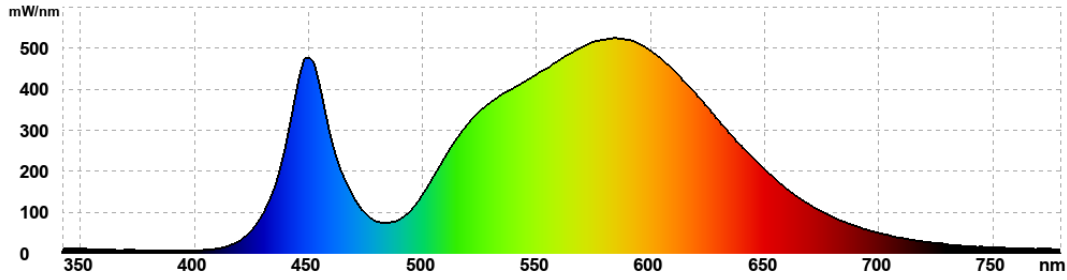


GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: B3978\_D\_20240105\_M\_S  
 Measurement time: 2024-01-05 13:01:36  
 Report time: 2024-01-15  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power source: IT7321 AC ITECH  
 Ambient Temperature: 23.7 [C]

Client name: LED line PRIME  
 Model name: Oprawa HighBay PHANTOM 190 150W 4000K 28500lm 1-10V 90°  
 Item No: 203181  
 Serial No.: 44509  
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3892
y	0.3946
u'	0.2238
v'	0.5105
L	100
a	6.2
b	40.92
X	28494.23
Y	28890.96
Z	15829.75

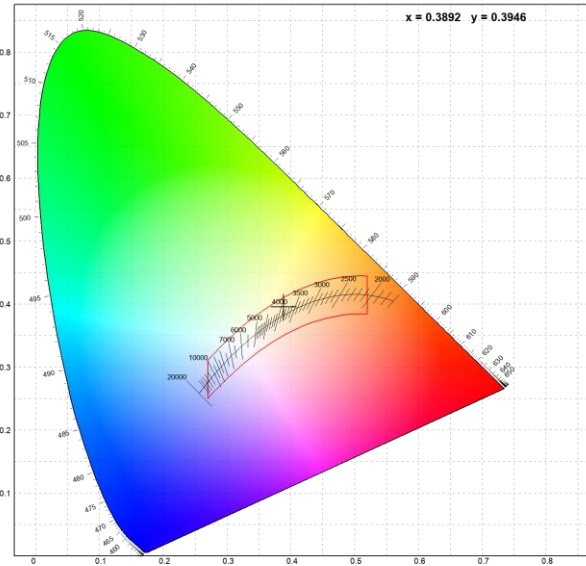
CIE 1964 10° observer	
x	0.3978
y	0.3859
u'	0.2328
v'	0.5081
L	100
a	14.11
b	38.94
X	31226.57
Y	30297.11
Z	16979.68

Other	
<b>CCT [K]</b>	<b>3903</b>
Chromaticity Error	0.006
Color Peak	583.36
Color Peak Value	521.7415
Color Dominant	576.9
<b>Luminous Flux [lm]</b>	<b>28890.96</b>
Purity	0.354
Radiometric	80.5445
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>195.35 lm/W</b>
Power [W]	147.893
Power Factor	0.979
Current [A]	0.6563
Voltage [V]	230.003
Duv	0.0057

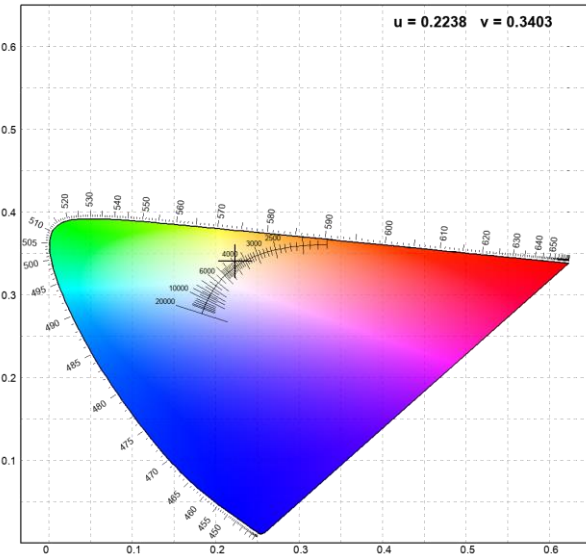
Rendering Indices	
<b>Ra</b>	<b>71.0</b>
R1	66.9
R2	78.0
R3	87.7
R4	69.5
R5	66.4
R6	69.1
R7	81.4
R8	49.0
R9	-39.0
R10	48.4
R11	64.3
R12	38.1
R13	68.7
R14	93.0

Metamerism Indices	
Mivis	2.1
Miuv	4.3

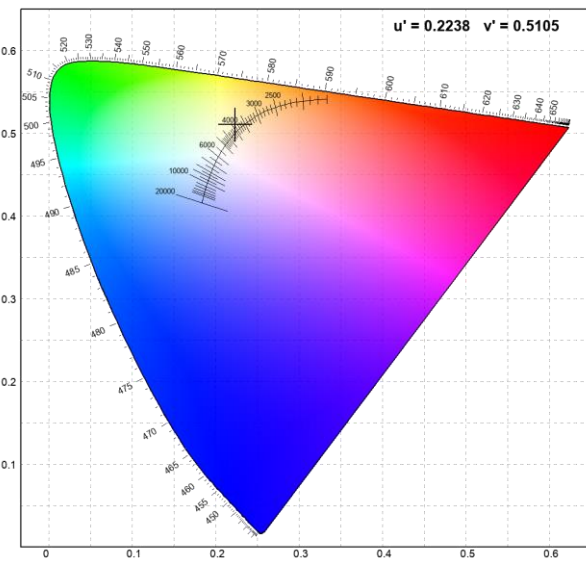
CIE 1931



CIE 1960



CIE 1976



CRI

