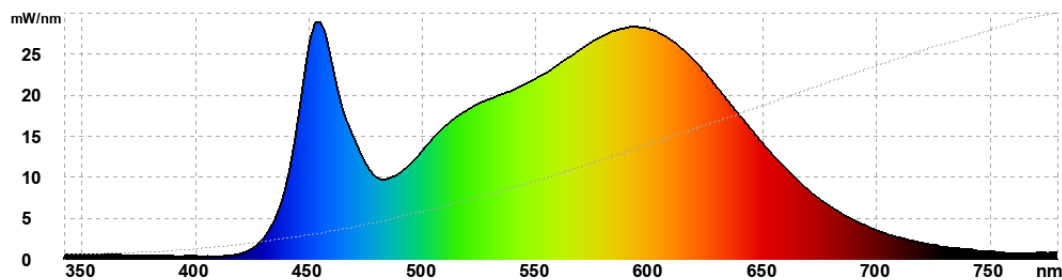


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B5152_D_20250630_M_S
 Measurement time: 2025-06-30 13:12:11
 Report time: 2025-07-01
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 25.4 [C]

Client name: LED line PRIME
 Model name: Plafon LUNAR 16W 4000K 1600lm
 IP65 okrągły z czujnikiem ruchu
 Item No: 470584-II
 Serial No.: 12812
 Made by: Radosław Kośnik

Results

CIE 1931 2°observer	
x	0.3824
y	0.3810
u'	0.2247
v'	0.5037
L	100.00
a	9.16
b	34.13
X	1610.66
Y	1604.80
Z	996.75

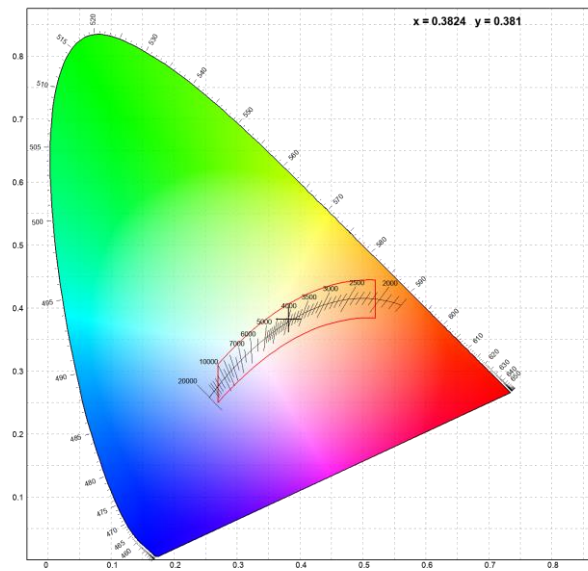
CIE 1964 10°observer	
x	0.3889
y	0.3791
u'	0.2298
v'	0.5039
L	100.00
a	13.33
b	34.16
X	1751.75
Y	1707.40
Z	1044.64

Other	
CCT [K]	3979
Chromaticity Error	0.003
Color Peak	452.91
Color Peak Value	28.78
Color Dominant	578.4
Luminous Flux [lm]	1604.80
Purity	0.291
Radiometric	4.8635
PAR	
PPFD	
Luminous Efficacy	105.2383 lm/W
Power [W]	15.2492
Power Factor	0.906
Current [A]	0.07318
Voltage [V]	230.003
Duv	0.0014

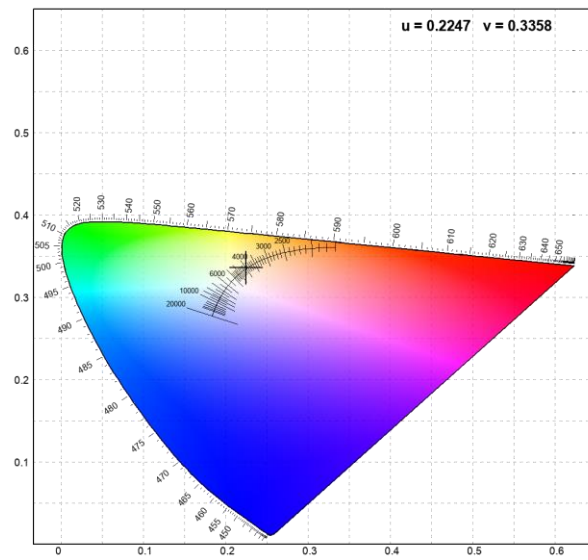
Metamerism Indices	
Mivis	2.3
Miuv	3.6

Rendering Indices	
Ra	83.0
R1	81.3
R2	91.1
R3	95.9
R4	79.9
R5	81.1
R6	87.2
R7	84.7
R8	62.5
R9	6.1
R10	78.4
R11	78.7
R12	60.8
R13	84.1
R14	98.3

CIE 1931



CIE 1960



CIE 1976

