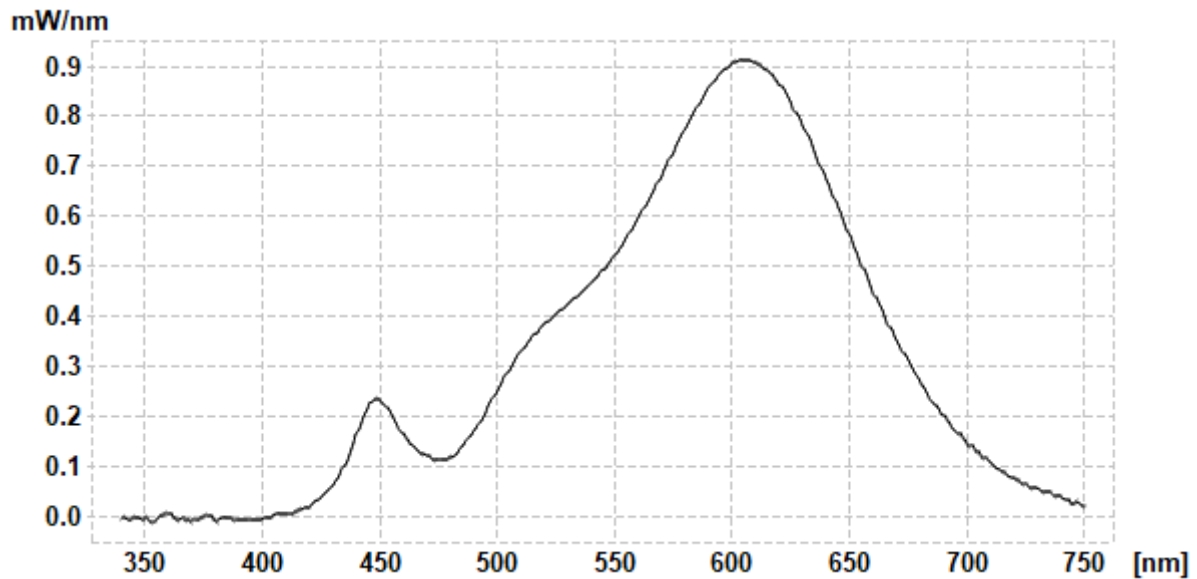




MEASURING REPORT

Astro Lighting
 Certification according to CIE
 Kuro 450 - Dimmest Setting
 Date 2020-10-05 14:29
 HS



Results

Chromaticity coordinates

CIE 1931 2° observer	CIE 1964 10° observer
$x = 0.4665$ $y = 0.4269$ $Y = 42.74 \text{ lm}$	$x = 0.4746$ $y = 0.4212$ $Y = 44.60$
$u' = 0.2595$ $v' = 0.5344$	$u' = 0.2671$ $v' = 0.5335$
$L = 71.34$ $a = 11.30$ $b = 55.73$	$L = 70.96$ $a = 15.19$ $b = 55.81$
$X = 46.70$ $Y = 42.74$ $Z = 10.68$	$X = 50.24$ $Y = 44.60$ $Z = 11.03$

Other

Correlated Color Temperature (CCT) = 2732 K
 Chromaticity Error = 0.007

Color Peak = 604.64 nm
Color Peak Value = 0.91
Lambda2 = 120.73 nm
Radiometric = 126.18 mW
Color Dominant = 582.5 nm

Metamerism Indices

Mlvis = 2.4

Miuv = 4.6

Rendering Indices

Ra = 81.0

R1 = 78.1; R2 = 88.1; R3 = 98.3; R4 = 79.5; R5 = 77.9; R6 = 86.1; R7 = 83.7; R8 = 56.3; R9 = 0.7; R10 = 73.8;
R11 = 78.5; R12 = 67.6; R13 = 79.9; R14 = 99.1