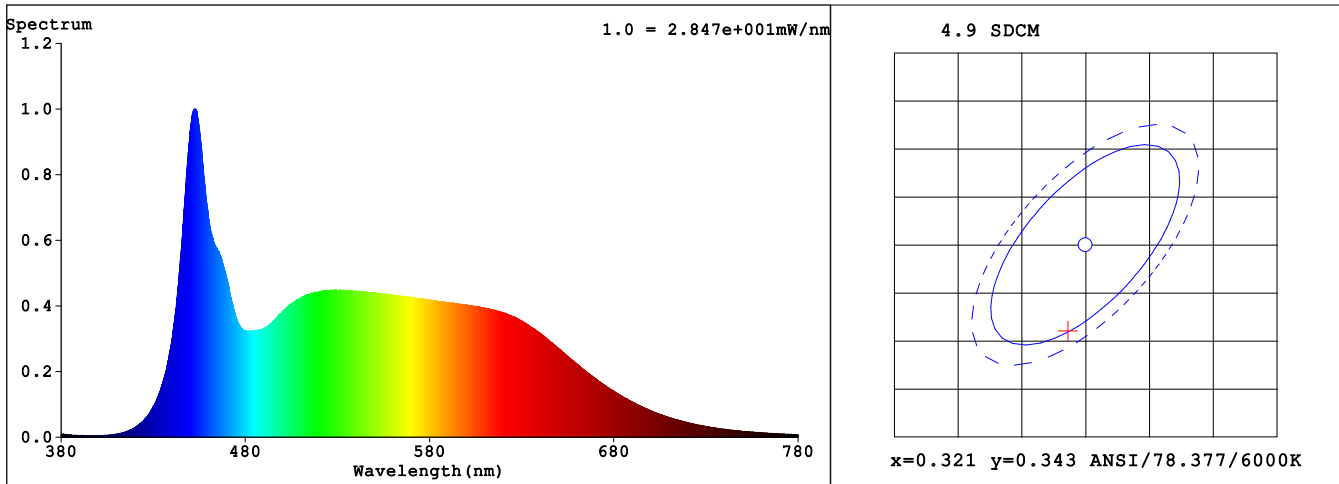
Sam. Status : Finished product test  
 Instrument : HaasSuite(EVERFINE)  
 Remark : 0.5M  
 Device SN : HS-2000

## Test Condition

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

RH : 60.0%  
 IP : 51986 (79%)  
 T : 282 ms

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3196$   $y = 0.3335$  /  $u' = 0.2009$   $v' = 0.4717$  ( $duv=2.75e-03$ )  
 CCT= 6117K Prcp WL: Ld=0.0nm Purity=1.0%  
 Peak WL: Lp=452nm FWHM: =25.1nm Ratio:R=15.2% G=78.2% B=6.5%  
 Render Index: Ra = 93.1 CRI = 89.9 TM30:Rf=91 Rg=98

EEL: 0.10659 A++ Highest

R1 =94 R2 =97 R3 =97 R4 =92 R5 =92 R6 =93 R7 =93  
 R8 =87 R9 =65 R10=92 R11=93 R12=68 R13=96 R14=99 R15=91  
 LEVEL:OUT WHITE:ANSI\_6500K

## Photometric & Radiometric Parameters

Flux = 864.64 lm Eff. : 118.87 lm/W Fe = 2.9854 W

## Electrical parameters

V = 24.00 V I = 0.3031 A P = 7.274 W PF = 1.000 F=0.00 Hz

