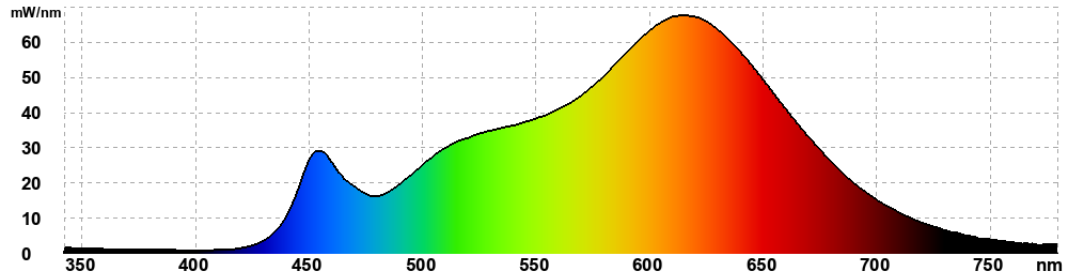


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4582_D_20241025_M_S
Measurement time: 2024-10-25 15:17:24
Report time: 2025-01-09
Device: GL SPHERE 2000 SPECTIS 1.0 VIS
Power source: IT7321 AC ITECH
Ambient Temperature: 22.5 [C]

Client name: LED line PRIME
Model name: Track light LUMICANTO 14-29W CCT 36/60° biały PRIME
Item No: 210516
Serial No.: 47308
Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.4426
y	0.4047
u'	0.2539
v'	0.5225
L	100
a	23.93
b	59.53
X	3467.14
Y	3170.51
Z	1196.23

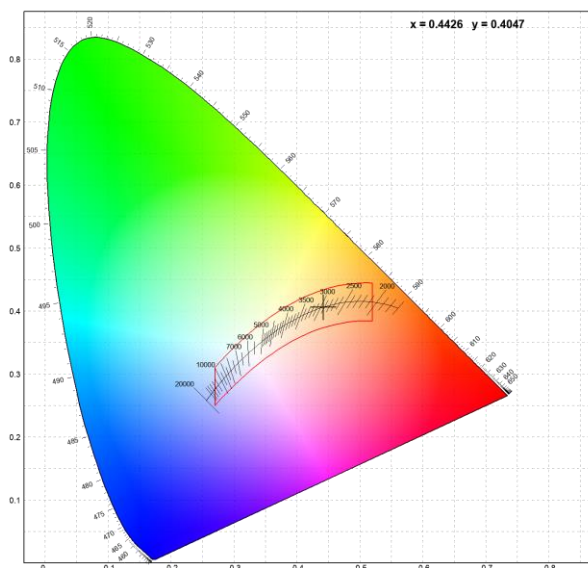
CIE 1964 10° observer	
x	0.448
y	0.4035
u'	0.258
v'	0.5228
L	100
a	26.99
b	60.01
X	3715.72
Y	3347.19
Z	1231.6

Other	
CCT [K]	2912
Chromaticity Error	0.001
Color Peak	614.25
Color Peak Value	67.3831
Color Dominant	583.4
Luminous Flux [lm]	3170.51
Purity	0.543
Radiometric	10.5558
PAR	
PPFD	
Luminous Efficacy	104.4 lm/W
Power [W]	30.3688
Power Factor	0.99
Current [A]	0.13339
Voltage [V]	229.97
Duv	

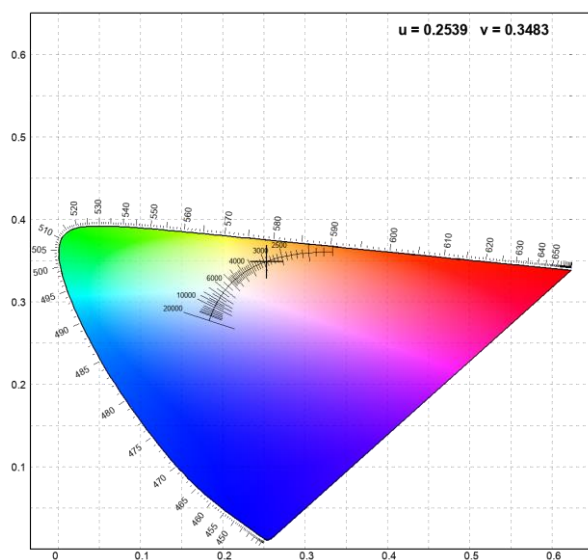
Metamerism Indices	
Mivis	2.5
Miuv	3.2

Rendering Indices	
Ra	92.5
R1	94.2
R2	98.8
R3	96.5
R4	94.0
R5	94.8
R6	96.2
R7	88.7
R8	76.9
R9	50.2
R10	97.0
R11	97.2
R12	85.8
R13	96.0
R14	98.9

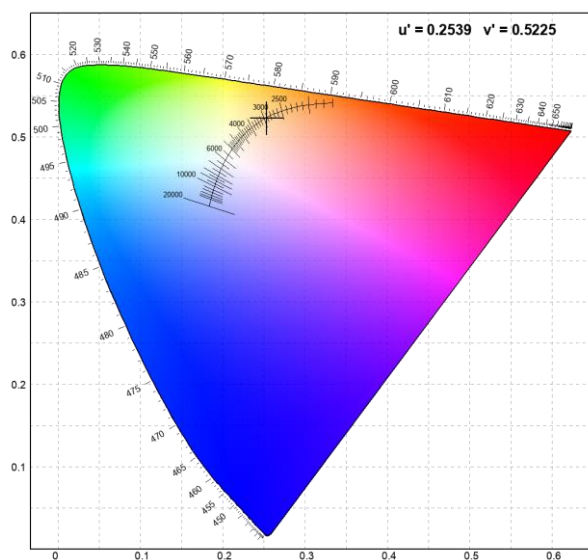
CIE 1931

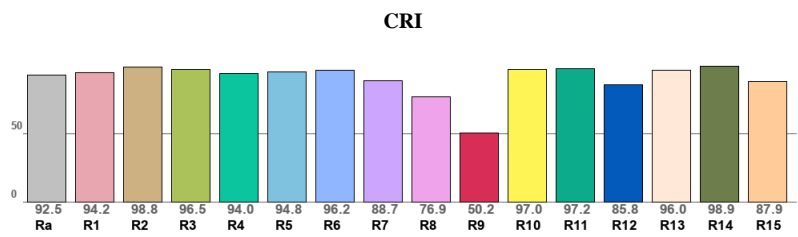


CIE 1960



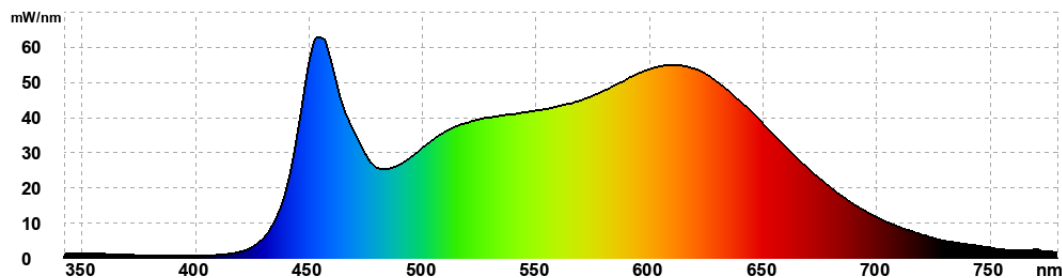
CIE 1976





GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4582_D_20241025_M_S
Measurement time: 2024-10-25 15:47:47
Report time: 2025-01-09
Device: GL SPHERE 2000 SPECTIS 1.0 VIS
Power source: IT7321 AC ITECH
Ambient Temperature: 22.4 [C]

Client name: LED line PRIME
Model name: Track light LUMICANTO 14-29W CCT 36/60° biały PRIME
Item No: 210516
Serial No.: 47308
Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3752
y	0.3645
u'	0.2266
v'	0.4953
L	100
a	13.46
b	26.23
X	3255.81
Y	3163.09
Z	2259.31

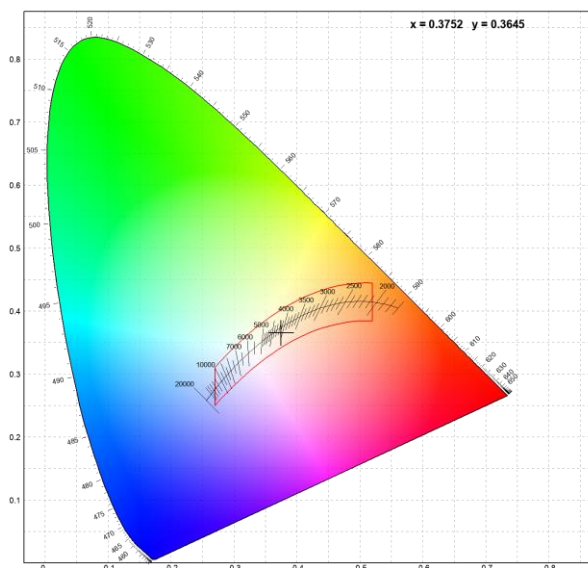
CIE 1964 10° observer	
x	0.3793
y	0.366
u'	0.2287
v'	0.4966
L	100
a	15.03
b	26.9
X	3518.51
Y	3395.7
Z	2362.54

Other	
CCT [K]	4057
Chromaticity Error	0.004
Color Peak	452.91
Color Peak Value	62.4262
Color Dominant	581.7
Luminous Flux [lm]	3163.09
Purity	0.221
Radiometric	10.7002
PAR	
PPFD	
Luminous Efficacy	111.08 lm/W
Power [W]	28.476
Power Factor	0.989
Current [A]	0.1251
Voltage [V]	229.936
Duv	

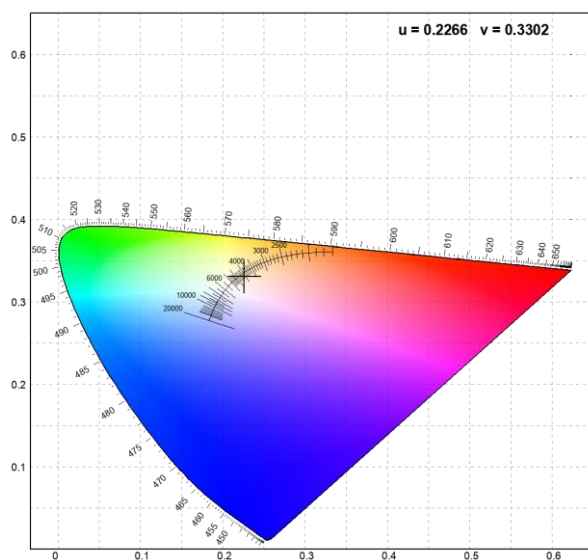
Metamerism Indices	
Mivis	1.8
Miuv	3.5

Rendering Indices	
Ra	93.8
R1	96.6
R2	98.4
R3	97.0
R4	94.0
R5	95.3
R6	94.0
R7	90.7
R8	84.7
R9	66.8
R10	98.5
R11	96.0
R12	74.6
R13	98.8
R14	99.5

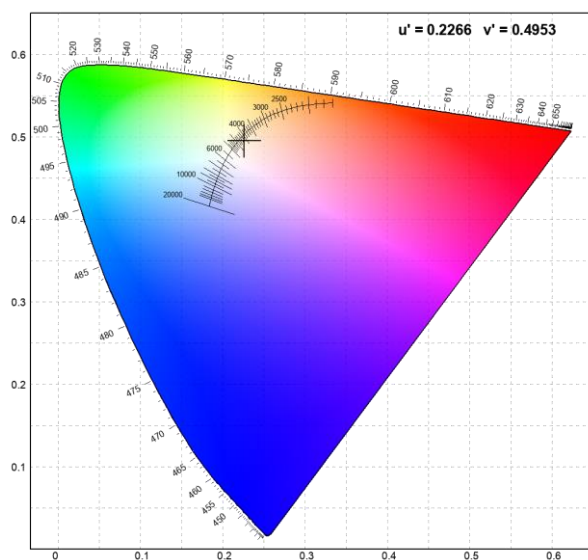
CIE 1931

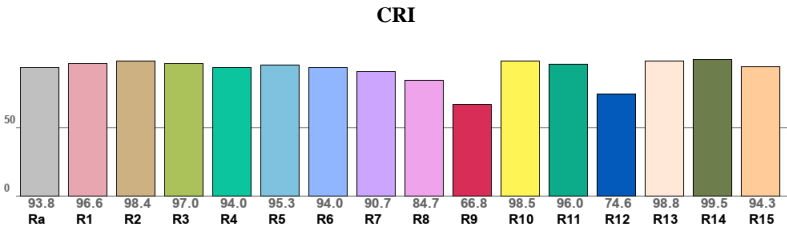


CIE 1960



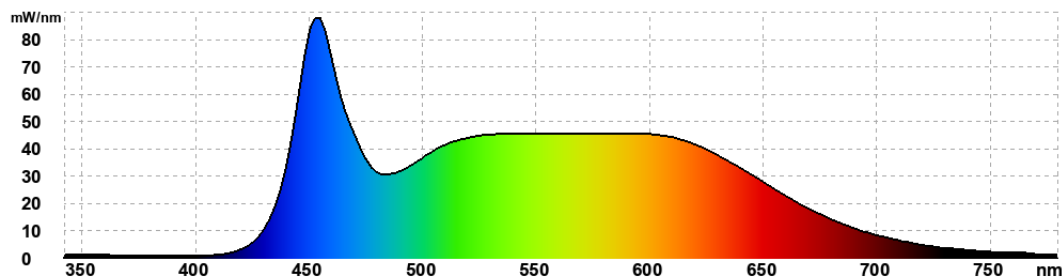
CIE 1976





GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4582_D_20241025_M_S
Measurement time: 2024-10-25 15:32:35
Report time: 2025-01-09
Device: GL SPHERE 2000 SPECTIS 1.0 VIS
Power source: IT7321 AC ITECH
Ambient Temperature: 22.4 [C]

Client name: LED line PRIME
Model name: Track light LUMICANTO 14-29W CCT 36/60° biały PRIME
Item No: 210516
Serial No.: 47308
Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3269
y	0.337
u'	0.2047
v'	0.4746
L	100
a	3.44
b	5.77
X	3065.13
Y	3159.28
Z	3150.86

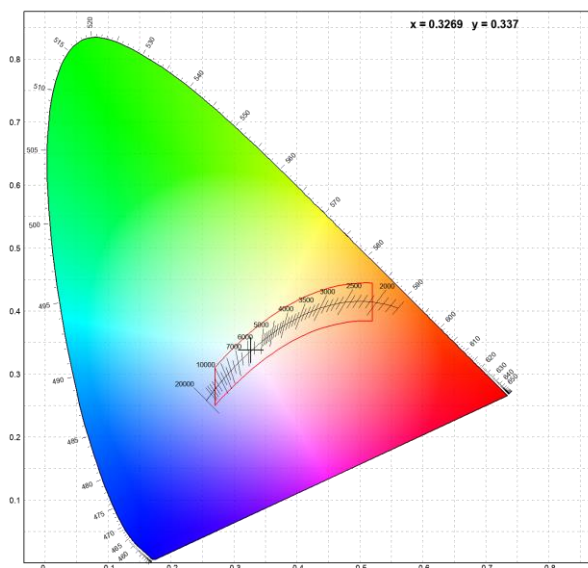
CIE 1964 10° observer	
x	0.331
y	0.3398
u'	0.2064
v'	0.4767
L	100
a	4.55
b	6.71
X	3344.68
Y	3433.3
Z	3325.76

Other	
CCT [K]	5752
Chromaticity Error	0.003
Color Peak	452.91
Color Peak Value	87.5254
Color Dominant	499.1
Luminous Flux [lm]	3159.28
Purity	0.020
Radiometric	10.7376
PAR	
PPFD	
Luminous Efficacy	104.06 lm/W
Power [W]	30.3609
Power Factor	0.99
Current [A]	0.1332
Voltage [V]	229.959
Duv	

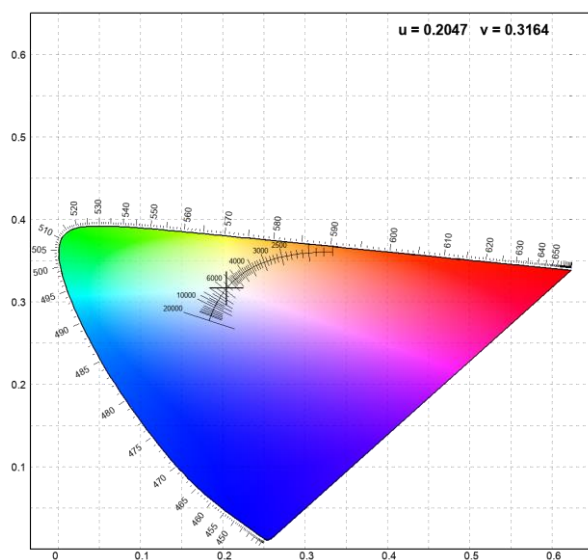
Metamerism Indices	
Mivis	1.8
Miuv	4.6

Rendering Indices	
Ra	92.0
R1	92.8
R2	96.7
R3	96.5
R4	91.3
R5	91.6
R6	91.8
R7	92.0
R8	83.3
R9	55.6
R10	90.3
R11	92.2
R12	69.3
R13	95.0
R14	98.5

CIE 1931



CIE 1960



CIE 1976

