

## Lightsource Test Report

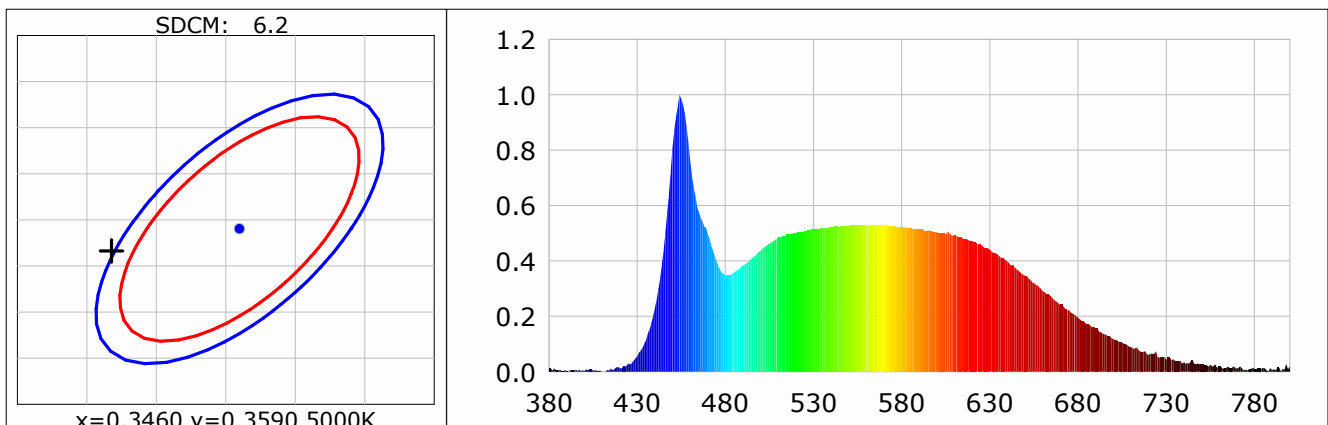
### Product Information

Product Type: LHLBM155N30100 & LHLBMS155N30100

Product Number: 54

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3368$   $y=0.3566$   $u(u')=0.2039$   $v=0.3239$   $v'=0.4859$   
 CCT:  $T_c=5334K$  ( $duv=0.00591$ ) Color Ratio:  $R=0.159$   $G=0.782$   $B=0.059$   
 Peak Wavelength: 454.2nm Half Bandwidth: 24.0nm  
 Dominant Wavelength: 560.5nm Color Purity: 0.081  
 CRI:  $R_a=90.6$  TM30:  $R_f=84$ ,  $R_g=93$   
 $R1=90$   $R2=96$   $R3=97$   $R4=88$   $R5=89$   $R6=93$   $R7=91$   $R8=81$   
 $R9=51$   $R10=90$   $R11=89$   $R12=67$   $R13=92$   $R14=99$   $R15=86$   
 Color Quality Scale:  $Q_a=89.7$ ,  $Q_f=89.8$ ,  $Q_p=88.6$ ,  $Q_g=93.9$   
 $Q1=86$   $Q2=97$   $Q3=89$   $Q4=84$   $Q5=86$   $Q6=87$   $Q7=91$   $Q8=94$   
 $Q9=98$   $Q10=97$   $Q11=94$   $Q12=93$   $Q13=92$   $Q14=86$   $Q15=87$



### Photometric Parameters

Luminous Flux: 290.55 lm  
 EEI: 0.18

Efficiency: 56.31 lm/W

Radiant Power: 1.112 W

Energy Efficiency Class: A (EU 874-2012)

### Electric Parameters

Voltage: 219.80V  
 Power Factor: 0.3740

Current: 0.0700A  
 Frequency: 50.00Hz

Power: 5.16W

### Test Information

Scan Range: 380~800:1nm  
 Stabilization Time: 0 Sec  
 Max of Signal: 44279 (4185)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4π  
 CCD Integration Time: 2403.65 ms