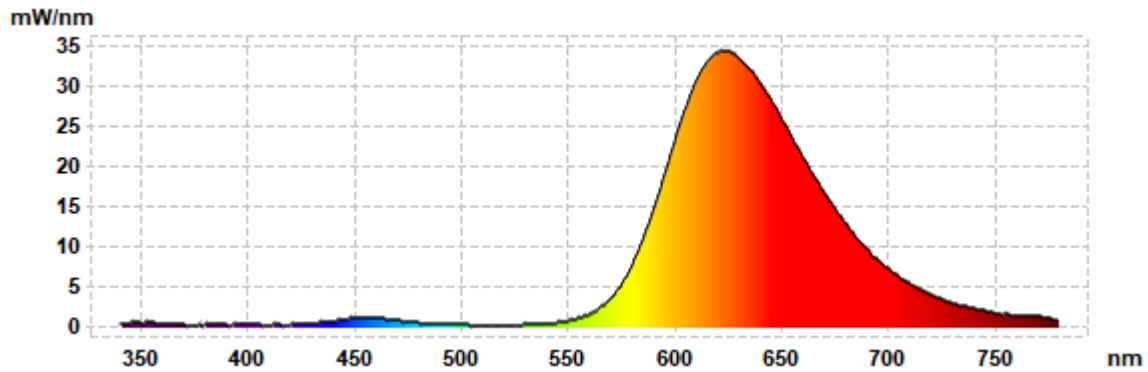


GL SpectroSoft Report
Lighting Research & Measurement Center
Spectrum



Measurement name: 2020-03-30T15:38:24
 Measurement time: 2020-03-30 15:38:24
 Report time: 2020-06-24 08:44:07
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power: IT7321 AC ITECH
 Ambient Temperature: 22.4 [C]

Client name: LED line®
 Model name: Naświetlacz PHOTON RGB 50W - R
 Item No: 470492
 Serial No.: 63311
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0,6348
y	0,3394
u'	0,4375
v'	0,5264
L	100,00
a	126,55
b	117,71
X	1077,42
Y	576,08
Z	43,70

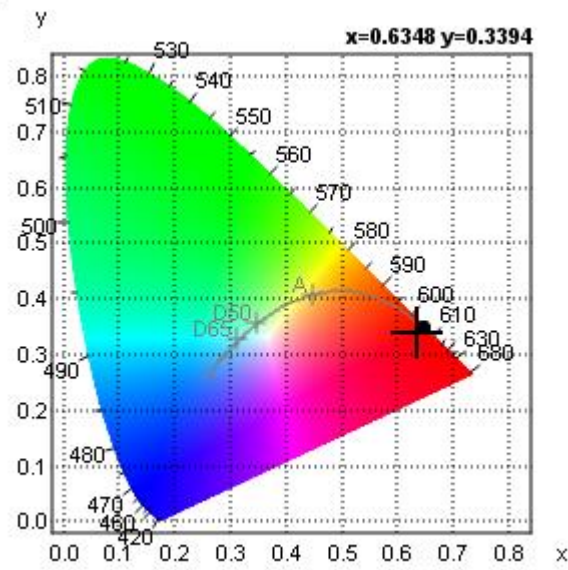
CIE 1964 10° observer	
x	0,6309
y	0,3425
u'	0,4316
v'	0,5271
L	100,00
a	123,93
b	116,61
X	1102,98
Y	598,70
Z	46,56

Other	
CCT [K]	1044
Chromaticity Error	0,007
Color Peak	623,65
Color Peak Value	34,39
Color Dominant	608,2
Luminous Flux [lm]	576,08
Purity	
Radiometric	2,9730
PAR	
PPFD	
Luminous Efficacy	29,4077 lm/W
Power [W]	19,5894
Power Factor	0,674
Current [A]	0,126373
Voltage [V]	230,08
Duv	0,0046

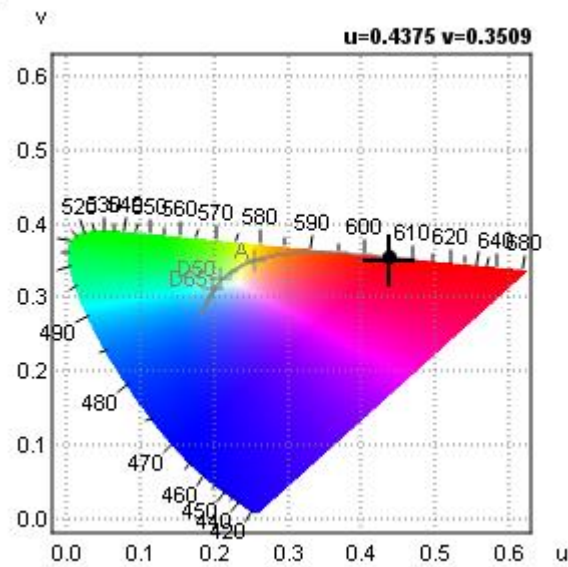
Rendering Indices	
Ra	49,8
R1	46,0
R2	86,7
R3	58,5
R4	21,4
R5	43,0
R6	93,3
R7	44,9
R8	4,9
R9	-60,5
R10	83,5
R11	22,6
R12	70,0
R13	55,1
R14	79,2

Metamerism Indices	
Mivis	3,6
Miuv	1,0

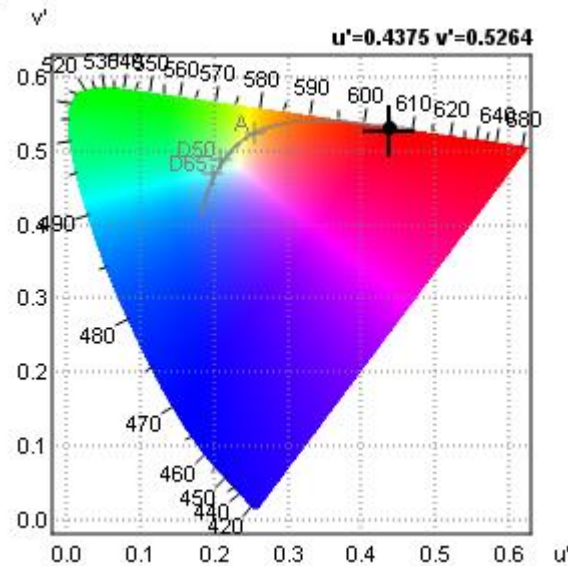
CIE 1931



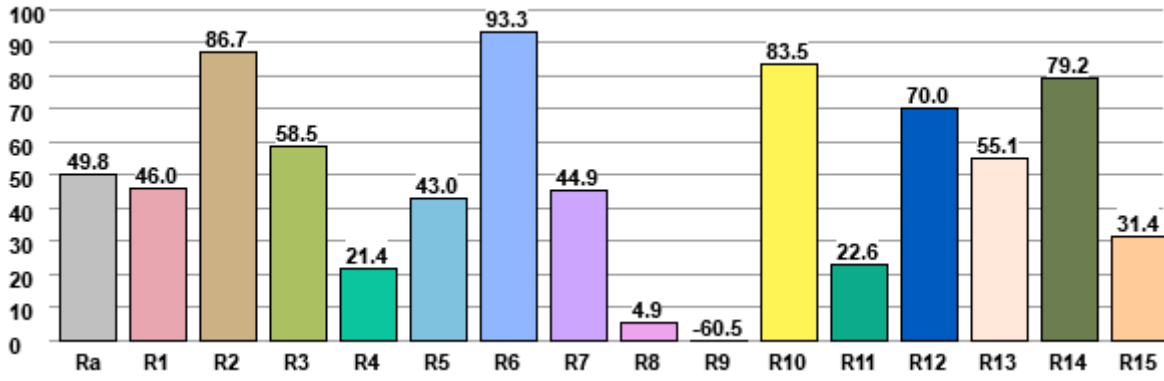
CIE 1960



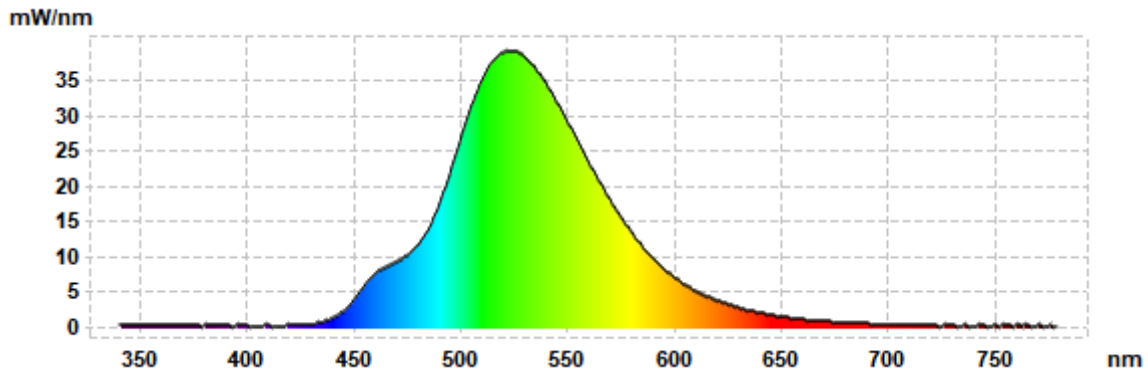
CIE 1976



CRI



GL SpectroSoft Report
Lighting Research & Measurement Center
Spectrum



Measurement name:	2020-03-30T15:53:27	Client name:	LED line®
Measurement time:	2020-03-30 15:53:27	Model name:	Naświetlacz PHOTON RGB 50W - G
Report time:	2020-06-24 09:07:03	Item No:	470492
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Serial No.:	63311
Power:	IT7321 AC ITECH	Made by:	Radosław Kośnik
Ambient Temperature:	22.4 [C]		

Results

CIE 1931 2° observer	
x	0,2714
y	0,5596
u'	0,1184
v'	0,5491
L	100,00
a	-100,44
b	69,58
X	746,83
Y	1539,76
Z	464,90

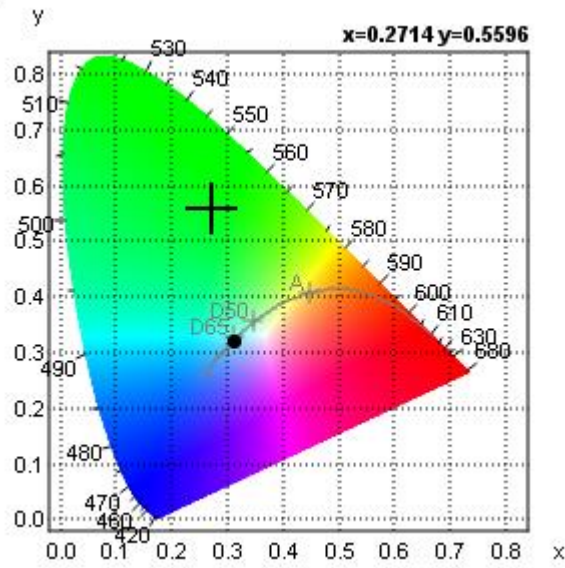
CIE 1964 10° observer	
x	0,2959
y	0,5564
u'	0,1303
v'	0,5512
L	100,00
a	-87,64
b	74,46
X	876,24
Y	1647,57
Z	437,27

Other	
CCT [K]	6691
Chromaticity Error	0,106
Color Peak	524,35
Color Peak Value	39,19
Color Dominant	538,0
Luminous Flux [lm]	1539,76
Purity	
Radiometric	3,4554
PAR	
PPFD	
Luminous Efficacy	78,8361 lm/W
Power [W]	19,5311
Power Factor	0,673
Current [A]	0,126038
Voltage [V]	229,992
Duv	0,0991

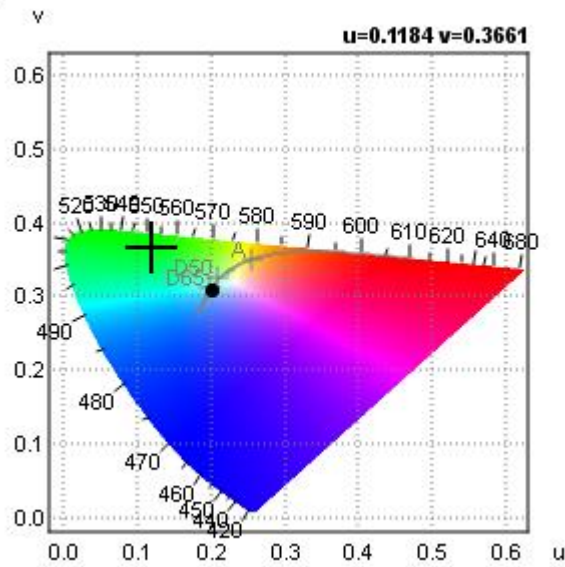
Rendering Indices	
Ra	29,5
R1	6,8
R2	43,6
R3	63,2
R4	2,4
R5	20,9
R6	40,0
R7	56,0
R8	3,0
R9	-100,0
R10	-1,6
R11	-11,1
R12	12,0
R13	10,9
R14	78,2

Metamerism Indices	
Mivis	7,6
Miuv	3,0

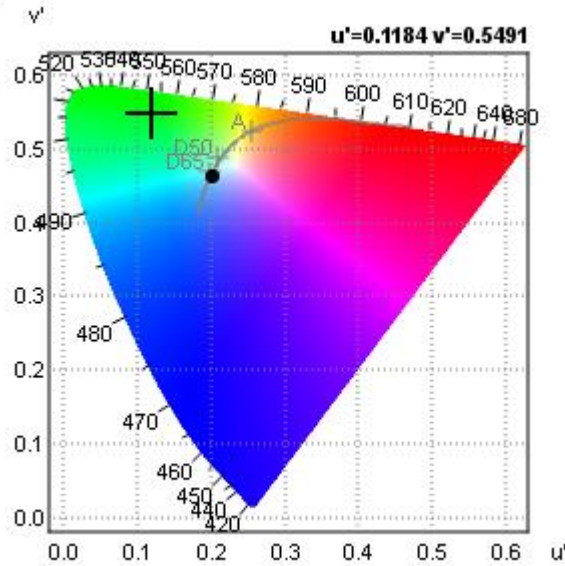
CIE 1931



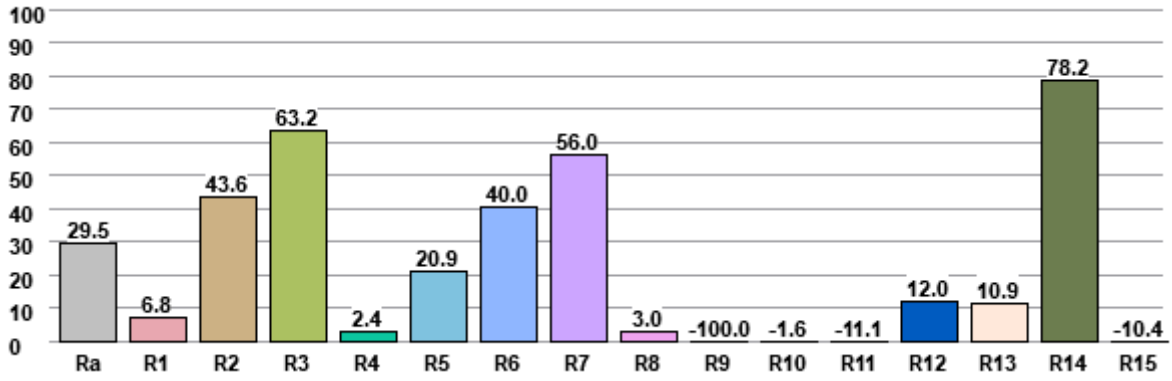
CIE 1960



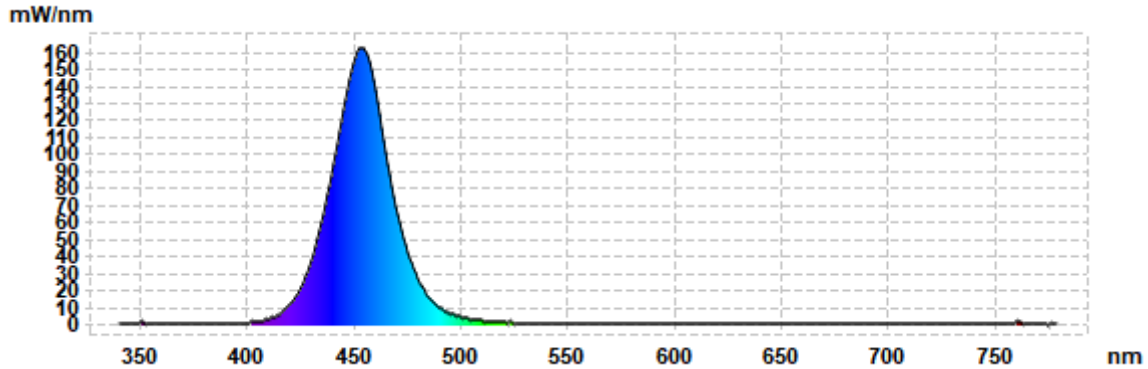
CIE 1976



CRI



GL SpectroSoft Report
Lighting Research & Measurement Center
Spectrum



Measurement name: 2020-03-30T16:08:29
 Measurement time: 2020-03-30 16:08:29
 Report time: 2020-06-24 09:20:31
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power: IT7321 AC ITECH
 Ambient Temperature: 22.4 [C]

Client name: LED line®
 Model name: Naświetlacz PHOTON RGB 50W - B
 Item No: 470492
 Serial No.: 63311
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0,1492
y	0,0328
u'	0,1928
v'	0,0954
L	100,00
a	342,50
b	-367,96
X	1031,64
Y	226,87
Z	5657,16

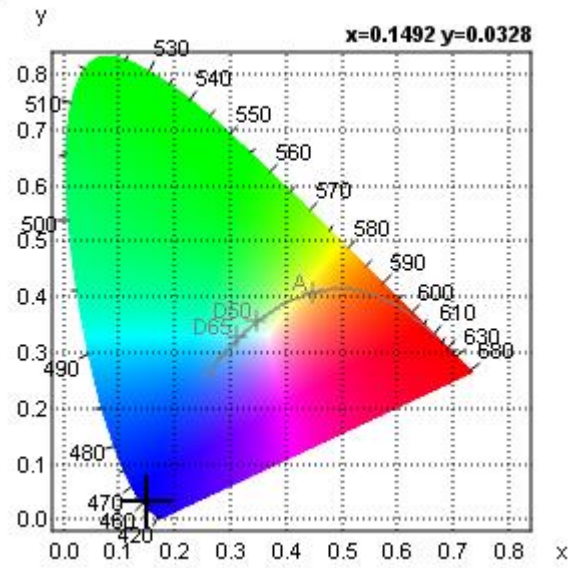
CIE 1964 10° observer	
x	0,1437
y	0,0592
u'	0,1679
v'	0,1556
L	100,00
a	184,09
b	-264,78
X	1109,29
Y	456,85
Z	6152,59

Other	
CCT [K]	-
Chromaticity Error	0,335
Color Peak	455,14
Color Peak Value	162,18
Color Dominant	458,6
Luminous Flux [lm]	226,87
Purity	
Radiometric	5,4409
PAR	
PPFD	
Luminous Efficacy	11,7595 lm/W
Power [W]	19,2928
Power Factor	0,672
Current [A]	0,124847
Voltage [V]	229,97
Duv	0,2107

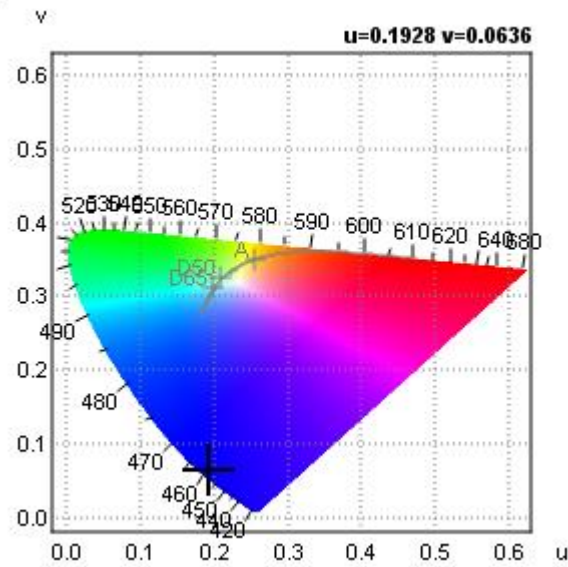
Rendering Indices	
Ra	-57,8
R1	-59,0
R2	-5,8
R3	-90,3
R4	-100,0
R5	-44,4
R6	-44,9
R7	-31,7
R8	-86,5
R9	-100,0
R10	-100,0
R11	-100,0
R12	-100,0
R13	-45,0
R14	-4,7

Metamerism Indices	
Mivis	9,7
Miuv	6,9

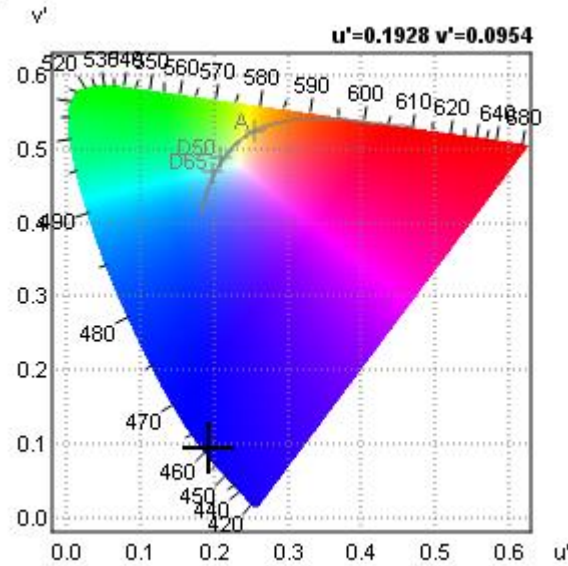
CIE 1931



CIE 1960



CIE 1976



CRI

