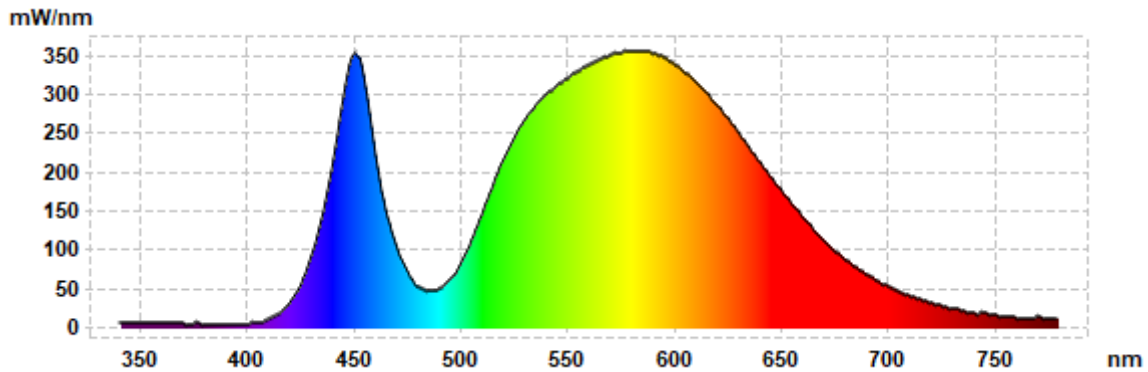


GL SpectroSoft Report  
Lighting Research & Measurement Center  
**Spectrum**



Measurement name:	2020-06-16T10:32:24	Client name:	LED line®
Measurement time:	2020-06-16 10:32:24	Model name:	RAIDER 150W 4000K 1-10V 90°
Report time:	2020-06-18 13:23:42	Item No:	470799
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Serial No.:	10003
Power:	IT7321 AC ITECH	Made by:	Radosław Kośnik
Ambient Temperature:	26.8 [C]		

**Results**

CIE 1931 2° observer	
x	0,3873
y	0,3843
u'	0,2266
v'	0,5059
L	100,00
a	9,88
b	36,55
X	20633,50
Y	20471,34
Z	12166,78

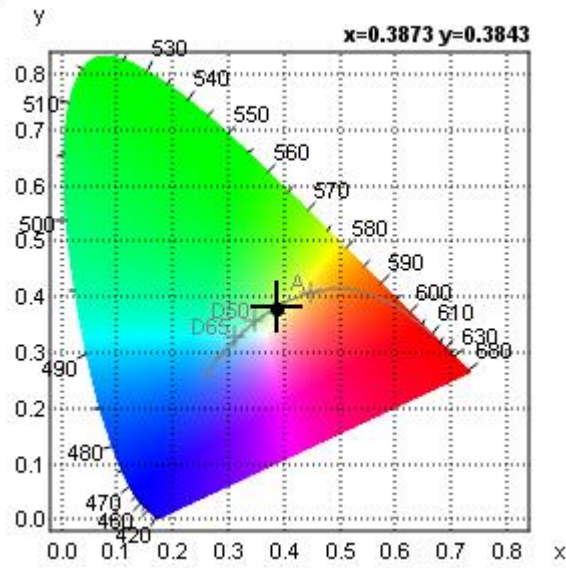
CIE 1964 10° observer	
x	0,3950
y	0,3756
u'	0,2352
v'	0,5032
L	100,00
a	17,55
b	34,25
X	22562,41
Y	21457,72
Z	13106,77

Other	
<b>CCT [K]</b>	<b>3913</b>
Chromaticity Error	0,005
Color Peak	581,38
Color Peak Value	355,64
Color Dominant	578,8
<b>Luminous Flux [lm]</b>	<b>22218,55</b>
Purity	
Radiometric	60,5338
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>150,9104 lm/W</b>
Power [W]	147.234
Power Factor	0.981
Current [A]	0.652443
Voltage [V]	230.025
Duv	0,0015

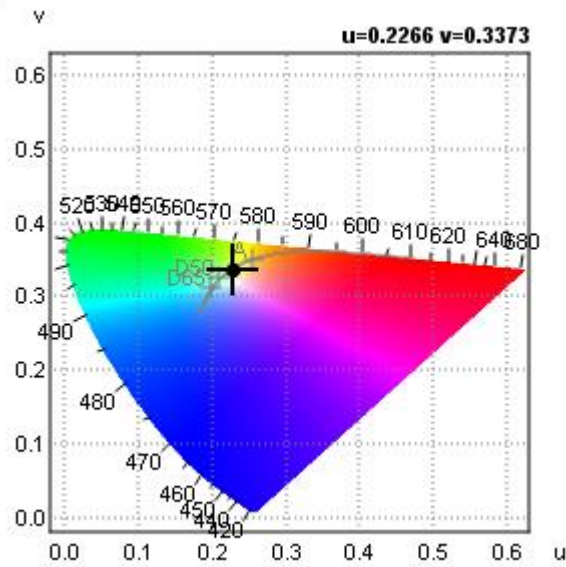
Rendering Indices	
<b>Ra</b>	<b>73,1</b>
R1	70,8
R2	79,1
R3	84,0
R4	71,8
R5	69,1
R6	68,9
R7	83,4
R8	57,7
R9	-14,6
R10	48,5
R11	65,3
R12	38,6
R13	71,9
R14	90,5

Metamerism Indices	
Mivis	2,1
Miuv	4,4

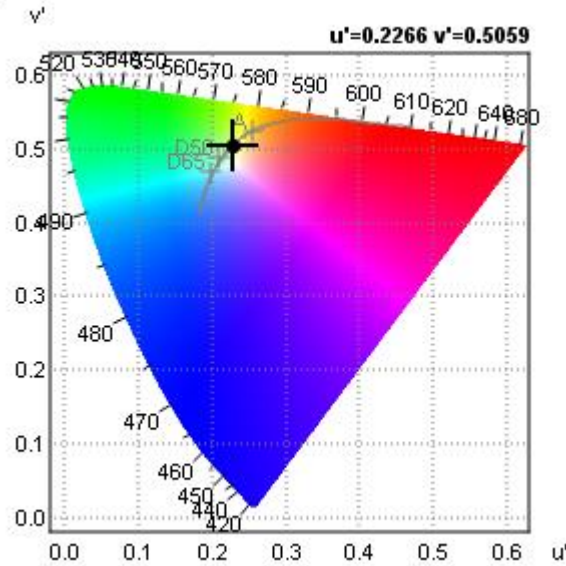
**CIE 1931**



**CIE 1960**



**CIE 1976**



CRI

