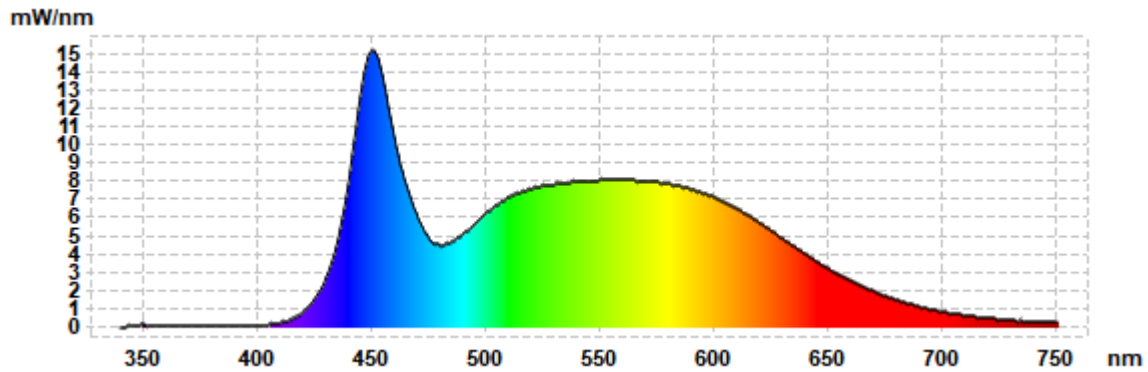


GL SpectroSoft Report  
Lighting Research & Measurement Center  
Spectrum



Measurement name: 2020-06-29T15:27:10  
 Measurement time: 2020-06-29 15:27:10  
 Report time: 2020-06-30 15:25:43  
 Device: GL SPHERE 500 SPECTIS 1.0 VIS  
 Power source: IT7321 AC ITECH  
 Ambient Temperature: 28 [C]

Client name: LED line®  
 Model name: Moduł 50mm 5W 400lm 6500K DIMM  
 Item No: 470744  
 Serial No.: 65411  
 Made by: Radosław Kośnik

**Results**

CIE 1931 2° observer	
x	0,3158
y	0,3377
u'	0,1967
v'	0,4734
L	100,00
a	-2,72
b	3,93
X	492,03
Y	526,20
Z	539,80

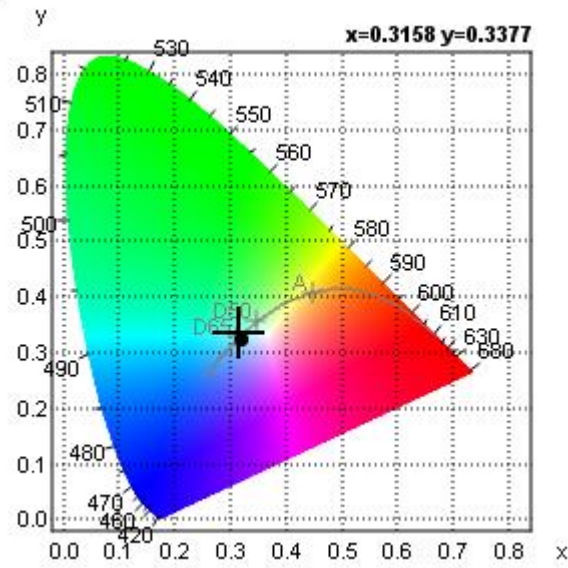
CIE 1964 10° observer	
x	0,3211
y	0,3382
u'	0,2002
v'	0,4744
L	100,00
a	0,24
b	4,14
X	541,37
Y	570,19
Z	574,61

Other	
CCT [K]	6290
Chromaticity Error	0,002
Color Peak	450,34
Color Peak Value	15,13
Color Dominant	495,0
<b>Luminous Flux [lm]</b>	<b>526,20</b>
Purity	
Radiometric	1,6793
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>104,7414 lm/W</b>
Power [W]	5.02379
Power Factor	0.775
Current [A]	0.028152
Voltage [V]	230.003
Duv	0,0061

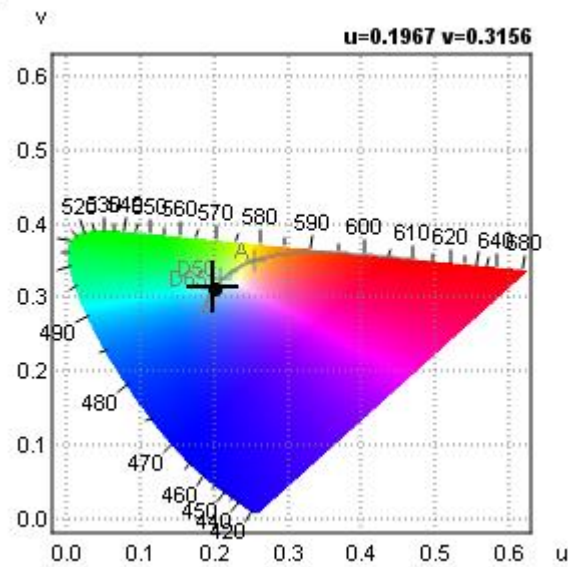
Rendering Indices	
<b>Ra</b>	<b>83,6</b>
R1	81,1
R2	88,3
R3	92,9
R4	82,6
R5	82,0
R6	83,6
R7	88,6
R8	69,4
R9	6,4
R10	72,2
R11	81,9
R12	60,3
R13	83,2
R14	96,4

Metamerism Indices	
Mivis	1,9
Miuv	5,8

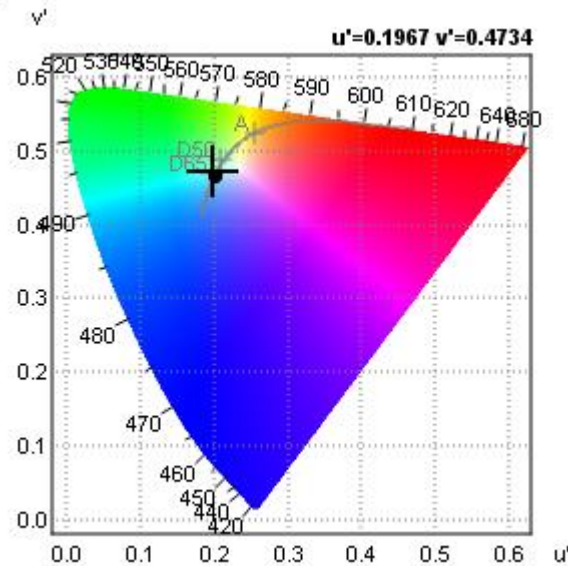
**CIE 1931**



**CIE 1960**



**CIE 1976**



CRI

