

## Lightsource Test Report

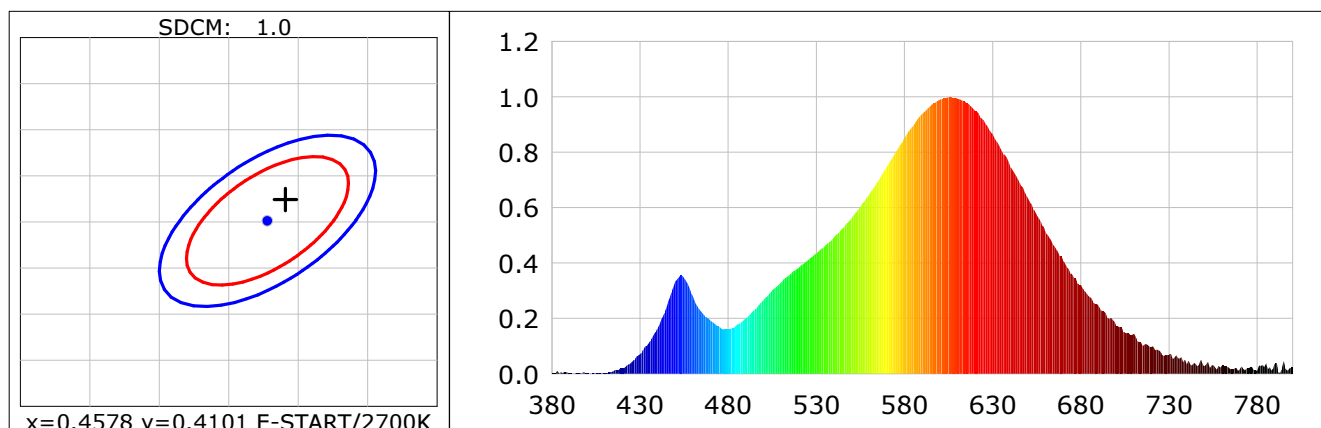
### Product Information

Product Type: RYET LED  
Product Number: 24

Product Spec: 600 lm  
Manufacturer: IKEA

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4591$   $y=0.4124$   $u(u')=0.2612$   $v=0.3519$   $v'=0.5279$   
CCT:  $T_c=2725K$  ( $duv=0.00073$ ) Color Ratio:  $R=0.246$   $G=0.732$   $B=0.022$   
Peak Wavelength: 605.7nm Half Bandwidth: 120.5nm  
Dominant Wavelength: 583.8nm Color Purity: 0.616  
CRI:  $R_a=81.0$  TM30:  $R_f=82$ ,  $R_g=95$   
 $R1=78$   $R2=90$   $R3=96$   $R4=78$   $R5=79$   $R6=88$   $R7=80$   $R8=56$   
 $R9=4$   $R10=77$   $R11=76$   $R12=72$   $R13=81$   $R14=98$   $R15=71$   
Color Quality Scale:  $Q_a=81.5$ ,  $Q_f=83.9$ ,  $Q_p=82.4$ ,  $Q_g=89.4$   
 $Q1=77$   $Q2=94$   $Q3=84$   $Q4=80$   $Q5=81$   $Q6=82$   $Q7=81$   $Q8=85$   
 $Q9=94$   $Q10=90$   $Q11=86$   $Q12=83$   $Q13=82$   $Q14=71$   $Q15=73$



### Photometric Parameters

Luminous Flux: 574.06 lm  
EEI: 0.13

Efficiency: 87.51 lm/W Radiant Power: 1.769 W  
Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 229.60V  
Power Factor: 0.5040

Current: 0.0560A  
Frequency: 49.99Hz

Power: 6.56W

### Test Information

Scan Range: 380~800:1nm  
Stabilization Time: 0 ms  
Max of Signal: 44750 (4099)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 2.00m, 4PI  
CCD Integration Time: 990.25 ms

Condition:  $T_x=28.8^{\circ}C$ ,  $T_i=26.9^{\circ}C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Lisun LMS-9000A(Plus)  
Test Time: 2017-08-30 11:21:34  
Inspector: