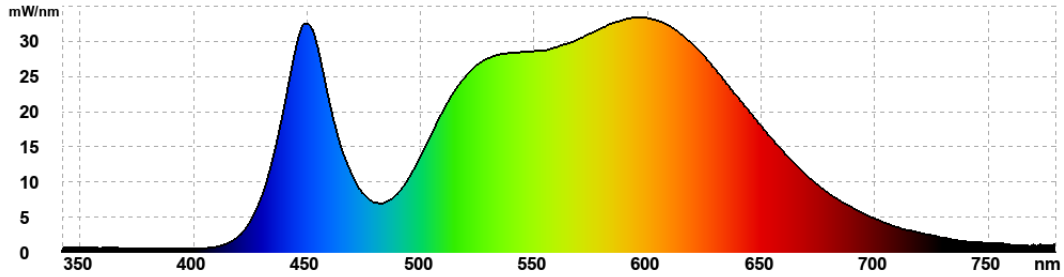


GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: B4058\_D\_20240212\_M\_S  
 Measurement time: 2024-02-12 15:10:56  
 Report time: 2024-02-16  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power source: IT7321 AC ITECH  
 Ambient Temperature: 23 [C]

Client name: LED line LITE  
 Model name: Naświetlacz PHOTON 20W 4000K 2000lm  
 Item No: 203518  
 Serial No.: 62211  
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3818
y	0.385
u'	0.2227
v'	0.5053
L	100
a	7.14
b	35.49
X	1965.4
Y	1981.76
Z	1200.9

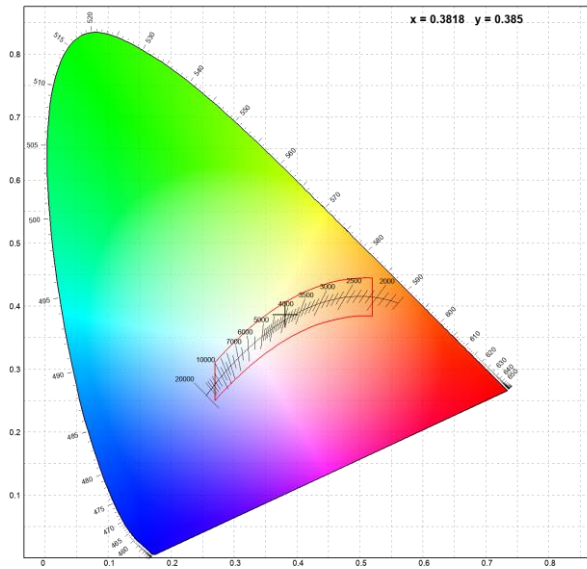
CIE 1964 10° observer	
x	0.3885
y	0.3791
u'	0.2295
v'	0.5038
L	100
a	13.12
b	34.07
X	2145.21
Y	2093.47
Z	1282.82

Other	
CCT [K]	4023
Chromaticity Error	0.004
Color Peak	595.08
Color Peak Value	33.2452
Color Dominant	577.3
Luminous Flux [lm]	1981.76
Purity	0.302
Radiometric	5.9657
PAR	
PPFD	
Luminous Efficacy	103.39 lm/W
Power [W]	19.1674
Power Factor	0.966
Current [A]	0.0862
Voltage [V]	230.058
Duv	0.0034

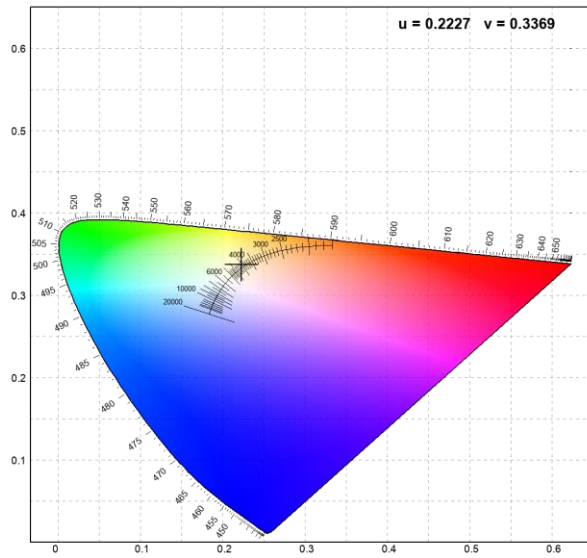
Rendering Indices	
Ra	81.6
R1	80.7
R2	85.4
R3	89.2
R4	83.0
R5	79.9
R6	80.1
R7	87.7
R8	67.1
R9	9.5
R10	64.8
R11	81.8
R12	55.4
R13	81.4
R14	93.6

Metamerism Indices	
Mivis	1.7
Miuv	4.3

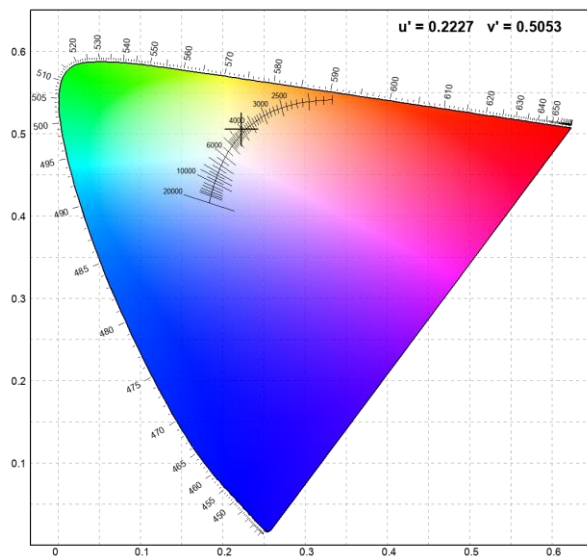
CIE 1931



CIE 1960



CIE 1976



CRI

