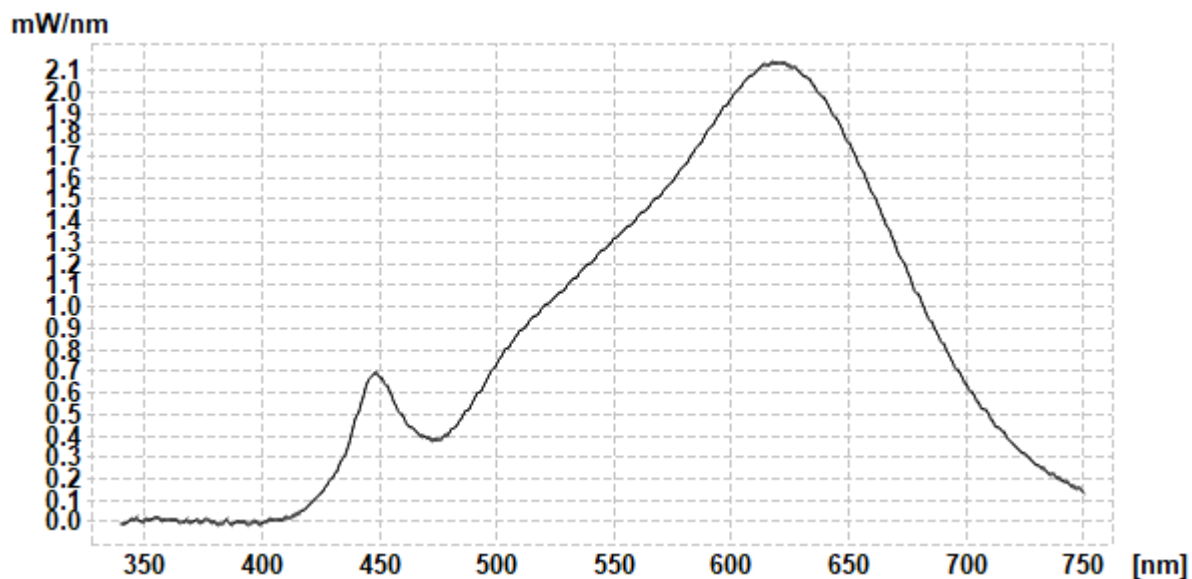




MEASURING REPORT

Astro Lighting Ltd
Certification according to CIE
Nomad Marker
Date 2026-01-09 15:52
Stephen Tripp



Results

Chromaticity coordinates

CIE 1931 2° observer	CIE 1964 10° observer
x = 0.4536 y = 0.4154 Y = 102.66 lm	x = 0.4596 y = 0.4121 Y = 107.73
u' = 0.2563 v' = 0.5282	u' = 0.2617 v' = 0.5279
L = 70.55 a = 11.09 b = 47.66	L = 70.32 a = 13.80 b = 47.95
X = 112.09 Y = 102.66 Z = 32.37	X = 120.18 Y = 107.73 Z = 33.55

Other

Correlated Color Temperature (CCT) = 2827 K
Chromaticity Error = 0.003

Color Peak = 619.79 nm
Color Peak Value = 2.13
Lambda2 = 150.79 nm
Radiometric = 344.39 mW
Color Dominant = 582.8 nm

Metamerism Indices

Mlvis = 2.2

Miuv = 4.1

Rendering Indices

Ra = 91.2

R1 = 90.7; R2 = 94.4; R3 = 97.4; R4 = 92.0; R5 = 90.4; R6 = 93.9; R7 = 92.0; R8 = 78.8; R9 = 51.1; R10 = 86.5;
R11 = 92.8; R12 = 82.9; R13 = 91.4; R14 = 97.8