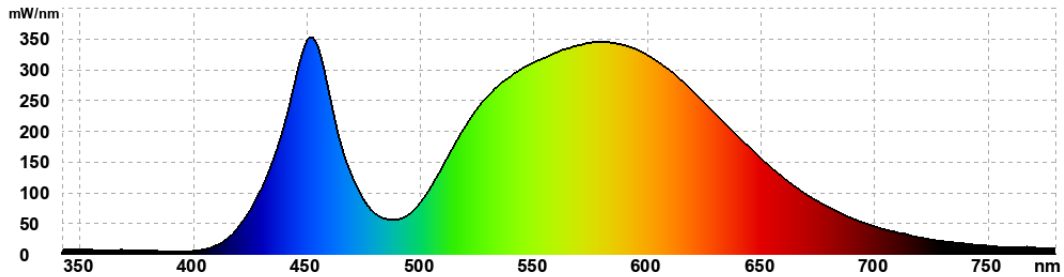


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4198_D_20240405_M_S
 Measurement time: 2024-04-05 15:43:11
 Report time: 2024-04-11
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 25.2 [C]

Client name: LED line LITE
 Model name: Oprawa HighBay ECOBEAM 200W 4000K 20000lm
 Item No: 203419
 Serial No.: 49709
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3761
y	0.3761
u'	0.2225
v'	0.5007
L	100
a	8.53
b	30.85
X	19762.9
Y	19764.22
Z	13020.18

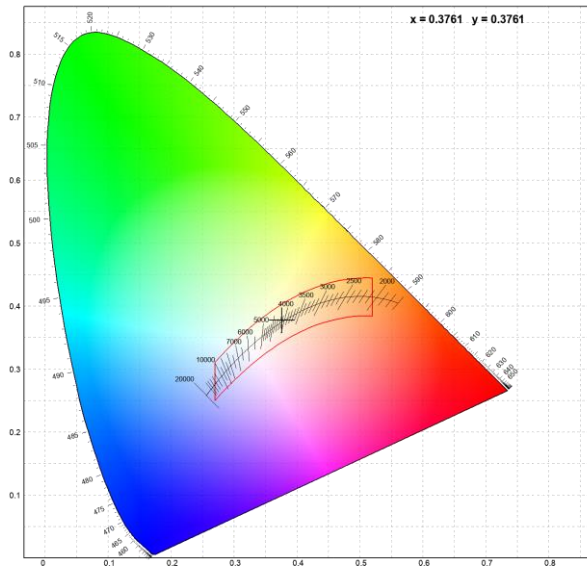
CIE 1964 10° observer	
x	0.3834
y	0.368
u'	0.2307
v'	0.4981
L	100
a	15.96
b	28.61
X	21653.55
Y	20784.19
Z	14035.21

Other	
CCT [K]	4116
Chromaticity Error	0.006
Color Peak	450.68
Color Peak Value	350.579
Color Dominant	578.1
Luminous Flux [lm]	19764.22
Purity	0.257
Radiometric	58.4934
PAR	
PPFD	
Luminous Efficacy	103.96 lm/W
Power [W]	190.109
Power Factor	0.989
Current [A]	0.83566
Voltage [V]	230.025
Duv	0.001

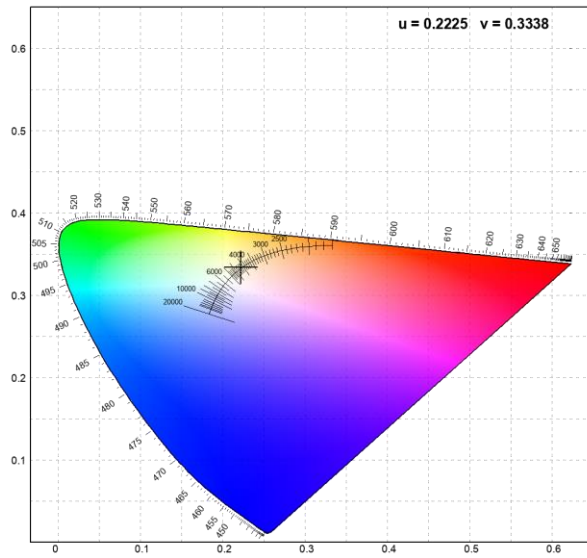
Rendering Indices	
Ra	72.9
R1	70.2
R2	79.3
R3	84.5
R4	71.1
R5	69.1
R6	69.3
R7	83.0
R8	56.5
R9	-20.1
R10	48.7
R11	64.6
R12	40.4
R13	71.6
R14	90.9

Metamerism Indices	
Mivis	2.0
Miuv	4.3

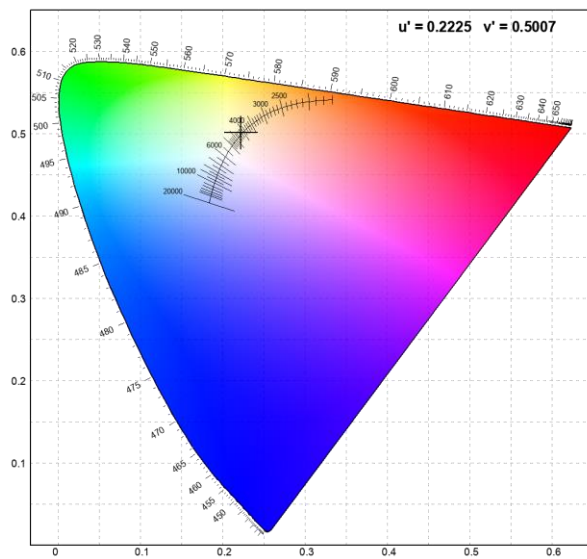
CIE 1931



CIE 1960



CIE 1976



CRI

