

## Lightsource Test Report

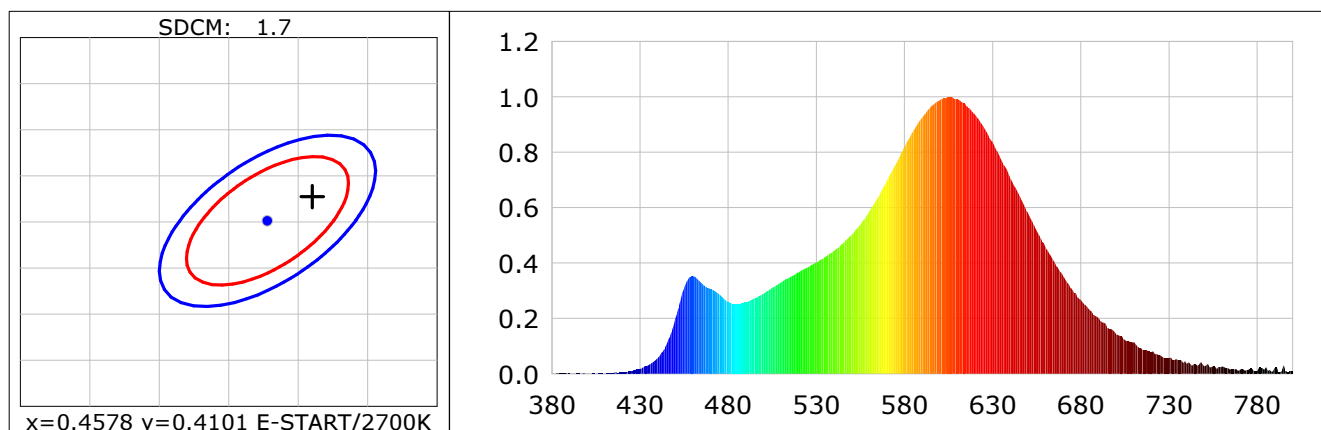
### Product Information

Product Type: LED  
Product Number: 28

Product Spec: 1055 lm  
Manufacturer: PILA

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4610$   $y=0.4127$   $u(u')=0.2623$   $v=0.3522$   $v'=0.5283$   
CCT:  $T_c=2700K$  ( $duv=0.00068$ ) Color Ratio:  $R=0.251$   $G=0.720$   $B=0.028$   
Peak Wavelength: 606.0nm Half Bandwidth: 106.8nm  
Dominant Wavelength: 603.4nm Color Purity: 0.623  
CRI:  $R_a=81.3$  TM30:  $R_f=80$ ,  $R_g=90$   
 $R1=81$   $R2=94$   $R3=89$   $R4=77$   $R5=82$   $R6=95$   $R7=76$   $R8=53$   
 $R9=2$   $R10=89$   $R11=77$   $R12=79$   $R13=84$   $R14=94$   $R15=71$   
Color Quality Scale:  $Q_a=82.0$ ,  $Q_f=84.6$ ,  $Q_p=81.7$ ,  $Q_g=85.5$   
 $Q1=76$   $Q2=90$   $Q3=90$   $Q4=82$   $Q5=80$   $Q6=80$   $Q7=81$   $Q8=86$   
 $Q9=91$   $Q10=94$   $Q11=90$   $Q12=85$   $Q13=82$   $Q14=71$   $Q15=73$



### Photometric Parameters

Luminous Flux: 1091.28 lm  
EEI: 0.12

Efficiency: 106.88 lm/W Radiant Power: 3.337 W  
Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 229.60V  
Power Factor: 0.5260

Current: 0.0840A  
Frequency: 49.99Hz

Power: 10.21W

### Test Information

Scan Range: 380~800:1nm  
Stabilization Time: 0 ms  
Max of Signal: 44254 (3571)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 2.00m, 4PI  
CCD Integration Time: 495.63 ms

Condition:  $T_x=28.7^\circ C$ ,  $T_i=26.8^\circ C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Lisun LMS-9000A(Plus)  
Test Time: 2017-08-30 11:27:13  
Inspector: