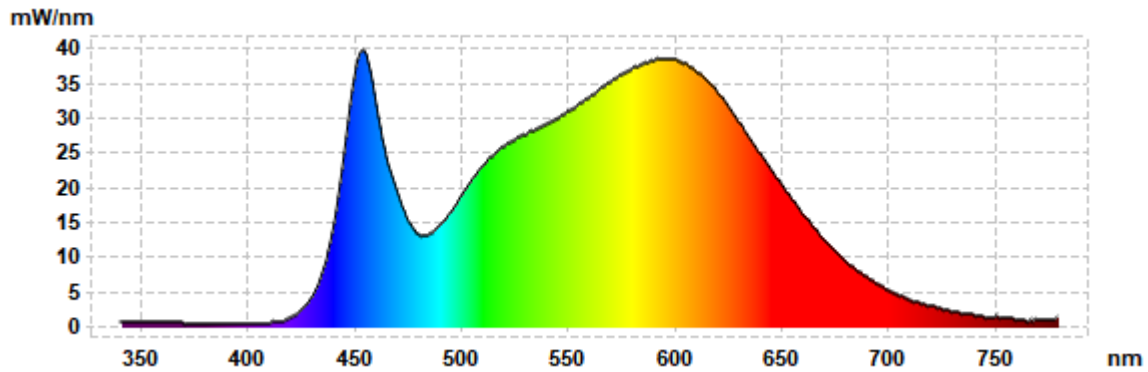


GL SpectroSoft Report  
**Lighting Research & Measurement Center**  
**Spectrum**



Measurement name: 2020-06-03T13:45:01  
 Measurement time: 2020-06-03 13:45:01  
 Report time: 2020-06-04 10:53:23  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power: IT7321 AC ITECH  
 Ambient Temperature: 23.5 [C]

Client name: LED line®  
 Model name: Plafon 22W LUNAR MV  
 Item No: 470607  
 Serial No.: 66411  
 Made by: Radosław Kośnik

**Results**

CIE 1931 2° observer	
x	0,3825
y	0,3810
u'	0,2248
v'	0,5038
L	100,00
a	9,20
b	34,17
X	2231,73
Y	2223,01
Z	1379,77

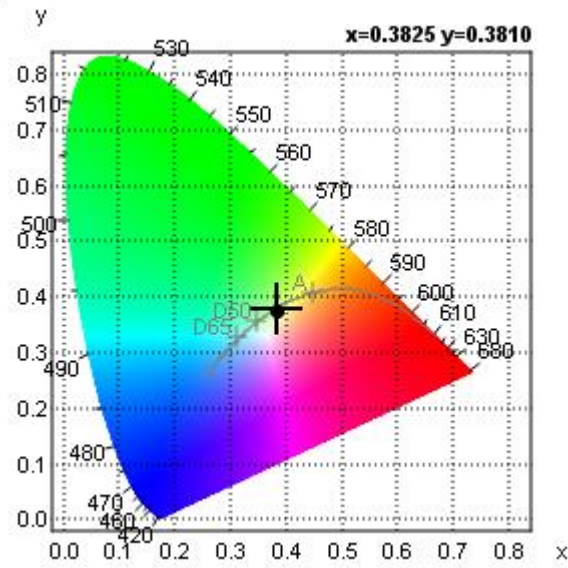
CIE 1964 10° observer	
x	0,3889
y	0,3790
u'	0,2298
v'	0,5038
L	100,00
a	13,35
b	34,11
X	2426,34
Y	2364,65
Z	1447,94

Other	
<b>CCT [K]</b>	<b>3976</b>
Chromaticity Error	0,003
Color Peak	455,14
Color Peak Value	39,59
Color Dominant	578,4
<b>Luminous Flux [lm]</b>	<b>2223,01</b>
Purity	
Radiometric	6,8096
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>105,1355 lm/W</b>
Power [W]	21,1442
Power Factor	0,925
Current [A]	0,099396
Voltage [V]	230,124
Duv	0,0013

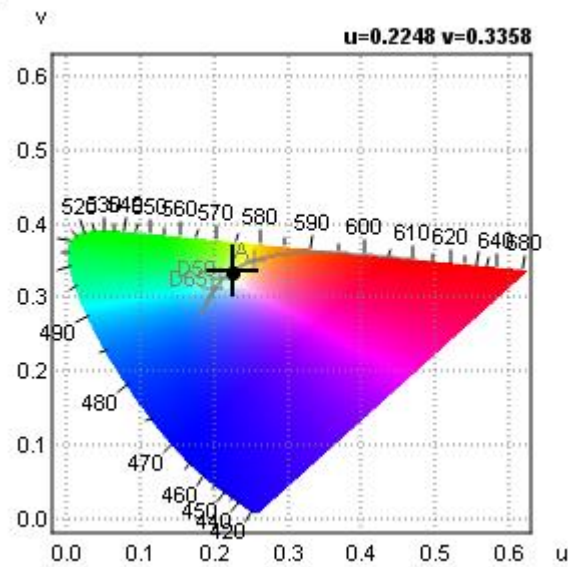
Rendering Indices	
<b>Ra</b>	<b>84,3</b>
R1	82,9
R2	91,3
R3	96,3
R4	82,0
R5	82,5
R6	87,5
R7	86,3
R8	65,8
R9	13,8
R10	78,8
R11	81,0
R12	61,9
R13	85,3
R14	98,4

Metamerism Indices	
Mivis	2,1
Miuv	3,7

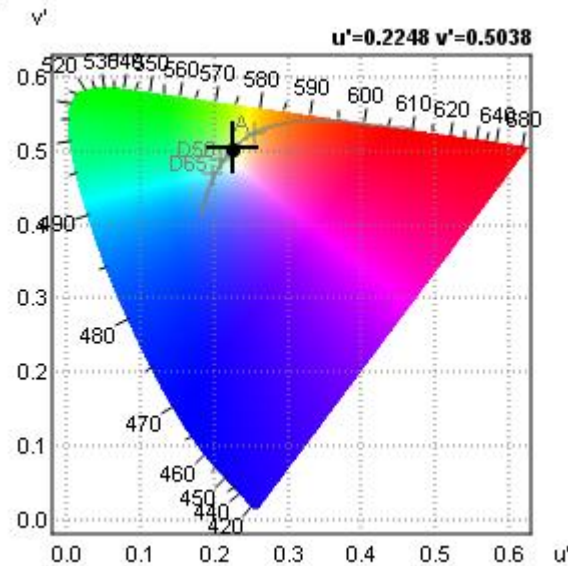
**CIE 1931**



**CIE 1960**



**CIE 1976**



CRI

