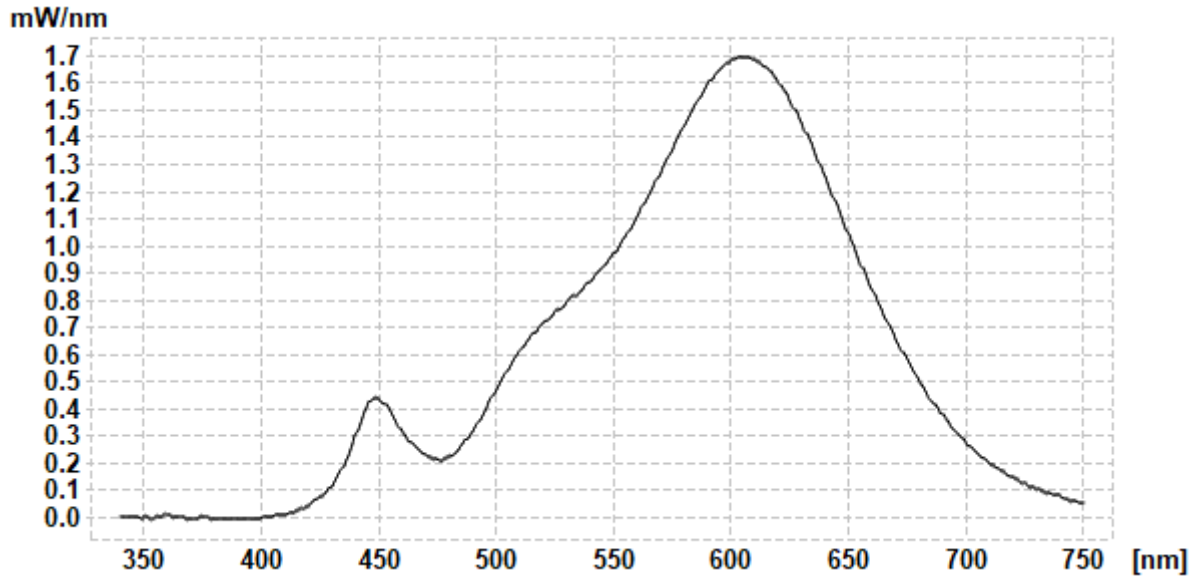




MEASURING REPORT

Astro Lighting
 Certification according to CIE
 Kuro 450 - Middle Setting
 Date 2020-10-05 14:24
 HS



Results

Chromaticity coordinates

CIE 1931 2° observer	CIE 1964 10° observer
$x = 0.4657$ $y = 0.4263$ $Y = 79.58 \text{ lm}$	$x = 0.4737$ $y = 0.4207$ $Y = 83.06$
$u' = 0.2593$ $v' = 0.5340$	$u' = 0.2669$ $v' = 0.5332$
$L = 71.30$ $a = 11.27$ $b = 55.27$	$L = 70.92$ $a = 15.14$ $b = 55.33$
$X = 86.94$ $Y = 79.58$ $Z = 20.17$	$X = 93.54$ $Y = 83.06$ $Z = 20.85$

Other

Correlated Color Temperature (CCT) = 2738 K
 Chromaticity Error = 0.007

Color Peak = 604.64 nm
Color Peak Value = 1.70
Lambda2 = 121.03 nm
Radiometric = 235.89 mW
Color Dominant = 582.5 nm

Metamerism Indices

Mlvis = 2.4

Miuv = 4.3

Rendering Indices

Ra = 81.0

R1 = 78.1; R2 = 88.1; R3 = 98.2; R4 = 79.4; R5 = 77.9; R6 = 86.2; R7 = 83.7; R8 = 56.4; R9 = 0.7; R10 = 73.9;
R11 = 78.4; R12 = 67.7; R13 = 80.0; R14 = 99.1