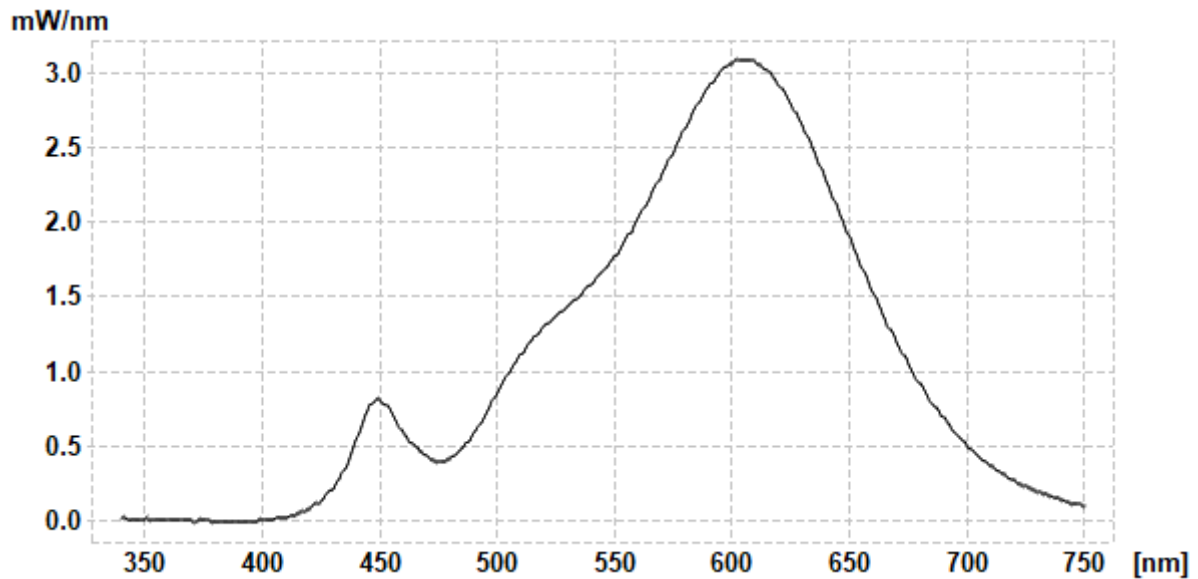




## MEASURING REPORT

Astro Lighting  
 Certification according to CIE  
 Kuro 450 - Brightest Setting  
 Date 2020-10-05 14:21  
 HS



### Results

#### Chromaticity coordinates

CIE 1931 2° observer	CIE 1964 10° observer
$x = 0.4650$ $y = 0.4256$ $Y = 144.97 \text{ lm}$	$x = 0.4730$ $y = 0.4200$ $Y = 151.34$
$u' = 0.2592$ $v' = 0.5337$	$u' = 0.2667$ $v' = 0.5329$
$L = 71.26$ $a = 11.27$ $b = 54.80$	$L = 70.87$ $a = 15.13$ $b = 54.85$
$X = 158.40$ $Y = 144.97$ $Z = 37.25$	$X = 170.43$ $Y = 151.34$ $Z = 38.53$

#### Other

Correlated Color Temperature (CCT) = 2742 K  
 Chromaticity Error = 0.007

Color Peak = 604.64 nm  
Color Peak Value = 3.08  
Lambda2 = 121.30 nm  
Radiometric = 430.71 mW  
Color Dominant = 582.5 nm

**Metamerism Indices**

Mlvis = 2.4

Miuv = 4.2

**Rendering Indices**

Ra = 81.0

R1 = 78.1; R2 = 88.2; R3 = 98.2; R4 = 79.3; R5 = 77.9; R6 = 86.2; R7 = 83.6; R8 = 56.2; R9 = 0.6; R10 = 74.0;  
R11 = 78.2; R12 = 67.8; R13 = 80.0; R14 = 99.1