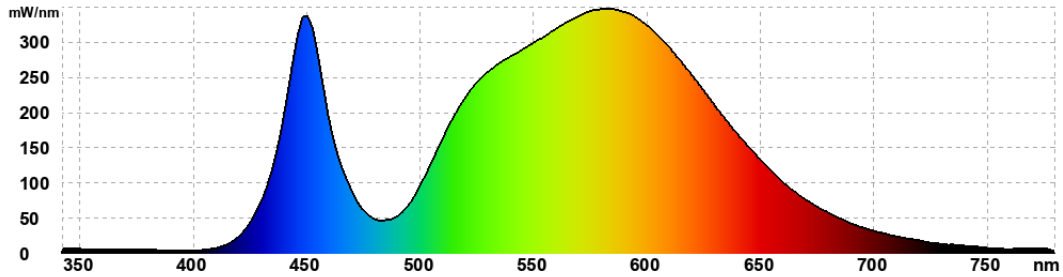


GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: *B3977\_D\_20240104\_M\_S*  
 Measurement time: *2024-01-04 10:05:59*  
 Report time: *2024-06-24*  
 Device: *GL SPHERE 2000 SPECTIS 1.0 VIS*  
 Power source: *IT7321 AC ITECH*  
 Ambient Temperature: *22.3 [C]*

Client name: *LED line PRIME*  
 Model name: *Oprawa HighBay PHANTOM 190 100W 4000K 19000lm 1-10V 120°*  
 Item No: *203143*  
 Serial No.: *44509*  
 Made by: *Radosław Kośnik*

Results

CIE 1931 2° observer	
x	0.3831
y	0.3925
u'	0.2207
v'	0.5087
L	100.00
a	4.44
b	38.65
X	19045.30
Y	19512.90
Z	11155.31

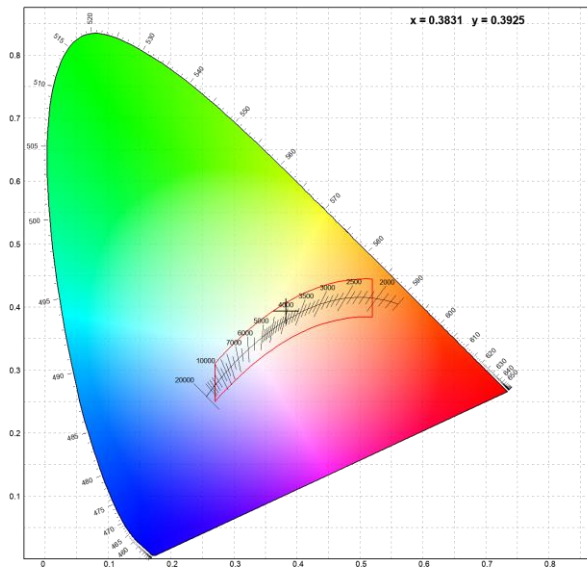
CIE 1964 10° observer	
x	0.3917
y	0.3835
u'	0.2298
v'	0.5062
L	100.00
a	12.57
b	36.50
X	20906.41
Y	20468.02
Z	11998.89

Other	
CCT [K]	4041
Chromaticity Error	0.006
Color Peak	581.38
Color Peak Value	345.93
Color Dominant	575.9
Luminous Flux [lm]	19512.90
Purity	0.328
Radiometric	54.3511
PAR	
PPFD	
Luminous Efficacy	190.7196 lm/W
Power [W]	102.312
Power Factor	0.969
Current [A]	0.4593
Voltage [V]	229.925
Duv	0.0064

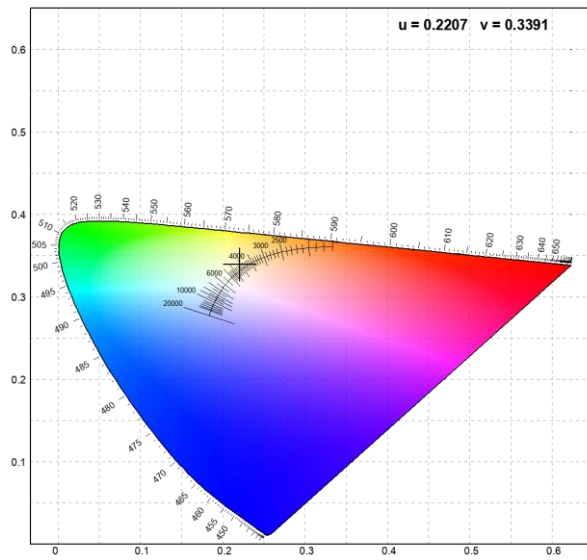
Rendering Indices	
Ra	70.5
R1	66.5
R2	77.0
R3	86.1
R4	69.6
R5	66.1
R6	67.8
R7	81.6
R8	49.7
R9	-40.1
R10	45.9
R11	64.6
R12	36.7
R13	68.1
R14	92.1

Metamerism Indices	
Mivis	2.0
Miuv	4.4

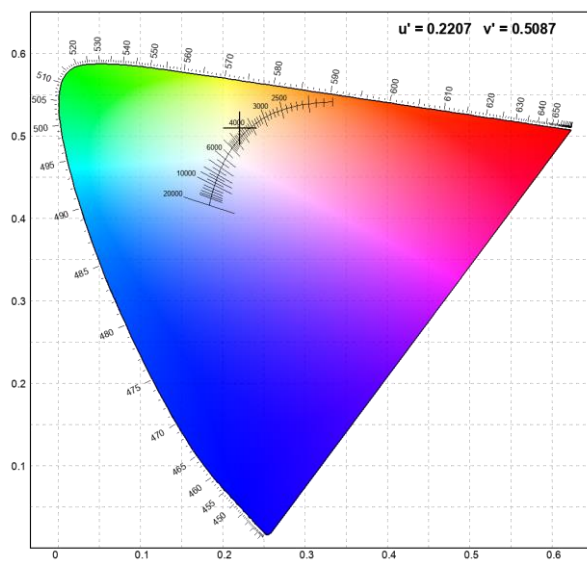
CIE 1931



CIE 1960



CIE 1976



CRI

