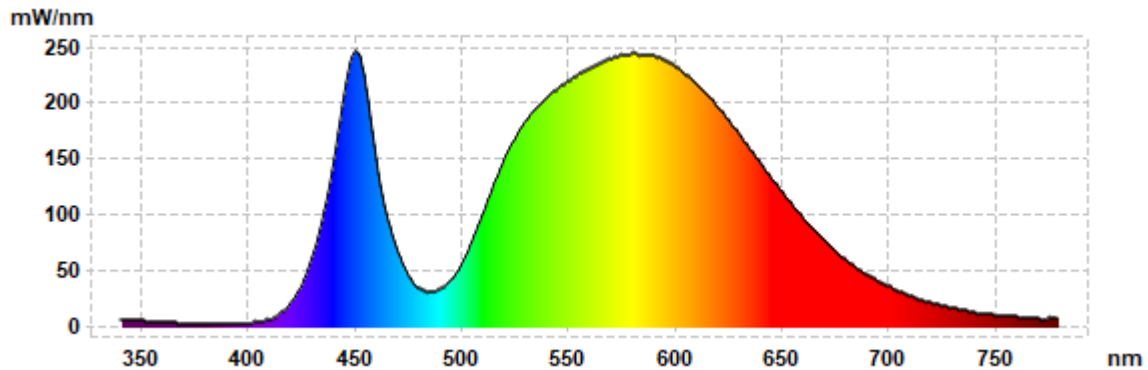


GL SpectroSoft Report  
Lighting Research & Measurement Center  
**Spectrum**



Measurement name: 2020-06-15T16:06:17  
 Measurement time: 2020-06-15 16:06:17  
 Report time: 2020-06-18 13:34:35  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power: IT7321 AC ITECH  
 Ambient Temperature: 25.3 [C]

Client name: LED line®  
 Model name: RAIDER 100W 4000K 1-10V 120°  
 Item No: 470768  
 Serial No.: 10003  
 Made by: Radosław Kośnik

**Results**

CIE 1931 2° observer	
x	0,3877
y	0,3841
u'	0,2269
v'	0,5058
L	100,00
a	10,11
b	36,55
X	14136,51
Y	14005,87
Z	8323,71

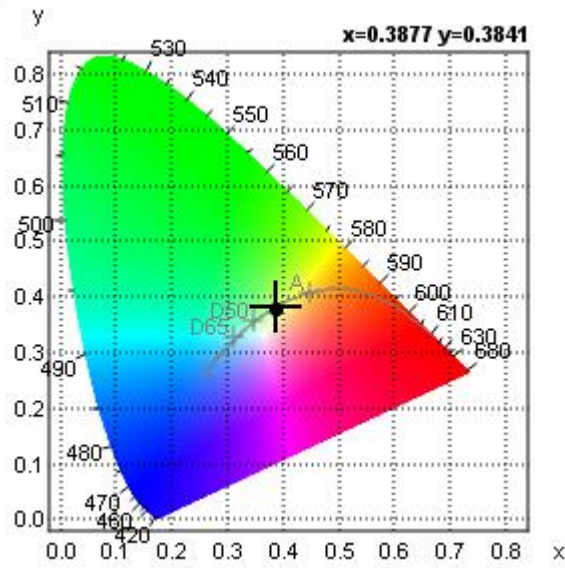
CIE 1964 10° observer	
x	0,3952
y	0,3754
u'	0,2355
v'	0,5032
L	100,00
a	17,79
b	34,22
X	15456,18
Y	14678,80
Z	8970,26

Other	
<b>CCT [K]</b>	<b>3904</b>
Chromaticity Error	0,005
Color Peak	450,68
Color Peak Value	246,83
Color Dominant	578,9
<b>Luminous Flux [lm]</b>	<b>14811,89</b>
Purity	
Radiometric	41,3970
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>150,0165 lm/W</b>
Power [W]	98.7354
Power Factor	0.965
Current [A]	0.444626
Voltage [V]	229.981
Duv	0,0013

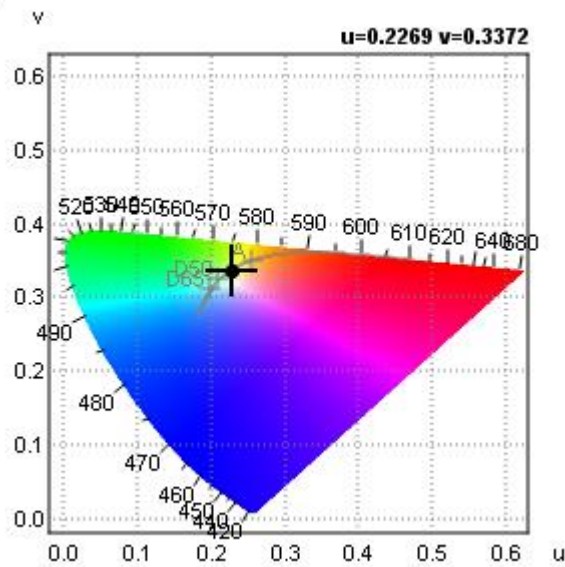
Rendering Indices	
<b>Ra</b>	<b>73,2</b>
R1	71,0
R2	79,2
R3	83,9
R4	72,0
R5	69,3
R6	69,0
R7	83,3
R8	57,9
R9	-14,1
R10	48,6
R11	65,7
R12	38,6
R13	72,1
R14	90,4

Metamerism Indices	
Mivis	2,1
Miuv	4,4

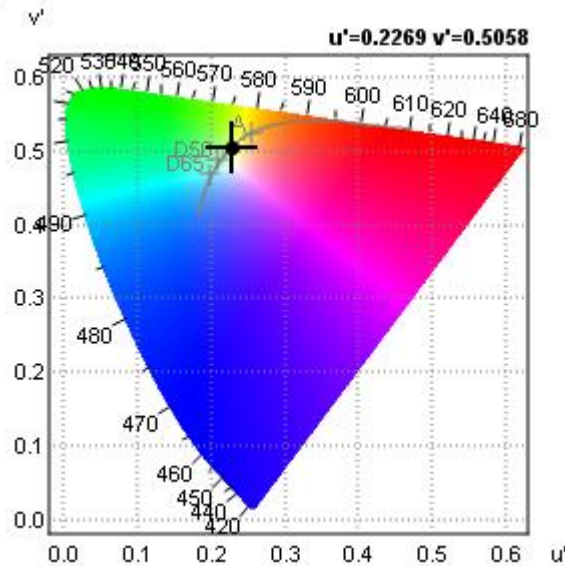
**CIE 1931**



**CIE 1960**



**CIE 1976**



CRI

