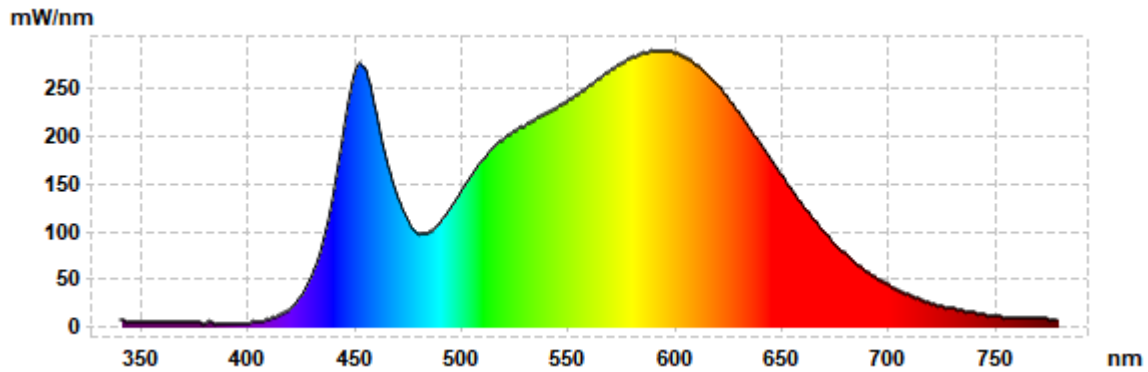


GL SpectroSoft Report  
Lighting Research & Measurement Center  
**Spectrum**



Measurement name: 2020-07-03T15:29:31  
 Measurement time: 2020-07-03 15:29:31  
 Report time: 2020-07-10 14:36:39  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power: IT7321 AC ITECH  
 Ambient Temperature: 27.1 [C]

Client name: LED line®  
 Model name: High-Bay UFO-P 150W 90°  
 Item No: 470959  
 Serial No.: 00202  
 Made by: Radosław Kośnik

**Results**

CIE 1931 2° observer	
x	0,3811
y	0,3794
u'	0,2245
v'	0,5028
L	100,00
a	9,31
b	33,24
X	17015,98
Y	16938,68
Z	10692,00

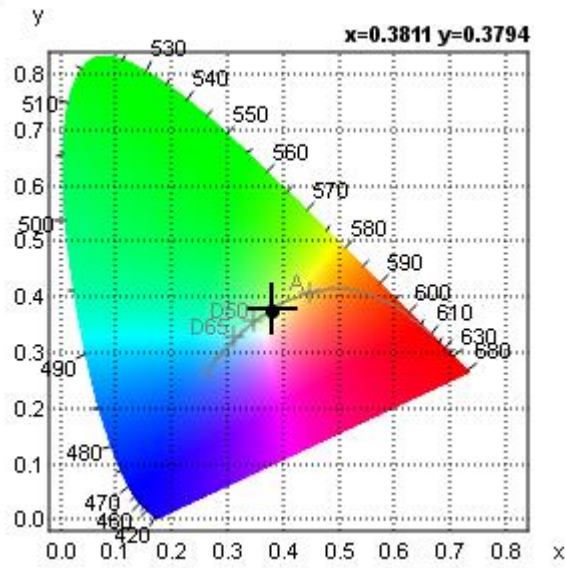
CIE 1964 10° observer	
x	0,3873
y	0,3767
u'	0,2296
v'	0,5026
L	100,00
a	13,69
b	32,83
X	18513,30
Y	18007,27
Z	11283,77

Other	
<b>CCT [K]</b>	<b>4001</b>
Chromaticity Error	0,002
Color Peak	593,14
Color Peak Value	289,26
Color Dominant	578,5
<b>Luminous Flux [lm]</b>	<b>19249,61</b>
Purity	
Radiometric	52,4806
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>132,5 lm/W</b>
Power [W]	145.282
Power Factor	0.981
Current [A]	0.643188
Voltage [V]	230.025
Duv	0,0010

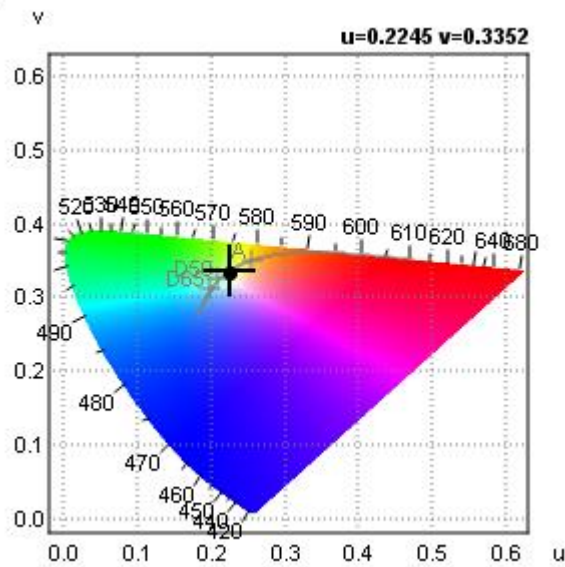
Rendering Indices	
<b>Ra</b>	<b>84,3</b>
R1	82,6
R2	90,4
R3	95,6
R4	82,5
R5	82,4
R6	86,4
R7	87,1
R8	67,0
R9	15,5
R10	76,7
R11	81,3
R12	63,8
R13	84,6
R14	97,7

Metamerism Indices	
Mivis	1,8
Miuv	3,9

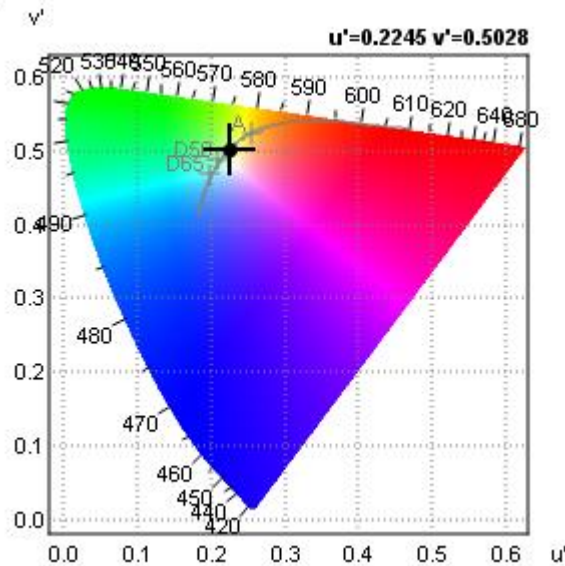
**CIE 1931**



**CIE 1960**



**CIE 1976**



CRI

