

## Lightsource Test Report

### Product Infomation

Product Type: KELLY 10

Product Number: 52

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3341$   $y=0.3686$   $u(u')=0.1979$   $v=0.3274$   $v'=0.4911$

CCT:  $T_c=5446K$  ( $duv=0.01274$ )

Color Ratio:  $R=0.119$   $G=0.859$   $B=0.022$

Peak Wavelength: 442.9nm

Half Bandwidth: 22.3nm

Dominant Wavelength: 555.5nm

Color Purity: 0.110

CRI:  $R_a=63.8$

TM30:  $R_f=63$ ,  $R_g=91$

$R1=63$

$R2=63$

$R3=63$

$R4=70$

$R5=65$

$R6=52$

$R7=73$

$R8=59$

$R9=-45$

$R10=12$

$R11=69$

$R12=27$

$R13=60$

$R14=78$

$R15=57$

Color Quality Scale:  $Q_a=69.1$ ,  $Q_f=68.5$ ,  $Q_p=71.5$ ,  $Q_g=86.4$

$Q1=77$

$Q2=93$

$Q3=64$

$Q4=59$

$Q5=67$

$Q6=68$

$Q7=73$

$Q8=85$

$Q9=88$

$Q10=70$

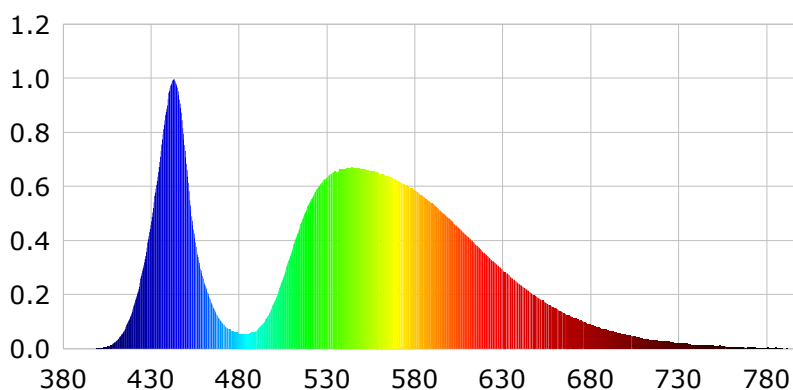
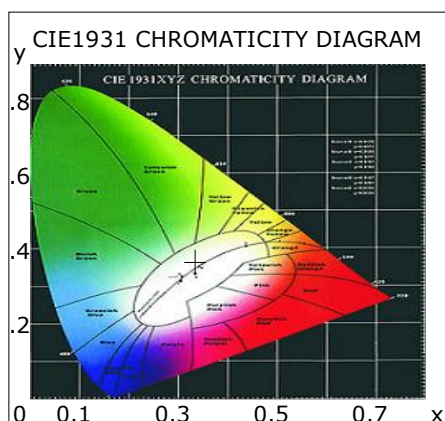
$Q11=65$

$Q12=67$

$Q13=70$

$Q14=54$

$Q15=64$



### Photometric Parameters

Luminous Flux: 2021.36 lm  
 EEI: 0.11

Efficiency: 118.58 lm/W

Radiant Power: 5.785 W

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

### Electric Parameters

Voltage: 24.354V

Current: 0.7000A

Power: 17.05W

Power Factor: 1.0000

Frequency: 0.00Hz

### Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 44756 (4277)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4 $\pi$

CCD Integration Time: 64.82 ms

Condition:  $T_x=31.8^\circ C$ ,  $T_i=0.0^\circ C$ , R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2017-06-06 11:39:03  
 Inspector: