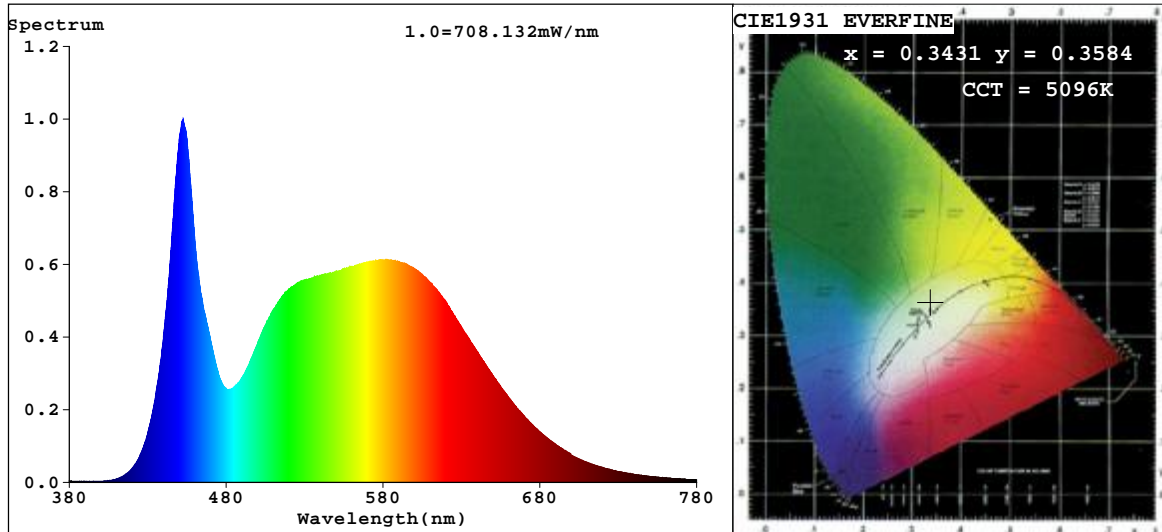


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3431$ $y=0.3584$ / $u'=0.2075$ $v'=0.4877$
 CCT=5096K(Duv=0.0042) Dominant WL:Ld =567.5nm WL:Lc = --nm Purity=10.5%
 Ratio:R=15.5% G=79.9% B=4.6% Peak WL:Lp=452.6nm FWHM=22.6nm
 Render Index:Ra=83.7 AvgR=76.8

R1 =82 R2 =88 R3 =93 R4 =83 R5 =82 R6 =84 R7 =88
 R8 =68 R9 =10 R10=72 R11=83 R12=62 R13=83 R14=96 R15=76

Photo Parameters:

Flux = 27969 lm Eff. : 140.19 lm/W Fe = 87.04 W
 Scotopic:55564 S/P:1.9866

Electrical parameters:

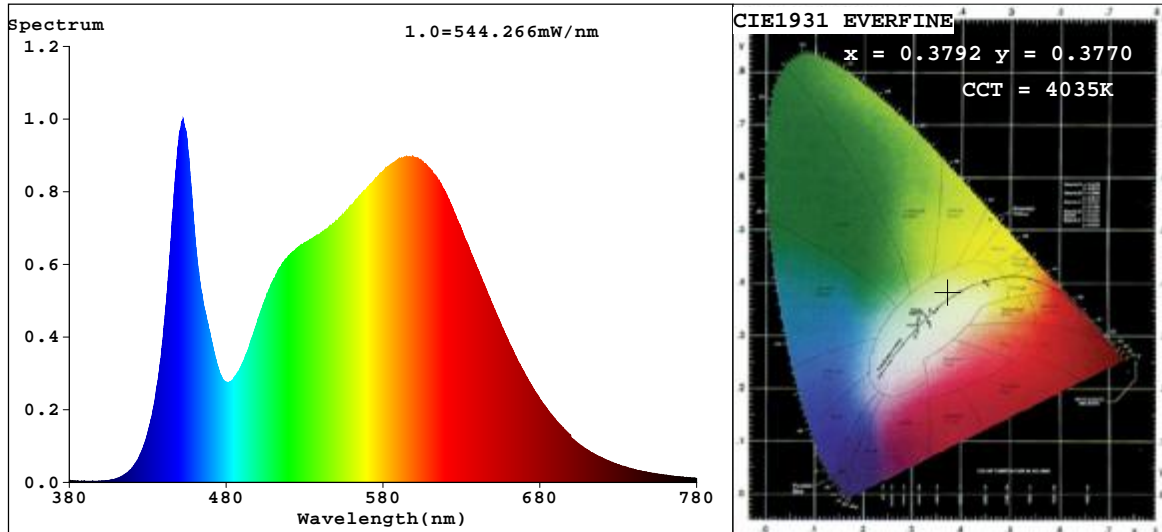
V = 230.03 V I = 0.8851 A P = 199.5 W PF = 0.9799
 LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 9 ms Ip = 51337 (78%)

Model:HBL200W-03-G4-5000K
 Tester:DAMIN
 Temperature:25.3Deg
 Manufacturer:1

Number:1
 Date:2023-10-19 15:20:06
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3792 y=0.3770/u'=0.2242 v'=0.5015
 CCT=4035K(Duv=0.0005) Dominant WL:Ld =578.7nm WL:Lc = --nm Purity=26.9%
 Ratio:R=18.5% G=77.8% B=3.7% Peak WL:Lp=452.6nm FWHM=23.3nm
 Render Index:Ra=85.0 AvgR=79.0

R1 =84 R2 =91 R3 =96 R4 =84 R5 =84 R6 =87 R7 =87
 R8 =68 R9 =18 R10=78 R11=84 R12=64 R13=86 R14=98 R15=78

Photo Parameters:

Flux = 28464 lm Eff. : 148.88 lm/W Fe = 87.50 W
 Scotopic:49001 S/P:1.7215

Electrical parameters:

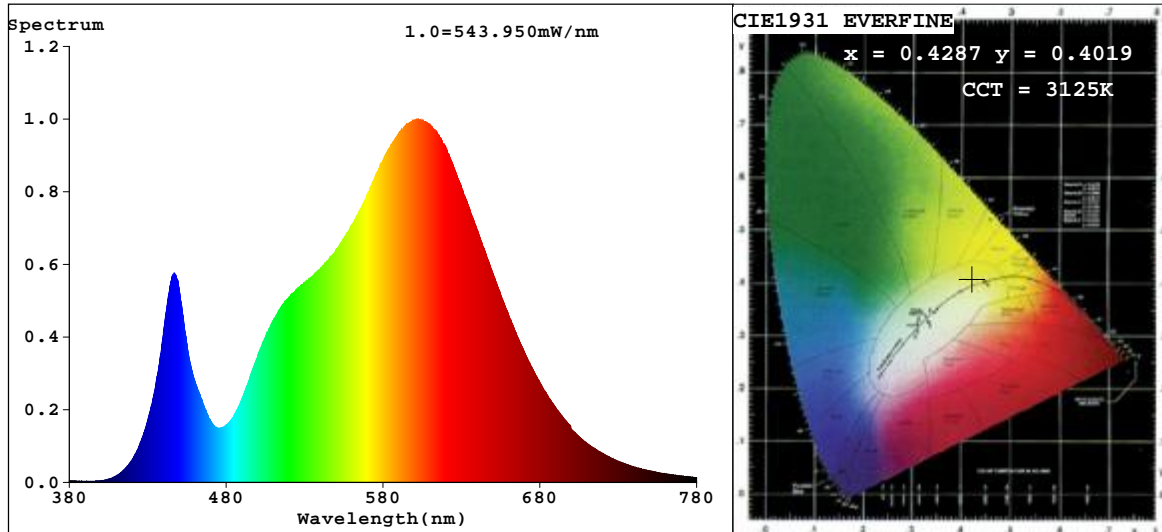
V = 230.01 V I = 0.8492 A P = 191.2 W PF = 0.9789
 LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 7 ms Ip = 49286 (75%)

Model:HBL200W-03-G4-4000K
 Tester:DAMIN
 Temperature:25.3Deg
 Manufacturer:1

Number:2
 Date:2023-10-19 15:28:43
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4287$ $y=0.4019$ / $u'=0.2462$ $v'=0.5193$
 CCT=3125K (Duv=0.0003) Dominant WL:Ld =582.2nm WL:Lc = --nm Purity=49.3%
 Ratio:R=22.1% G=75.5% B=2.4% Peak WL:Lp=602.5nm FWHM=138.8nm
 Render Index:Ra=82.5 AvgR=76.5

R1 =81 R2 =89 R3 =96 R4 =82 R5 =81 R6 =86 R7 =84
 R8 =60 R9 =6 R10=75 R11=82 R12=71 R13=82 R14=98 R15=73

Photo Parameters:

Flux = 27395 lm Eff. : 135.75 lm/W Fe = 82.98 W
 Scotopic:37375 S/P:1.3643

Electrical parameters:

V = 230.04 V I = 0.8949 A P = 201.8 W PF = 0.9802
 LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 7 ms Ip = 46762 (71%)

Model:HBL-200W-03-G4-3000K	Number:3
Tester:DAMIN	Date:2023-10-19 15:38:05
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:1	Remarks: