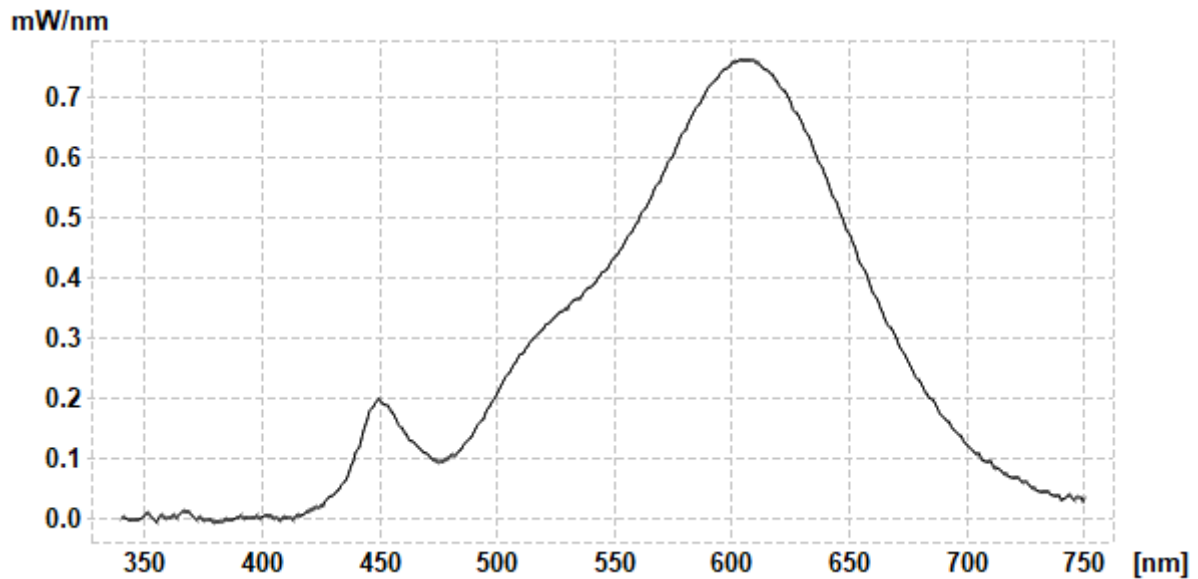




## MEASURING REPORT

Astro Lighting  
 Certification according to CIE  
 Kuro 250 - Dimmest Setting  
 Date 2020-10-05 14:14  
 HS



### Results

#### Chromaticity coordinates

CIE 1931 2° observer	CIE 1964 10° observer
$x = 0.4683$ $y = 0.4280$ $Y = 35.59 \text{ lm}$	$x = 0.4765$ $y = 0.4227$ $Y = 37.14$
$u' = 0.2601$ $v' = 0.5351$	$u' = 0.2677$ $v' = 0.5344$
$L = 71.42$ $a = 11.45$ $b = 56.76$	$L = 71.06$ $a = 15.29$ $b = 57.01$
$X = 38.93$ $Y = 35.59$ $Z = 8.62$	$X = 41.87$ $Y = 37.14$ $Z = 8.86$

#### Other

Correlated Color Temperature (CCT) = 2717 K  
 Chromaticity Error = 0.007

Color Peak = 606.34 nm  
Color Peak Value = 0.76  
Lambda2 = 119.88 nm  
Radiometric = 105.48 mW  
Color Dominant = 582.5 nm

**Metamerism Indices**

Mlvis = 2.7

Miuv = 4.1

**Rendering Indices**

Ra = 80.9

R1 = 78.1; R2 = 88.3; R3 = 98.3; R4 = 79.1; R5 = 77.8; R6 = 86.5; R7 = 83.6; R8 = 56.1; R9 = 0.5; R10 = 74.3;  
R11 = 78.0; R12 = 66.8; R13 = 80.0; R14 = 99.2