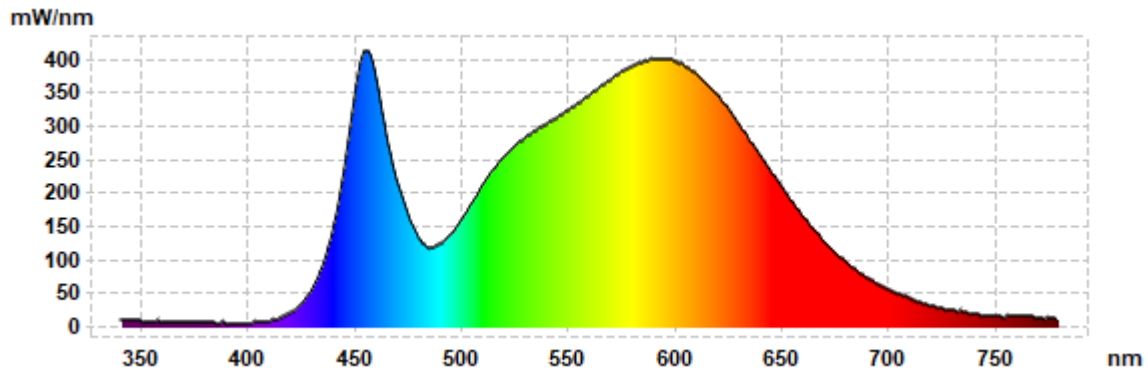


GL SpectroSoft Report
Lighting Research & Measurement Center
Spectrum



Measurement name: 2020-04-03T10:24:23
 Measurement time: 2020-04-03 10:24:23
 Report time: 2020-06-18 12:21:14
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power: IT7321 AC ITECH
 Ambient Temperature: 23.4 [C]

Client name: LED line®
 Model name: PROJECT 200W 22000lm 4000K
 Item No: 470546
 Serial No.: 63311
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0,3834
y	0,3774
u'	0,2268
v'	0,5023
L	100,00
a	11,23
b	33,01
X	23212,16
Y	22848,13
Z	14480,08

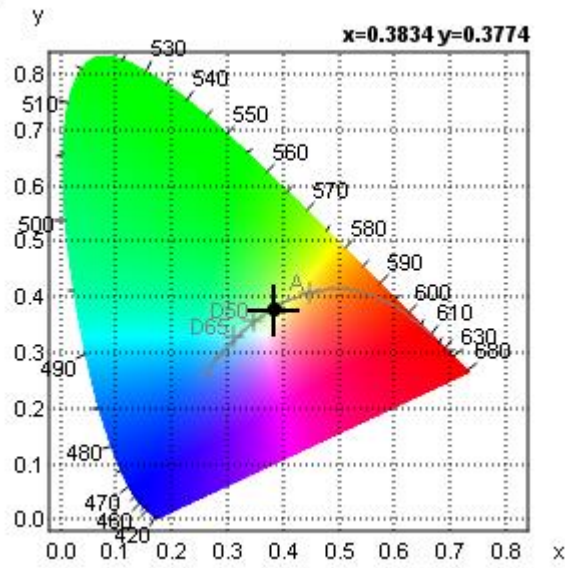
CIE 1964 10° observer	
x	0,3899
y	0,3747
u'	0,2322
v'	0,5021
L	100,00
a	15,76
b	32,70
X	25237,36
Y	24252,21
Z	15233,18

Other	
CCT [K]	3925
Chromaticity Error	0,003
Color Peak	455,14
Color Peak Value	412,24
Color Dominant	579,6
Luminous Flux [lm]	22848,13
Purity	
Radiometric	70,2112
PAR	
PPFD	
Luminous Efficacy	120,2153 lm/W
Power [W]	190.06
Power Factor	0.979
Current [A]	0.844331
Voltage [V]	229.925
Duv	0,0006

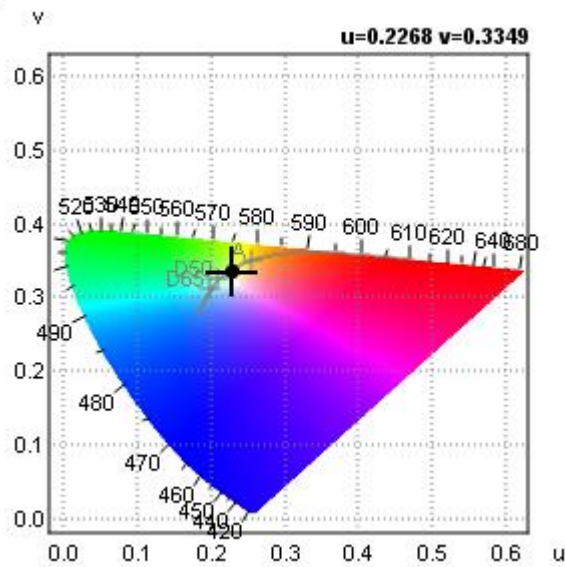
Rendering Indices	
Ra	82,5
R1	81,1
R2	90,1
R3	94,9
R4	79,2
R5	80,3
R6	85,1
R7	85,3
R8	64,0
R9	9,6
R10	74,9
R11	76,6
R12	58,8
R13	83,6
R14	97,4

Metamerism Indices	
Mivis	2,3
Miuv	3,6

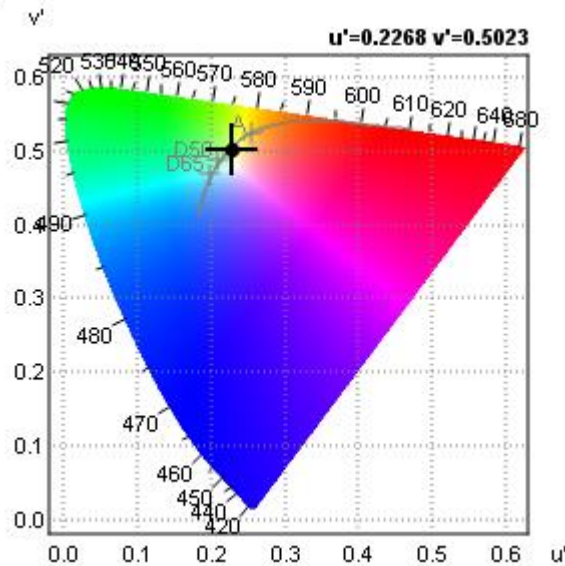
CIE 1931



CIE 1960



CIE 1976



CRI

