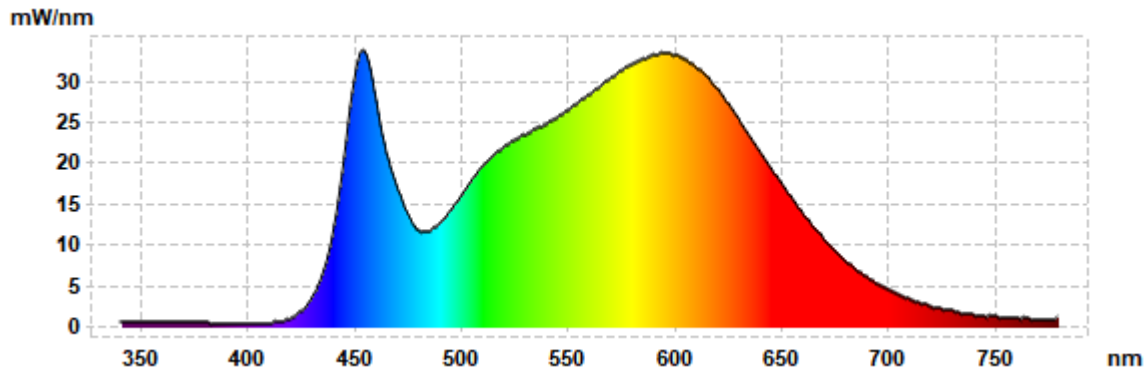


GL SpectroSoft Report  
Lighting Research & Measurement Center  
**Spectrum**



Measurement name: 2020-06-04T14:41:12  
 Measurement time: 2020-06-04 14:41:12  
 Report time: 2020-06-24 13:35:03  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power: IT7321 AC ITECH  
 Ambient Temperature: 24 [C]

Client name: LED line®  
 Model name: Plafon 22W LUNAR  
 Item No: 470591  
 Serial No.: 66411  
 Made by: Radosław Kośnik

**Results**

CIE 1931 2° observer	
x	0,3836
y	0,3814
u'	0,2253
v'	0,5041
L	100,00
a	9,51
b	34,59
X	1919,77
Y	1908,80
Z	1175,76

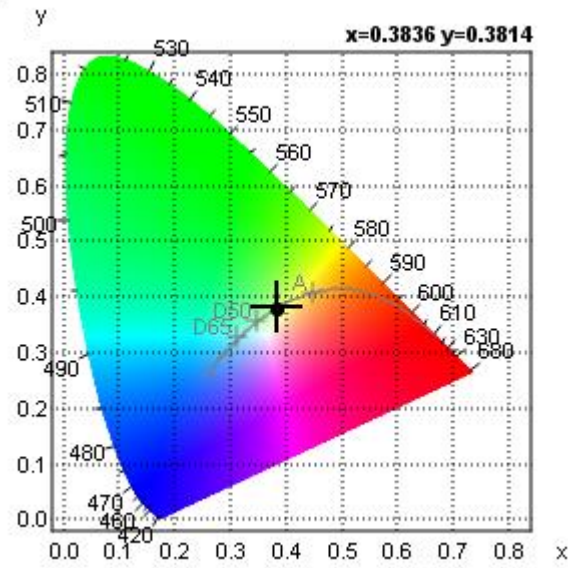
CIE 1964 10° observer	
x	0,3901
y	0,3796
u'	0,2303
v'	0,5042
L	100,00
a	13,60
b	34,60
X	2086,62
Y	2030,56
Z	1232,42

Other	
<b>CCT [K]</b>	<b>3950</b>
Chromaticity Error	0,002
Color Peak	455,14
Color Peak Value	33,65
Color Dominant	578,6
<b>Luminous Flux [lm]</b>	<b>1908,80</b>
Purity	
Radiometric	5,8438
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>91,2518 lm/W</b>
Power [W]	20,9179
Power Factor	0,573
Current [A]	0,158694
Voltage [V]	230,036
Duv	0,0012

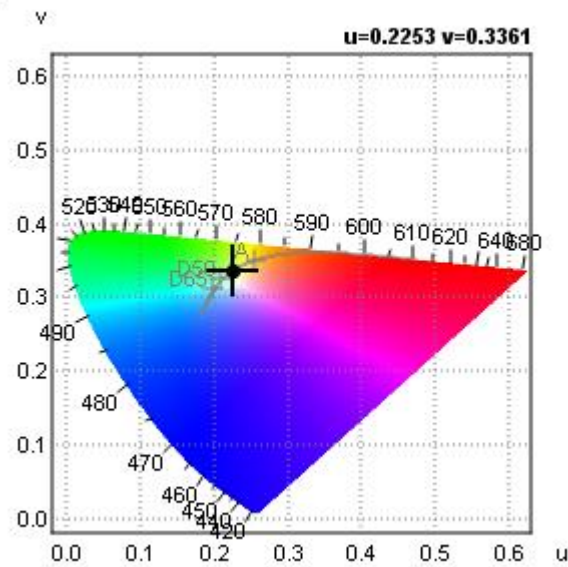
Rendering Indices	
<b>Ra</b>	<b>84,1</b>
R1	82,7
R2	91,6
R3	96,3
R4	81,4
R5	82,3
R6	87,8
R7	85,7
R8	64,9
R9	12,4
R10	79,3
R11	80,3
R12	62,1
R13	85,2
R14	98,5

Metamerism Indices	
Mivis	2,2
Miuv	3,7

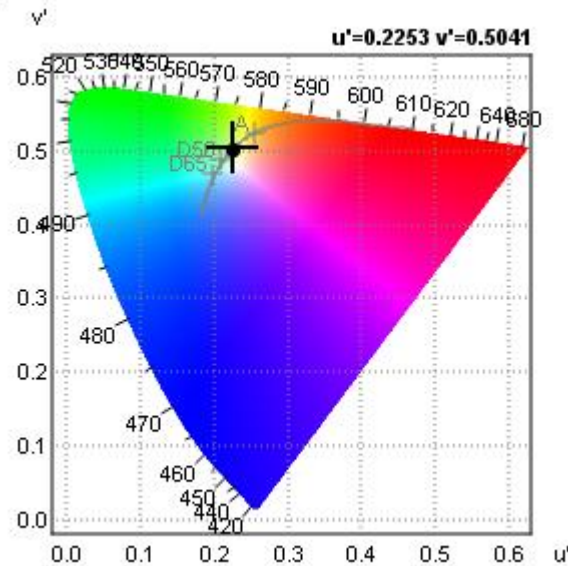
**CIE 1931**



**CIE 1960**



**CIE 1976**



CRI

