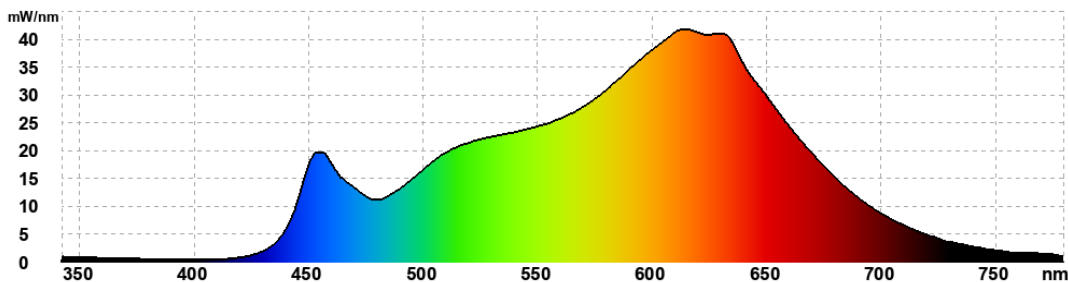


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4583_D_20241028_M_S
Measurement time: 2024-10-28 08:58:22
Report time: 2025-01-09
Device: GL SPHERE 2000 SPECTIS 1.0 VIS
Power source: IT7321 AC ITECH
Ambient Temperature: 23.3 [C]

Client name: LED line PRIME
Model name: Track light LUMICANTO 6-20W CCT 36/60° czarny PRIME
Item No: 210493
Serial No.: 47308
Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.436
y	0.4038
u'	0.2501
v'	0.5212
L	100
a	21.72
b	57.18
X	2141.48
Y	1983.29
Z	786.41

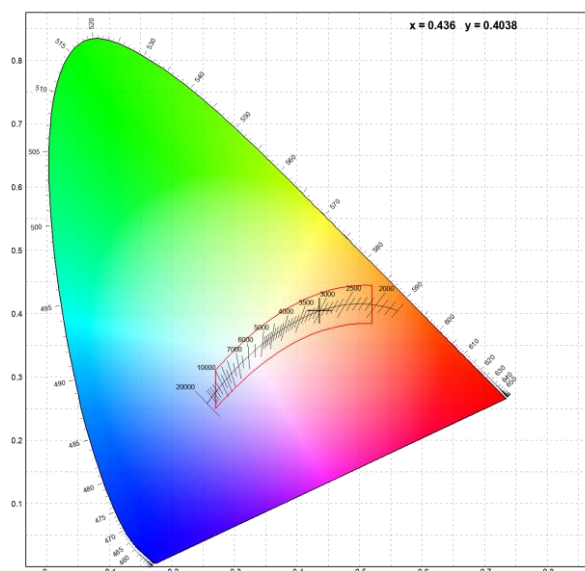
CIE 1964 10° observer	
x	0.4414
y	0.4034
u'	0.2538
v'	0.5218
L	100
a	24.49
b	57.91
X	2296.29
Y	2098.32
Z	807.44

Other	
CCT [K]	3013
Chromaticity Error	0.001
Color Peak	614.25
Color Peak Value	41.5854
Color Dominant	582.7
Luminous Flux [lm]	1983.29
Purity	0.522
Radiometric	6.5493
PAR	
PPFD	
Luminous Efficacy	104.22 lm/W
Power [W]	19.0298
Power Factor	0.968
Current [A]	0.08546
Voltage [V]	230.047
Duv	

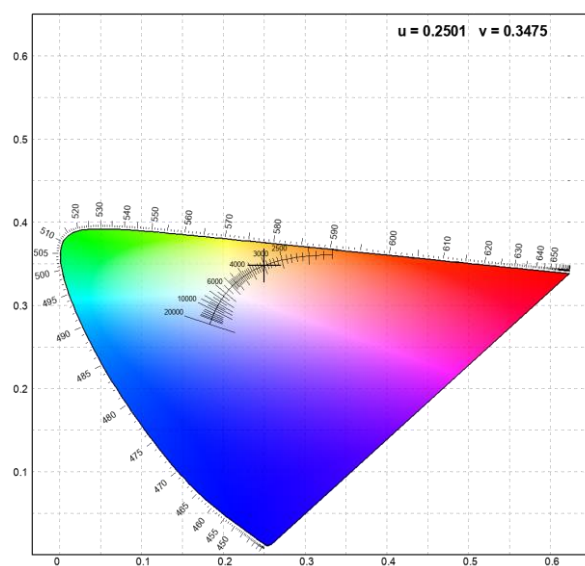
Metamerism Indices	
Mivis	2.6
Miuv	3.1

Rendering Indices	
Ra	93.8
R1	96.2
R2	99.7
R3	96.9
R4	95.6
R5	96.3
R6	95.6
R7	90.0
R8	80.5
R9	57.9
R10	98.9
R11	99.1
R12	84.4
R13	97.8
R14	99.1

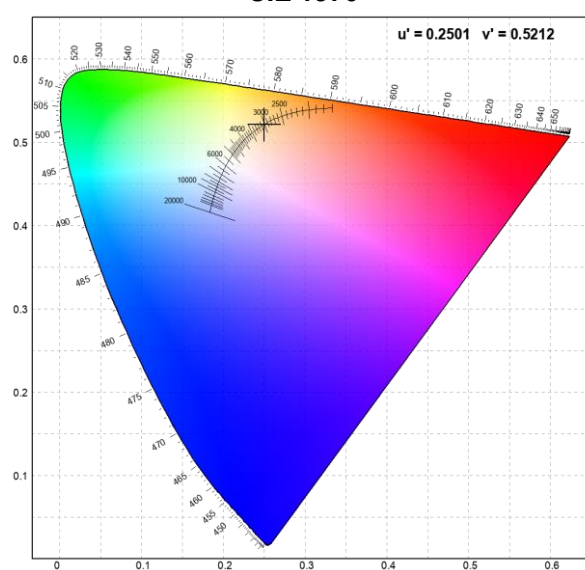
CIE 1931

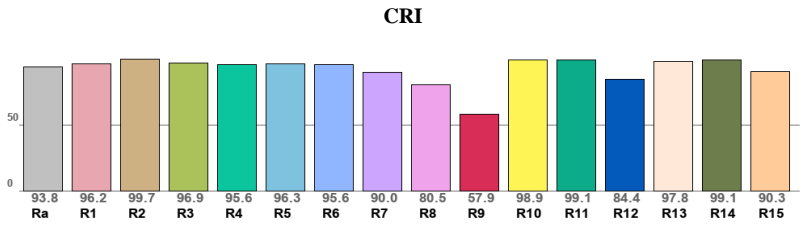


CIE 1960



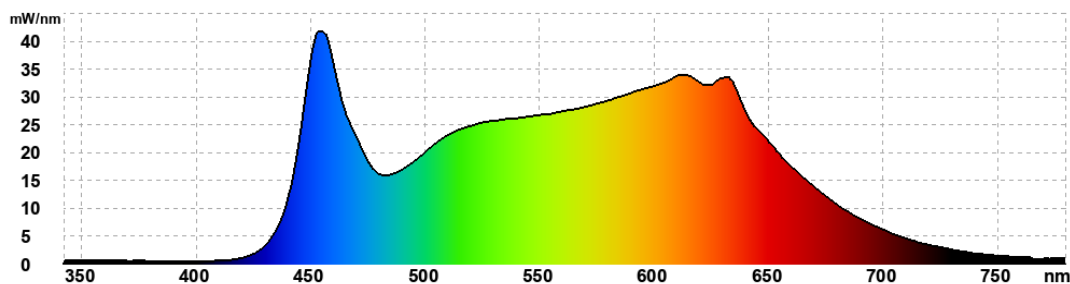
CIE 1976





GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4583_D_20241028_M_S
Measurement time: 2024-10-28 09:29:04
Report time: 2025-01-09
Device: GL SPHERE 2000 SPECTIS 1.0 VIS
Power source: IT7321 AC ITECH
Ambient Temperature: 23.6 [C]

Client name: LED line PRIME
Model name: Track light LUMICANTO 6-20W CCT
36/60° czarny PRIME
Item No: 210493
Serial No.: 47308
Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3703
y	0.3642
u'	0.2234
v'	0.4944
L	100
a	11.4
b	25.03
X	2012.32
Y	1978.83
Z	1442.75

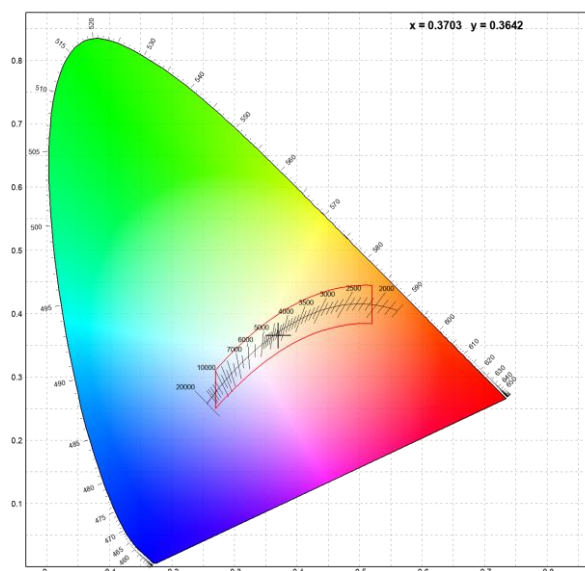
CIE 1964 10° observer	
x	0.3746
y	0.3659
u'	0.2256
v'	0.4958
L	100
a	12.97
b	25.79
X	2177.17
Y	2126.52
Z	1508.17

Other	
CCT [K]	4201
Chromaticity Error	0.003
Color Peak	452.91
Color Peak Value	41.5337
Color Dominant	580.3
Luminous Flux [lm]	1978.83
Purity	0.205
Radiometric	6.5725
PAR	
PPFD	
Luminous Efficacy	103.81 lm/W
Power [W]	19.0629
Power Factor	0.967
Current [A]	0.08568
Voltage [V]	230.069
Duv	

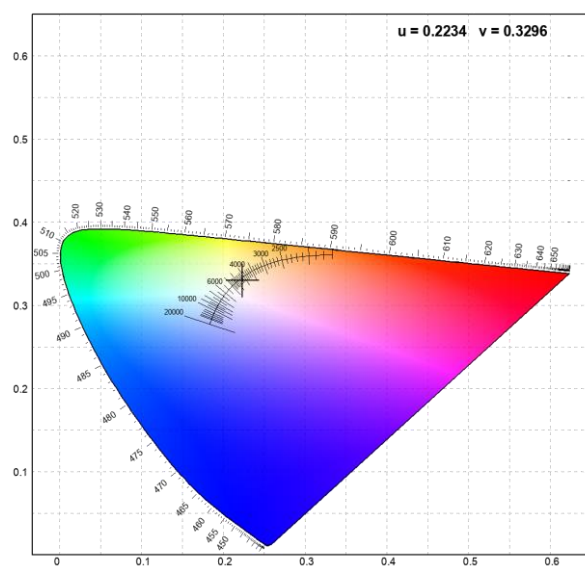
Metamerism Indices	
Mivis	1.9
Miuv	3.6

Rendering Indices	
Ra	94.4
R1	96.7
R2	98.9
R3	97.9
R4	94.0
R5	95.0
R6	94.3
R7	91.7
R8	86.3
R9	69.8
R10	98.2
R11	96.1
R12	72.3
R13	99.0
R14	99.8

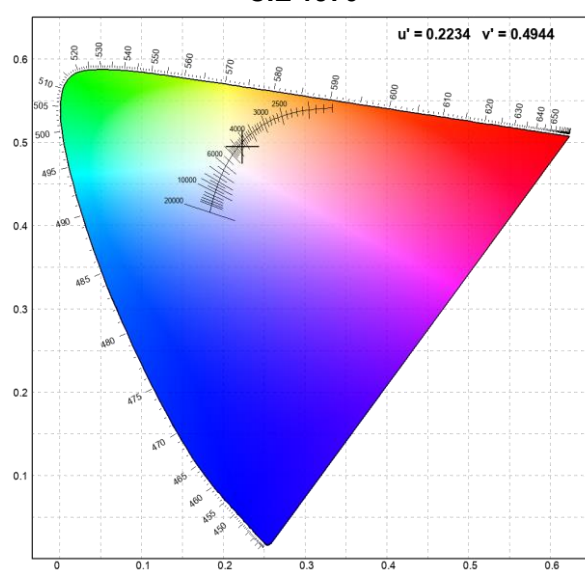
CIE 1931

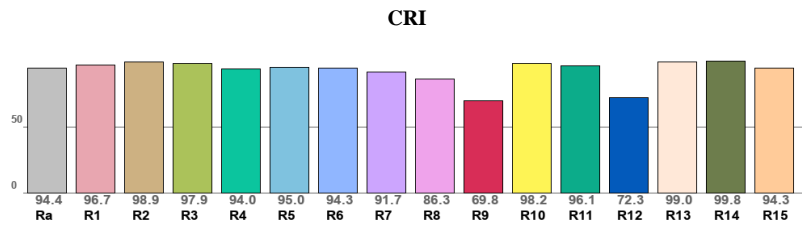


CIE 1960



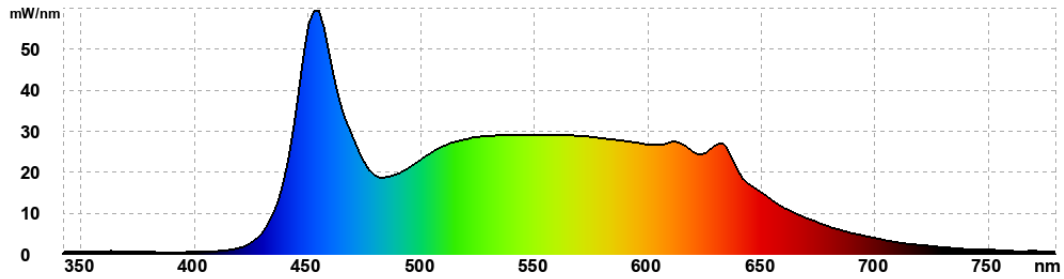
CIE 1976





GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4583_D_20241028_M_S
Measurement time: 2024-10-28 09:13:43
Report time: 2025-01-09
Device: GL SPHERE 2000 SPECTIS 1.0 VIS
Power source: IT7321 AC ITECH
Ambient Temperature: 23.4 [C]

Client name: LED line PRIME
Model name: Track light LUMICANTO 6-20W CCT 36/60° czarny PRIME
Item No: 210493
Serial No.: 47308
Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3236
y	0.3372
u'	0.2022
v'	0.4743
L	100
a	1.58
b	5.22
X	1900.62
Y	1980.87
Z	1992.62

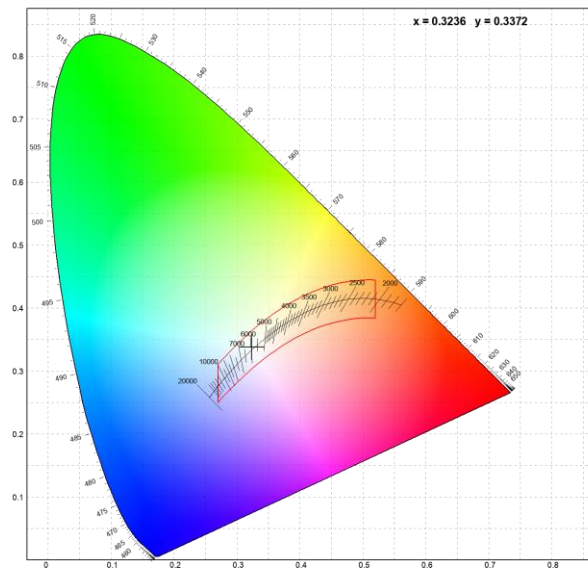
CIE 1964 10° observer	
x	0.328
y	0.3401
u'	0.2042
v'	0.4764
L	100
a	2.85
b	6.2
X	2076.67
Y	2153.28
Z	2102.17

Other	
CCT [K]	5911
Chromaticity Error	0.002
Color Peak	452.91
Color Peak Value	59.1368
Color Dominant	496.7
Luminous Flux [lm]	1980.87
Purity	0.031
Radiometric	6.5601
PAR	
PPFD	
Luminous Efficacy	104.12 lm/W
Power [W]	19.0245
Power Factor	0.969
Current [A]	0.08534
Voltage [V]	230.069
Duv	

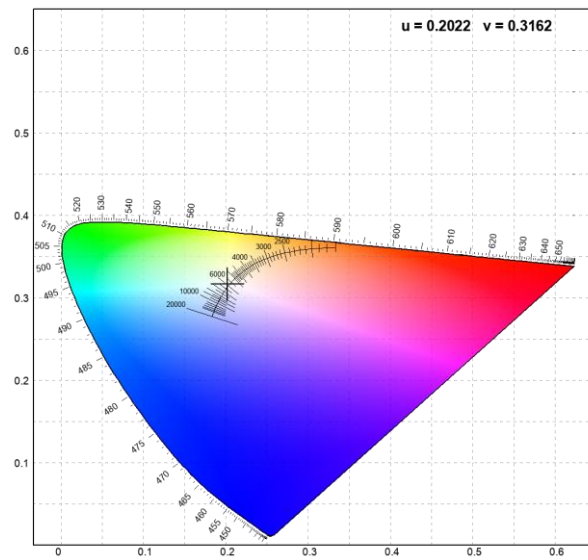
Metamerism Indices	
Mivis	1.9
Miuv	4.8

Rendering Indices	
Ra	91.3
R1	91.8
R2	95.8
R3	95.9
R4	90.1
R5	90.3
R6	90.9
R7	92.2
R8	83.2
R9	54.4
R10	88.0
R11	90.7
R12	65.6
R13	93.8
R14	98.1

CIE 1931



CIE 1960



CIE 1976

