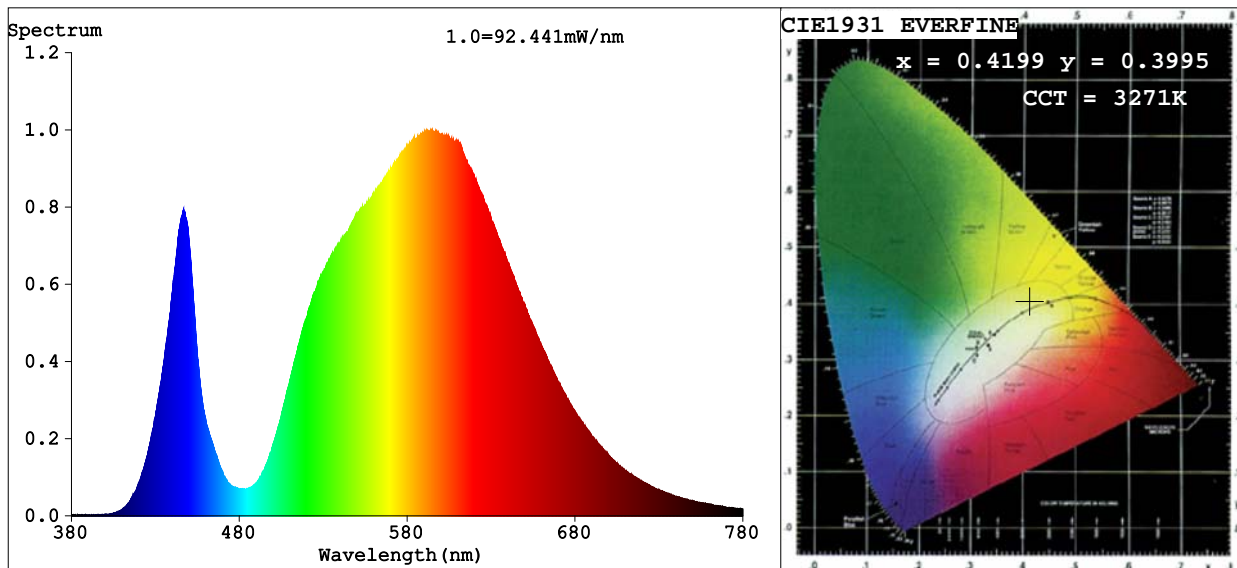




## INDEX

CONTENT	Pg. No.
1. SPECTRUM TEST REPORT - 3000K	1
2. SPECTRUM TEST REPORT - 4000K	2
3. SPECTRUM TEST REPORT - 5000K	3
4. SPECTRUM TEST REPORT - 5700K	4

### Spectrum Test Report



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4199$   $y=0.3995$  /  $u'=0.2415$   $v'=0.5170$   
 CCT=3271K (Duv=0.0008) Dominant WL:Ld =581.4nm Purity=46.0%  
 Ratio:R=20.1% G=78.4% B=1.5% Peak WL:Lp=594.9nm FWHM=135.3nm  
 Render Index:Ra=73.2  
 R1 =72 R2 =79 R3 =85 R4 =73 R5 =70 R6 =70 R7 =82  
 R8 =55 R9 =0 R10=50 R11=68 R12=43 R13=72 R14=91 R15=66

**Photo Parameters:**

Flux = 4936 lm Eff. : 130.03 lm/W Fe = 14.47 W

**Electrical parameters:**

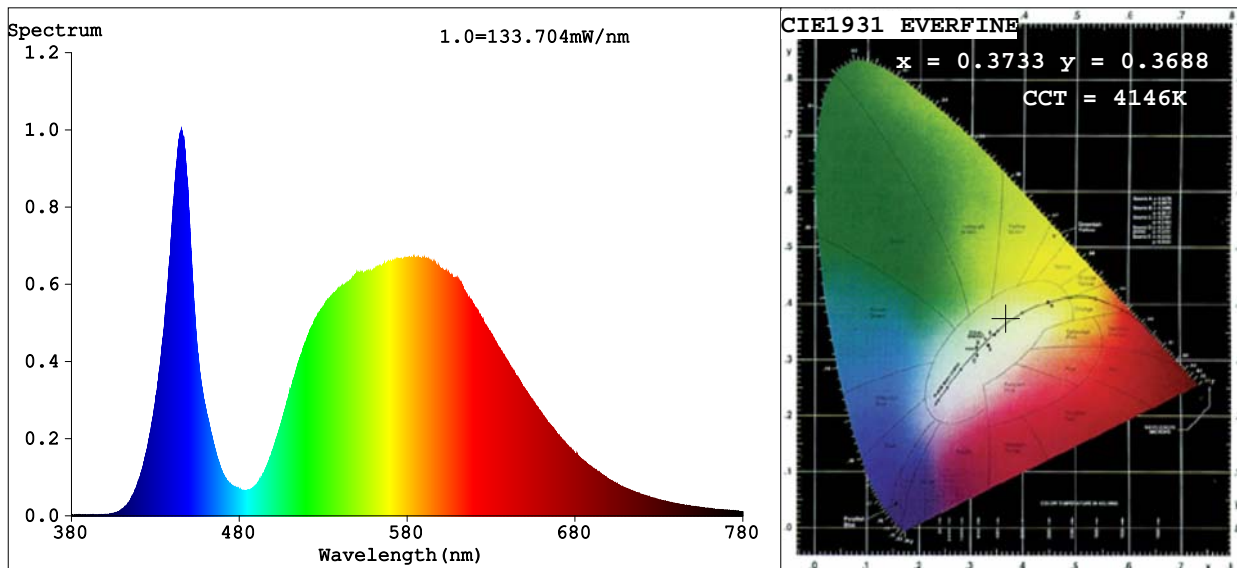
V = 220.51 V I = 0.1797 A P = 37.96 W PF = 0.9581

Status: Integral T = 260 ms Ip = 54942 (84%)

---

Model:Nayan 40W 3000K 2209 3H 1X12 Number:01  
 Tester: Date:2016-09-23 14:00:05  
 Temperature:25.0Deg Humidity:45%  
 Manufacturer: Remarks:

### Spectrum Test Report



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3733$   $y=0.3688$  /  $u'=0.2235$   $v'=0.4970$   
 CCT=4146K (Duv=-0.0016) Dominant WL:Ld =579.5nm Purity=22.7%  
 Ratio:R=17.0% G=80.9% B=2.1% Peak WL:Lp=445.5nm FWHM=18.4nm  
 Render Index:Ra=73.0  
 R1 =73 R2 =77 R3 =79 R4 =74 R5 =72 R6 =67 R7 =81  
 R8 =61 R9 =0 R10=45 R11=71 R12=42 R13=73 R14=88 R15=69

**Photo Parameters:**

Flux = 5302 lm Eff. : 133.75 lm/W Fe = 15.93 W

**Electrical parameters:**

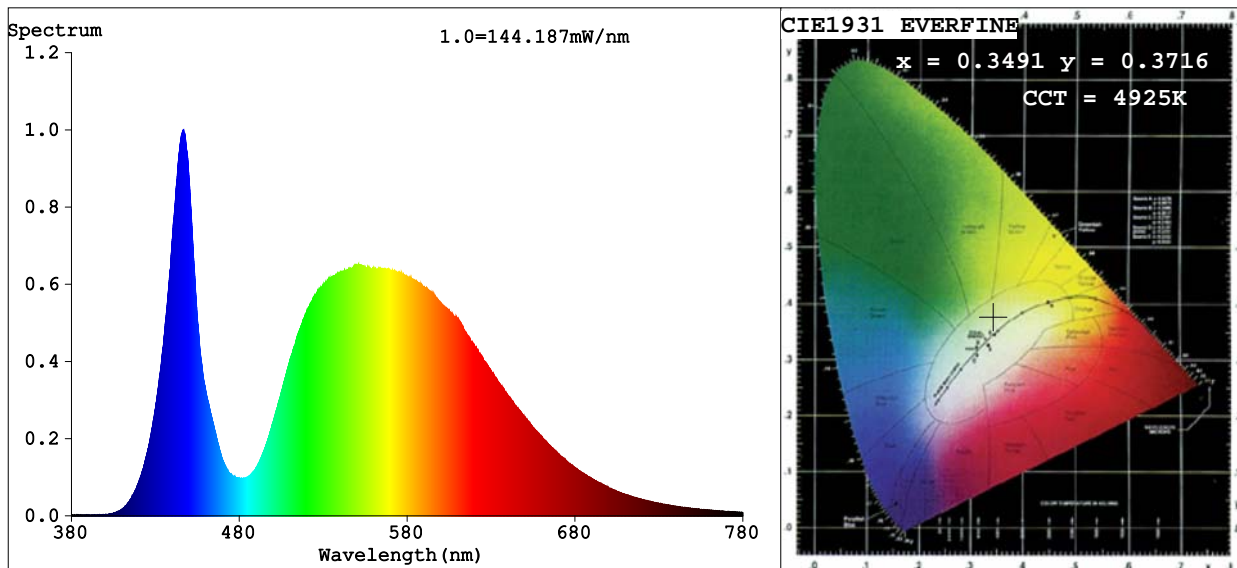
V = 220.46 V I = 0.1871 A P = 39.64 W PF = 0.9608

Status: Integral T = 260 ms Ip = 51008 (78%)

---

Model:Nayan 40W 4000K 2209 3H 1X12 Number:01  
 Tester: Date:2016-09-23 13:51:00  
 Temperature:25.0Deg Humidity:45%  
 Manufacturer: Remarks:

### Spectrum Test Report



**Color Parameters:**

Chromaticity Coordinate: $x=0.3491$   $y=0.3716/u'=0.2066$   $v'=0.4947$   
 CCT=4925K(Duv=0.0082) Dominant WL:Ld =568.0nm Purity=16.3%  
 Ratio:R=14.1% G=83.2% B=2.7% Peak WL:Lp=446.9nm FWHM=19.4nm  
 Render Index:Ra=71.2  
 R1 =68 R2 =74 R3 =80 R4 =73 R5 =69 R6 =66 R7 =82  
 R8 =59 R9 =0 R10=40 R11=69 R12=39 R13=69 R14=89 R15=62

**Photo Parameters:**

Flux = 5652 lm Eff. : 142.35 lm/W Fe = 16.57 W

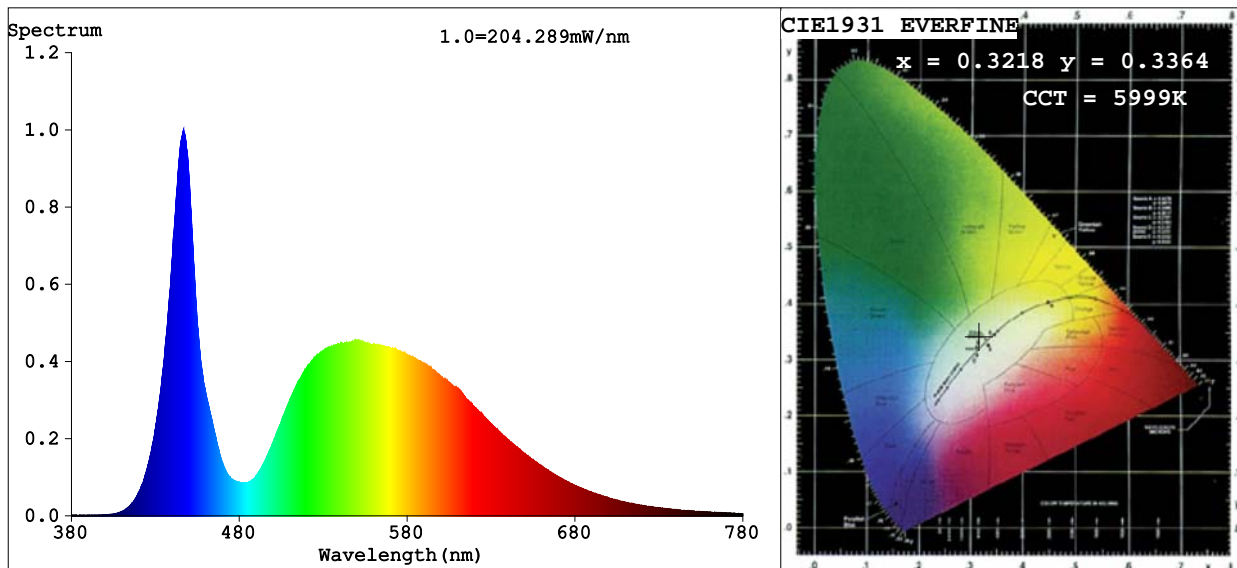
**Electrical parameters:**

V = 220.44 V I = 0.1880 A P = 39.70 W PF = 0.9581

Status: Integral T = 156 ms Ip = 32608 (50%)

Model:Nayan 40W 5000K 2209 3H 1X12 Number:01  
 Tester: Date:2016-09-23 13:49:26  
 Temperature:25.0Deg Humidity:45%  
 Manufacturer: Remarks:

### Spectrum Test Report



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3218$   $y=0.3364$  /  $u'=0.2013$   $v'=0.4736$   
 CCT=5999K (Duv=0.0025) Dominant WL:Ld =495.1nm Purity=3.7%  
 Ratio:R=13.1% G=83.5% B=3.5% Peak WL:Lp=446.9nm FWHM=17.9nm  
 Render Index:Ra=73.3  
 R1 =73 R2 =76 R3 =76 R4 =75 R5 =74 R6 =68 R7 =80  
 R8 =64 R9 =0 R10=41 R11=75 R12=44 R13=72 R14=87 R15=68

**Photo Parameters:**

Flux = 5555 lm Eff. : 141.08 lm/W Fe = 17.30 W

**Electrical parameters:**

V = 220.44 V I = 0.1865 A P = 39.38 W PF = 0.9579

Status: Integral T = 156 ms Ip = 40433 (62%)

---

Model:Nayan 40W 5700K 2209 3H 1X12 Number:01  
 Tester: Date:2016-09-23 13:47:48  
 Temperature:25.0Deg Humidity:45%  
 Manufacturer: Remarks: