

Date : 2026-03-19  
Test by : E.V.  
Specification : AL-SL-DL-CC-IP20-24-27K-32  
Sample No. : 1

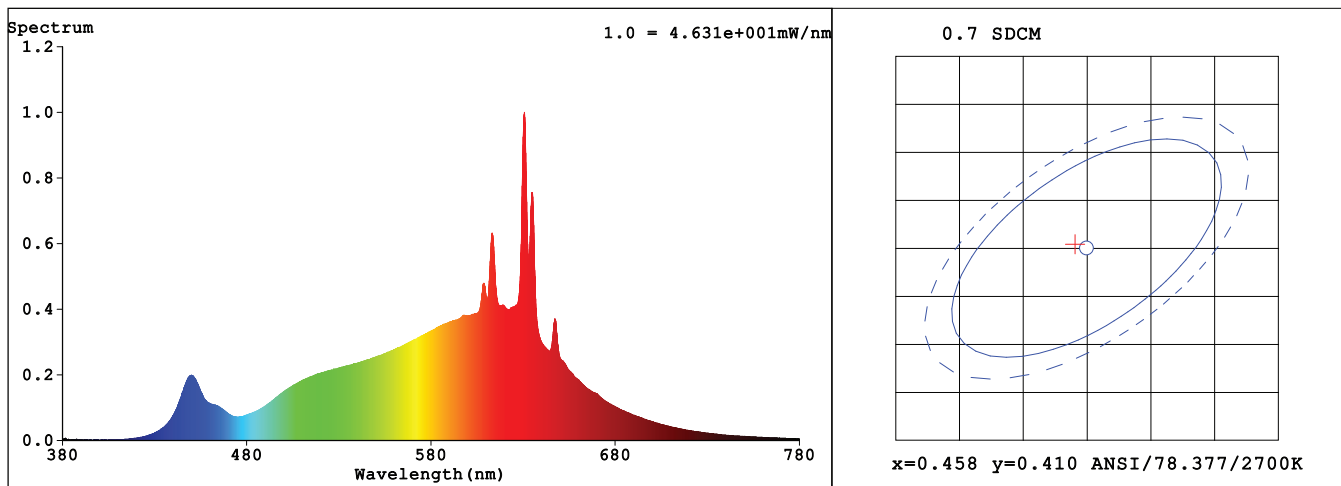
Sam. Status : First Sample Test  
Instrument : HaasSuite(EVERFINE)  
Remark : 1M  
Device SN : HS-2000

## Test Condition

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

RH : 60.0%  
IP : 53671 (82%)  
T : 94 ms

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4569$   $y = 0.4105$  /  $u' = 0.2606$   $v' = 0.5269$  ( $duv = -6.27e-05$ )

CCT= 2742K Prcp WL: Ld=583.9nm Purity=60.4%

Peak WL: Lp=631nm FWHM: =8.3nm Ratio:R=26.2% G=71.3% B=2.5%

Render Index: Ra = 92.8 CRI = 89.9 TM30:Rf=91 Rg=100

EEL: 0.12724 A+

R1 =94 R2 =97 R3 =99 R4 =94 R5 =94 R6 =97 R7 =90

R8 =79 R9 =52 R10=91 R11=96 R12=86 R13=94 R14=98 R15=88

LEVEL:OUT WHITE:ANSI\_2700K

## Photometric & Radiometric Parameters

Flux = 963.09 lm Eff. : 101.60 lm/W Fe = 2.9758 W

## Electrical parameters

V = 23.70 V I = 0.4000 A P = 9.480 W PF = 1.000 F=0.00 Hz



Date : 2026-03-19  
Test by : E.V.  
Specification : AL-SL-DL-CC-IP20-24-3K-32  
Sample No. : 1

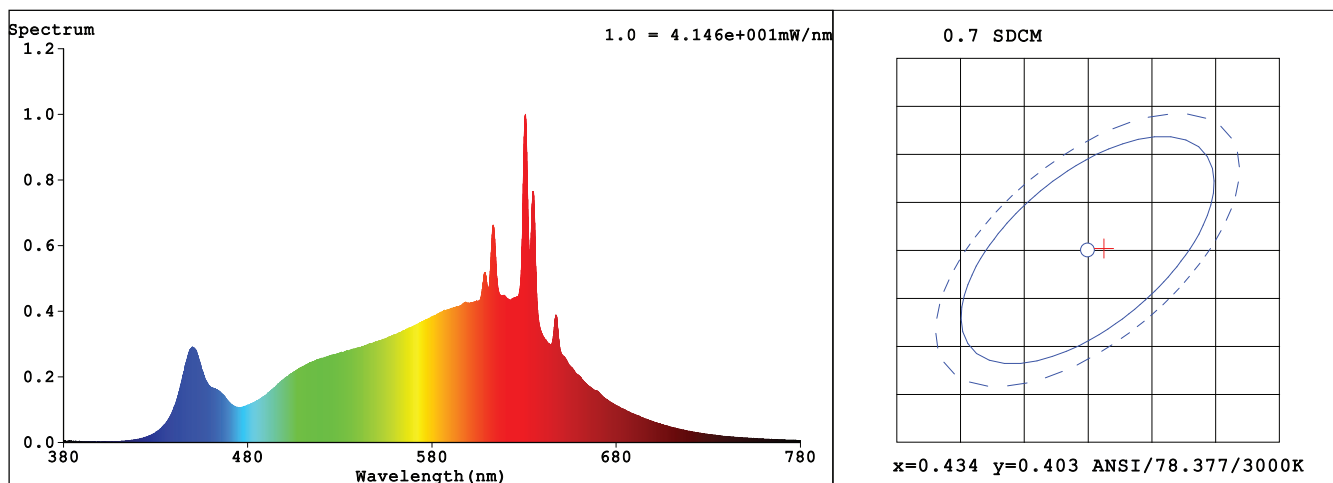
Sam. Status : First Sample Test  
Instrument : HaasSuite(EVERFINE)  
Remark : 1M  
Device SN : HS-2000

## Test Condition

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

RH : 60.0%  
IP : 53659 (82%)  
T : 105 ms

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4351$   $y = 0.4032$  /  $u' = 0.2497$   $v' = 0.5208$  ( $duv = -2.78e-04$ )  
CCT= 3025K Prcp WL: Ld=582.8nm Purity=51.6%  
Peak WL: Lp=631nm FWHM: =8.6nm Ratio:R=24.2% G=72.8% B=3.0%  
Render Index: Ra = 93.1 CRI = 90.1 TM30:Rf=91 Rg=99

EEL: 0.12243 A+

R1 =94 R2 =97 R3 =98 R4 =94 R5 =94 R6 =96 R7 =91  
R8 =80 R9 =55 R10=92 R11=96 R12=83 R13=95 R14=98 R15=89  
LEVEL:OUT WHITE:ANSI\_3000K

## Photometric & Radiometric Parameters

Flux = 1003.6 lm Eff. : 106.38 lm/W Fe = 3.1019 W

## Electrical parameters

V = 23.73 V I = 0.3975 A P = 9.434 W PF = 1.000 F=0.00 Hz



Date : 2026-03-20  
 Test by : E.V.  
 Specification : AL-SL-DL-CC-IP20-24-4K-32  
 Sample No. : 1

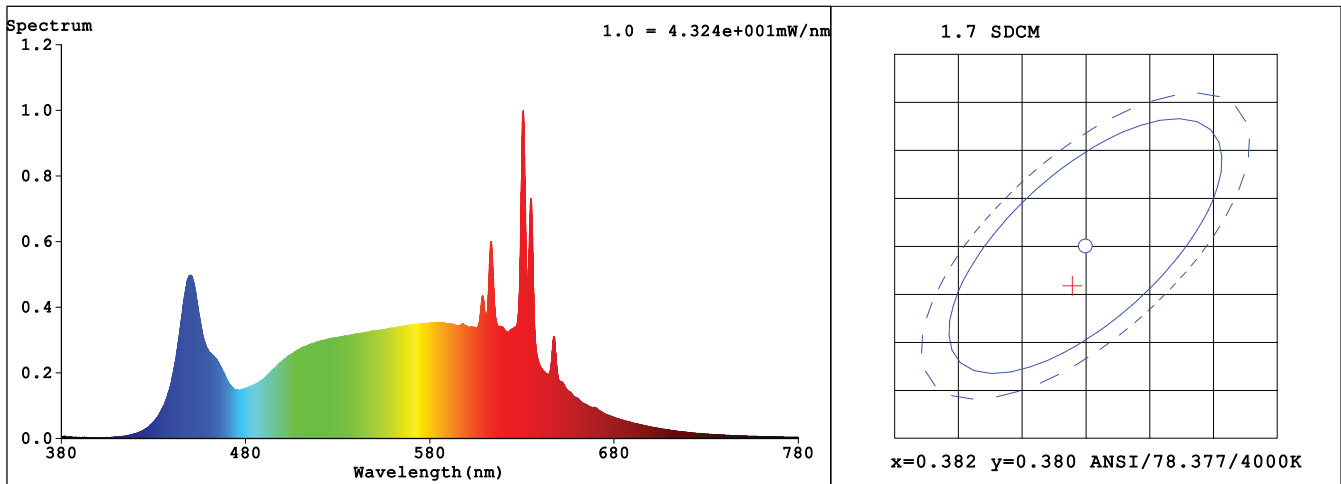
Sam. Status : First Sample Test  
 Instrument : HaasSuite(EVERFINE)  
 Remark : 1M  
 Device SN : HS-2000

## Test Condition

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

RH : 60.0%  
 IP : 53842 (82%)  
 T : 101 ms

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3808$   $y = 0.3756$  /  $u' = 0.2258$   $v' = 0.5011$  ( $duv = -5.01e-04$ )

CCT= 3983K Prcp WL: Ld=579.5nm Purity=27.0%

Peak WL: Lp=631nm FWHM: =4.4nm Ratio:R=20.0% G=75.8% B=4.2%

Render Index: Ra = 93.9 CRI = 90.7 TM30:Rf=91 Rg=100

EEL: 0.12155 A+

R1 =95 R2 =96 R3 =95 R4 =95 R5 =94 R6 =94 R7 =94  
 R8 =87 R9 =67 R10=89 R11=95 R12=74 R13=95 R14=97 R15=92  
 LEVEL:OUT WHITE:ANSI\_4000K

## Photometric & Radiometric Parameters

Flux = 1023.0 lm Eff.: 107.52 lm/W Fe = 3.1549 W

## Electrical parameters

V = 23.69 V I = 0.4016 A P = 9.515 W PF = 1.000 F=0.00 Hz



Date : 2026-03-20  
Test by : E.V.  
Specification : AL-SL-DL-CC-IP20-24-6K-32  
Sample No. : 1

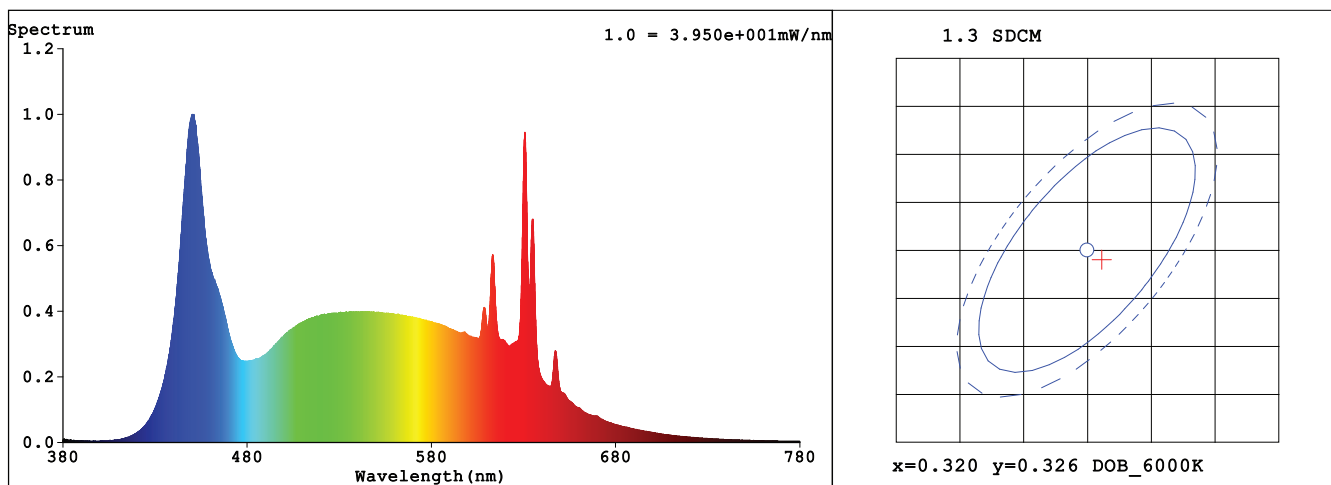
Sam. Status : First Sample Test  
Instrument : HaasSuite(EVERFINE)  
Remark : 1M  
Device SN : HS-2000

## Test Condition

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

RH : 60.0%  
IP : 53850 (82%)  
T : 117 ms

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3212$   $y = 0.3246$  /  $u' = 0.2055$   $v' = 0.4672$  ( $duv = -2.71e-03$ )

CCT= 6070K Prcp WL:  $L_d = 481.7nm$  Purity=4.8%

Peak WL:  $L_p = 451nm$  FWHM: =19.5nm Ratio:R=16.3% G=77.5% B=6.1%

Render Index: Ra = 95.1 CRI = 92.8 TM30:Rf=91 Rg=102

EEL: 0.11940 A+

R1 =97 R2 =96 R3 =92 R4 =97 R5 =96 R6 =91 R7 =96  
R8 =96 R9 =86 R10=89 R11=95 R12=71 R13=98 R14=95 R15=98

LEVEL:OUT WHITE:OUT

## Photometric & Radiometric Parameters

Flux = 1067.7 lm Eff. : 110.30 lm/W Fe = 3.5738 W

## Electrical parameters

V = 24.00 V I = 0.4034 A P = 9.680 W PF = 1.000 F=0.00 Hz

