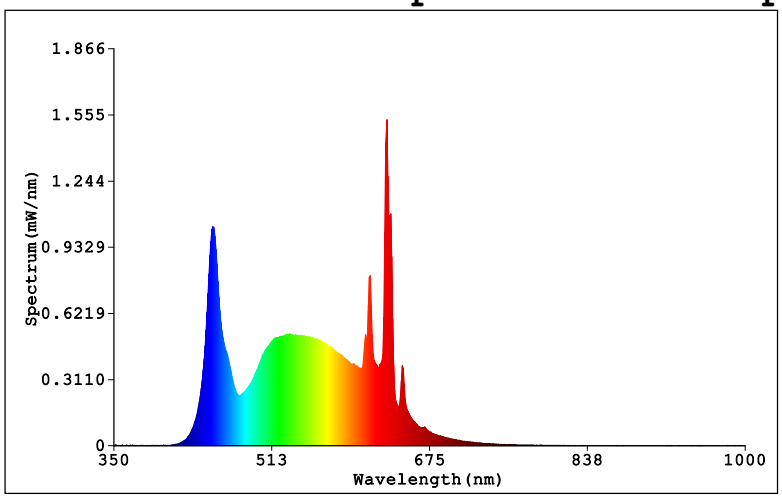
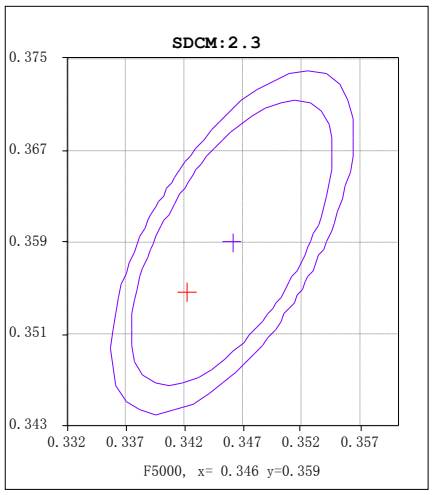
Spectrum Test Report





Color Parameters:

Chromaticity(2Deg):x=0.3422 y=0.3547/u'=0.2082 v'=0.4858 duv=2.755e-003

Tc=5122K Dominant WL:Ld=568.0nm Purity=9.1%

Ratio:R=18.1% G=76.9% B=5.0% Peak WL:Lp=630.8nm HWL:7.9nm

Render Index:Ra=96.2

R1 =99.00	R2 =96.51	R3 =90.19	R4 =96.01	R5 =98.28
R6 =93.84	R7 =97.95	R8 =97.78	R9 =97.28	R10=89.24
R11=93.04	R12=70.63	R13=98.99	R14=93.61	R15=97.48

TM30 Parameters: Rf = 93.1, Rg:102.4

Photo Parameters:

Flux = 34.46 lm Eff. : 212.88 lm/W Fe = 108.5 mW

e=4.975e-001umol/s blue ratio=3.1 fluo. eff.=5.066e-001

Electrical parameters:

VF = 5.400 V IF = 29.98 mA P = 161.9 mW

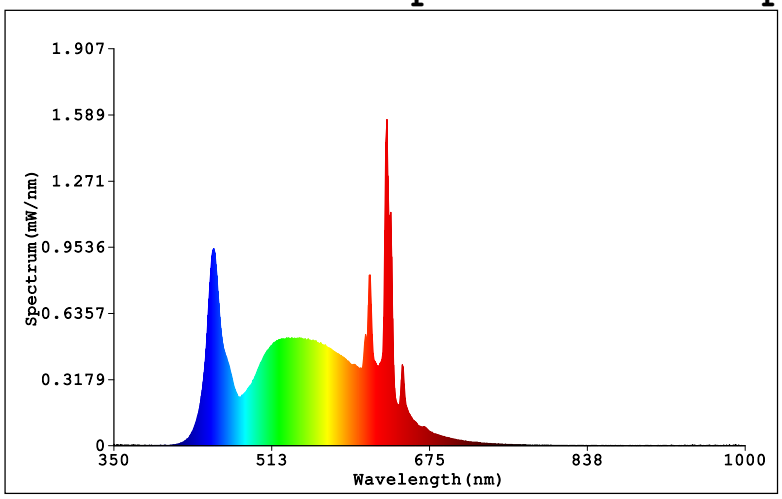
LEVEL:**[OUT] WHITE:ANSI_5000K

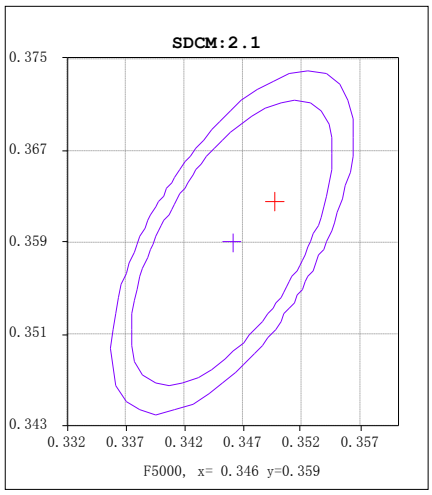
Status: T=100.00ms Ip=38694 (59%) [HAAS2000_V3_USB] V2.00.324

Model:2835 W 4985±175K Number:30101-0568-00
Tester:CJ Date:2026-06-15
Temperature:25.3Deg Humidity:65.0%
Manufactory:ipixel LED Remarks:

System:LED300 + HAAS2000_V3_USB

Spectrum Test Report





Color Parameters:

Chromaticity(2Deg):x=0.3496 y=0.3625/u'=0.2103 v'=0.4905 duv=3.587e-003

Tc=4874K Dominant WL:Ld=571.2nm Purity=13.7%

Ratio:R=18.5% G=76.6% B=4.9% Peak WL:Lp=630.7nm HWL:7.9nm

Render Index:Ra=96.6

R1 =98.97	R2 =96.93	R3 =91.59	R4 =98.66	R5 =96.71
R6 =94.20	R7 =98.57	R8 =97.26	R9 =97.82	R10=90.15
R11=95.05	R12=65.48	R13=97.71	R14=94.40	R15=95.76

TM30 Parameters: Rf = 93.4, Rg:101.7

Photo Parameters:

Flux = 34.54 lm Eff. : 213.70 lm/W Fe = 108.0 mW

e=4.981e-001umol/s blue ratio=3.35 fluo. eff.=5.135e-001

Electrical parameters:

VF = 5.390 V IF = 29.98 mA P = 161.6 mW

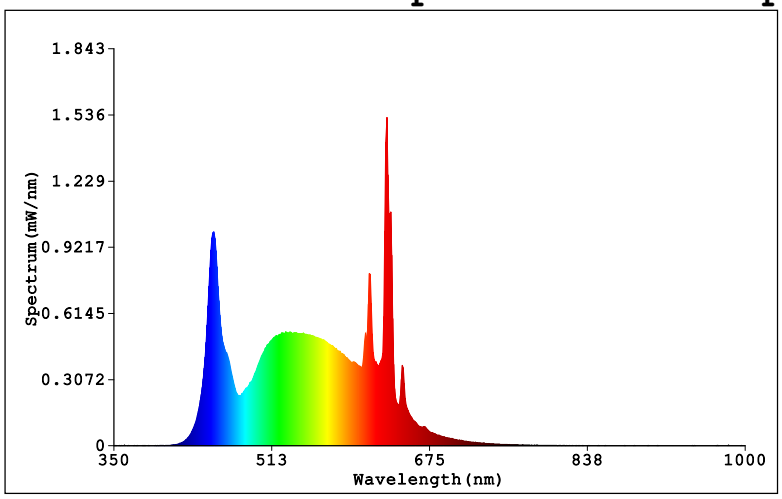
LEVEL:**[OUT] WHITE:ANSI_5000K

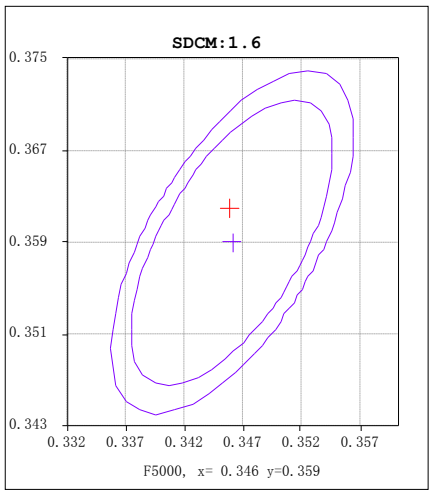
Status: T=100.00ms Ip=39451 (60%) [HAAS2000_V3_USB] V2.00.324

Model:2835 W 4985±175K Number:30101-0568-00
Tester:CJ Date:2026-06-15
Temperature:25.3Deg Humidity:65.0%
Manufactory:ipixel LED Remarks:

System:LED300 + HAAS2000_V3_USB

Spectrum Test Report





Color Parameters:

Chromaticity(2Deg):x=0.3458 y=0.3619/u'=0.2080 v'=0.4897 duv=4.806e-003

Tc=5008K Dominant WL:Ld=568.6nm Purity=12.4%

Ratio:R=18.0% G=77.1% B=4.9% Peak WL:Lp=630.8nm HWL:7.9nm

Render Index:Ra=96.4

R1 =98.51	R2 =95.79	R3 =90.96	R4 =96.87	R5 =96.81
R6 =93.66	R7 =98.61	R8 =99.65	R9 =95.25	R10=88.01
R11=94.10	R12=69.70	R13=97.39	R14=94.15	R15=97.29

TM30 Parameters: Rf = 93.2, Rg:101.3

Photo Parameters:

Flux = 34.71 lm Eff. : 214.12 lm/W Fe = 107.8 mW

e=4.951e-001umol/s blue ratio=3.28 fluo. eff.=5.092e-001

Electrical parameters:

VF = 5.414 V IF = 29.94 mA P = 162.1 mW

LEVEL:**[OUT] WHITE:ANSI_5000K

Status: T=100.00ms Ip=38290 (58%) [HAAS2000_V3_USB] V2.00.324