

## Lightsource Test Report

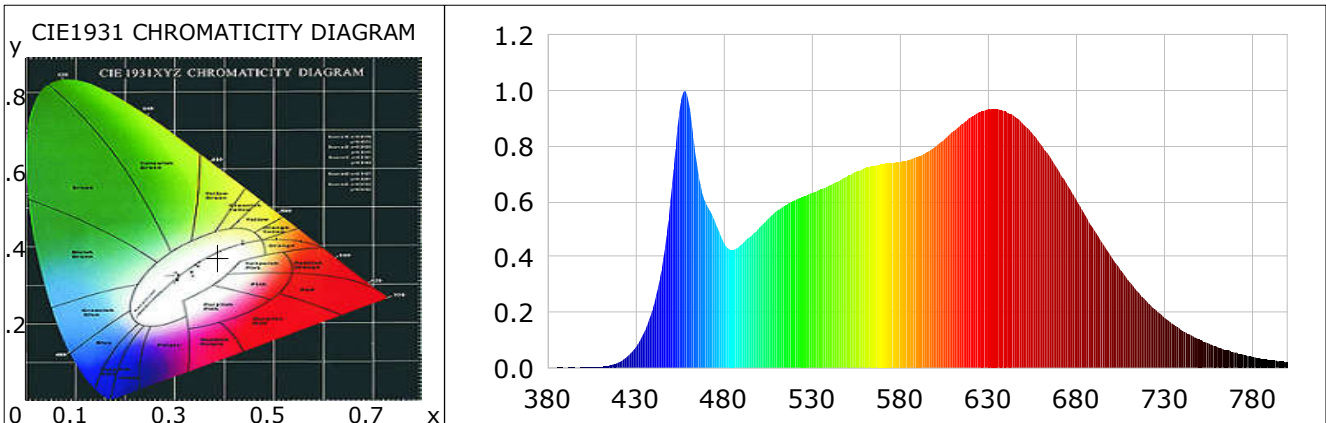
### Product Information

Product Category: LK2H196-24-NW-33

Product Spec:

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3874$   $y=0.3730$   $u(u')=0.2312$   $v=0.3340$   $v'=0.5009$   
 CCT:  $T_c=3785K$  ( $duv=-0.00371$ ) Color Ratio:  $R=0.217$   $G=0.735$   $B=0.048$   
 Peak Wavelength: 458.1nm Half Bandwidth: 28.8nm  
 Dominant Wavelength: 581.9nm Color Purity: 0.282  
 CRI:  $R_a=95.8$ ,  $avgR(1\sim14)=94.6$ ,  $avgR(1\sim15)=94.6$  TM30:  $R_f=90$ ,  $R_g=99$   
 $R_1=96$   $R_2=96$   $R_3=98$   $R_4=96$   $R_5=95$   $R_6=94$   $R_7=94$   $R_8=95$   
 $R_9=93$   $R_{10}=93$   $R_{11}=98$   $R_{12}=76$   $R_{13}=95$   $R_{14}=99$   $R_{15}=94$   
 Color Quality Scale:  $Q_a=94.9$ ,  $Q_f=94.1$ ,  $Q_p=96.4$ ,  $Q_g=100.6$   
 $Q_1=91$   $Q_2=97$   $Q_3=93$   $Q_4=90$   $Q_5=91$   $Q_6=94$   $Q_7=99$   $Q_8=98$   
 $Q_9=100$   $Q_{10}=100$   $Q_{11}=99$   $Q_{12}=99$   $Q_{13}=99$   $Q_{14}=97$   $Q_{15}=94$



### Photometric Parameters

Luminous Flux: 1895.42 lm  
 EEI: 0.14

Efficiency: 99.20 lm/W

Radiant Power: 7.153 W

Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 24.000V  
 Power Factor: 1.0000

Current: 0.7962A  
 Frequency: 0.00Hz

Power: 19.11W

### Test Information

Scan Range: 380~800:1nm  
 Stabilization Time: 1 Sec  
 Max of Signal: 47957 (3660)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 CCD Integration Time: 132.55 ms

Condition:  $T_x=25.1^\circ C$ ,  $T_i=24.4^\circ C$ , R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Lisun LMS-9000A(Plus)  
 Test Time: 2018-09-19 12:05:16  
 Inspector: