

Date : 2026-01-31 09:58:05
Test by : E.V.
Specification : AL-SL-AR-IP20-24-D2W
Sample No. : 1

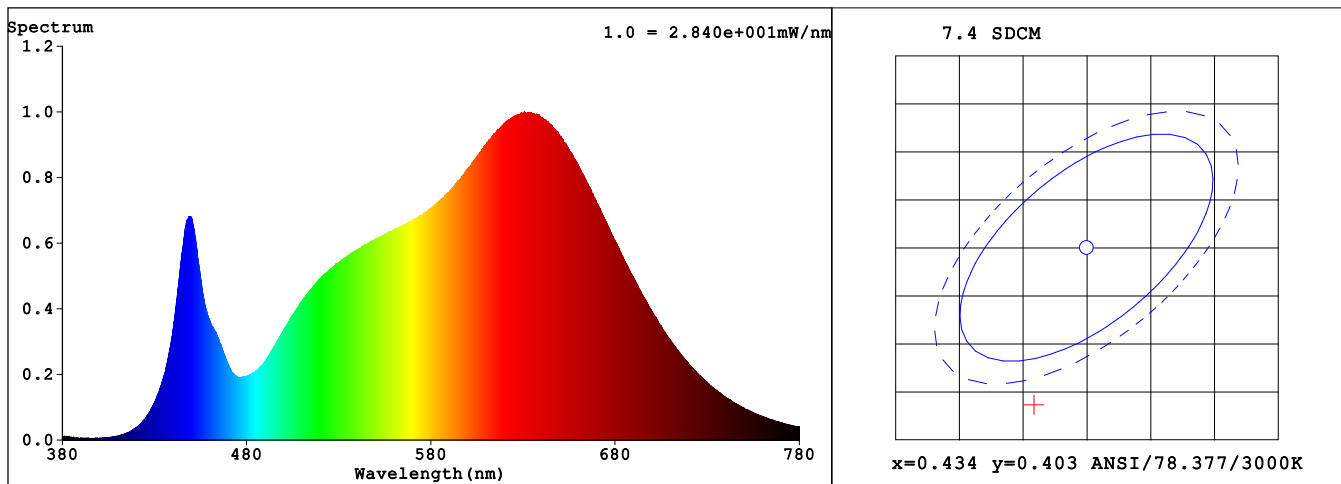
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 46372 (71%)
T : 132 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4297$ $y = 0.3866$ / $u' = 0.2535$ $v' = 0.5132$ ($duv = -6.34e-03$)

CCT= 2979K Prcp WL: Ld=585.4nm Purity=45.0%

Peak WL: Lp=631nm FWHM: =168.2nm Ratio:R=25.1% G=72.0% B=2.8%

Render Index: Ra = 96.1 CRI = 95.1 TM30:Rf=90 Rg=106

EEL: 0.16746 A+

R1 =99 R2 =98 R3 =94 R4 =94 R5 =98 R6 =96 R7 =95
R8 =95 R9 =90 R10=94 R11=93 R12=88 R13=99 R14=96 R15=99
LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 1334.1 lm Eff. : 81.35 lm/W Fe = 5.0233 W

Electrical parameters

V = 24.00 V I = 0.6834 A P = 16.40 W PF = 1.000 F=0.00 Hz



Date : 2026-01-31 09:59:47
 Test by : E.V.
 Specification : AL-SL-AR-IP20-24-D2W
 Sample No. : 2

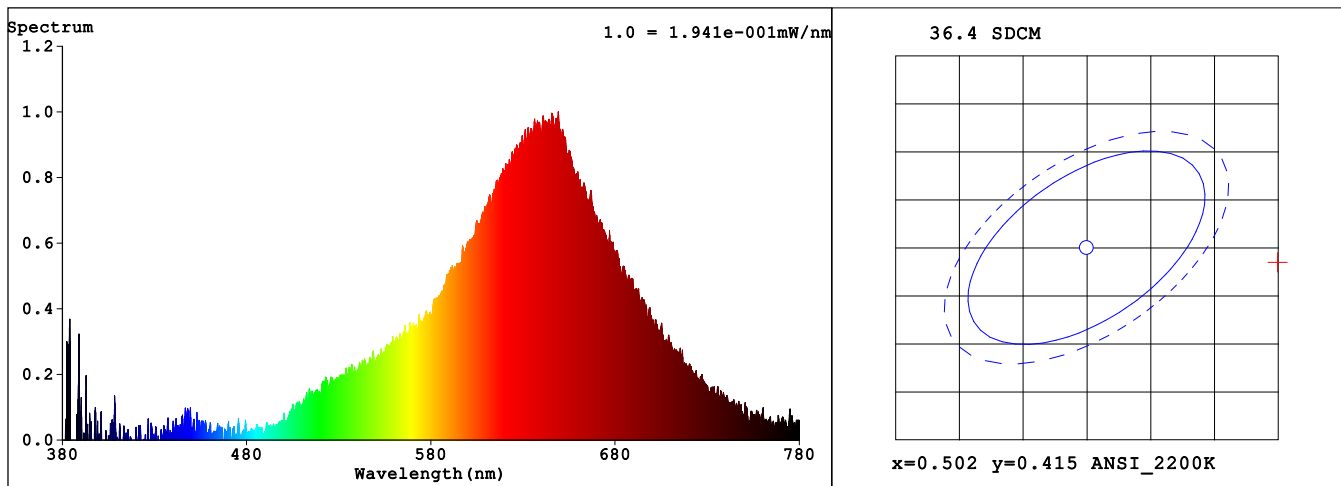
Sam. Status : First Sample Test
 Instrument : HaasSuite(EVERFINE)
 Remark : 1M
 Device SN : HS-2000

Test Condition

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

RH : 60.0%
 IP : 308 (0%)
 T : 132 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5586, y = 0.4138 / u' = 0.3263, v' = 0.5438$ (duv=1.59e-03)
 CCT= 1768K Prcp WL: Ld=590.6nm Purity=91.9%
 Peak WL: Lp=649nm FWHM: =96.4nm Ratio:R=38.8% G=60.7% B=0.6%
 Render Index: Ra = 93.9 CRI = 91.6 TM30:Rf=88 Rg=98

EI: 0.50362 B

R1 =95 R2 =97 R3 =94 R4 =97 R5 =94 R6 =98 R7 =93
 R8 =83 R9 =65 R10=90 R11=98 R12=91 R13=95 R14=94 R15=89
 LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 5.0124 lm Eff. : 4.49 lm/W Fe = 22.233 mW

Electrical parameters

V = 24.00 V I = 0.04650 A P = 1.116 W PF = 1.000 F=0.00 Hz

