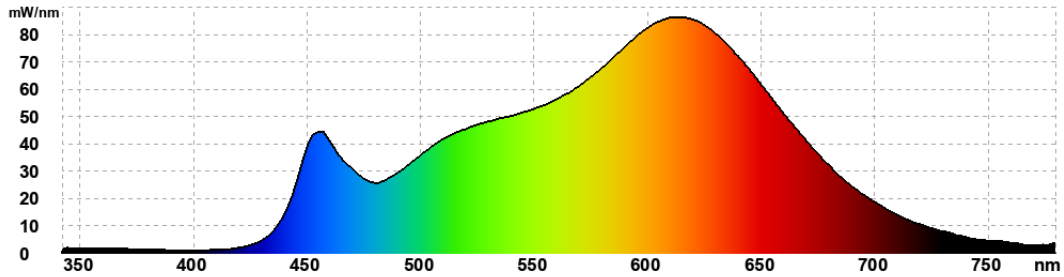


GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: *B4585\_D\_20241029\_M\_S*  
 Measurement time: *2024-10-29 10:02:31*  
 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 12-42W CCT 36/60° czarny PRIME*  
 Item No: *210509*  
 Serial No.: *47308*  
 Made by: *Radosław Kośnik*

Results

CIE 1931 2° observer	
x	<b>0.4295</b>
y	<b>0.401</b>
u'	0.2471
v'	0.519
L	100
a	20.31
b	54.09
X	4567.81
Y	4264.89
Z	1803.4

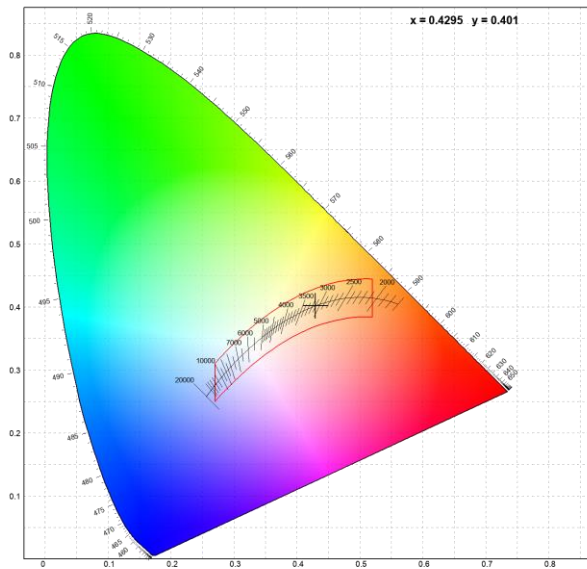
CIE 1964 10° observer	
x	0.435
y	0.4005
u'	0.2509
v'	0.5197
L	100
a	23.18
b	54.76
X	4905.87
Y	4516.68
Z	1856.11

Other	
<b>CCT [K]</b>	<b>3104</b>
Chromaticity Error	0.001
Color Peak	610.45
Color Peak Value	85.9999
Color Dominant	582.4
<b>Luminous Flux [lm]</b>	<b>4264.89</b>
Purity	0.493
Radiometric	14.0354
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>103.63 lm/W</b>
Power [W]	41.1559
Power Factor	0.985
Current [A]	0.1815
Voltage [V]	230.058
Duv	

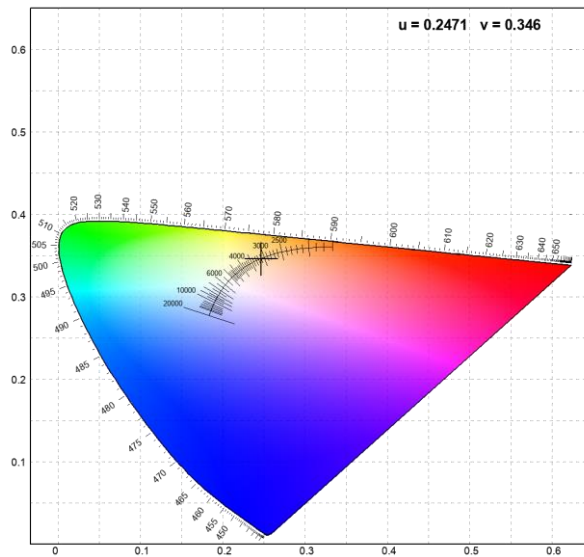
Rendering Indices	
<b>Ra</b>	<b>92.2</b>
R1	93.9
R2	98.9
R3	96.1
R4	92.6
R5	94.0
R6	96.3
R7	88.5
R8	77.0
R9	50.0
R10	97.0
R11	95.4
R12	82.7
R13	95.8
R14	98.6

Metamerism Indices	
Mivis	2.5
Miuv	3.2

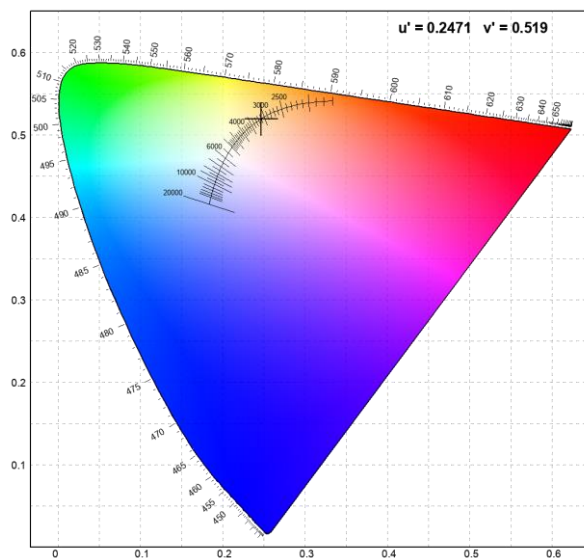
CIE 1931



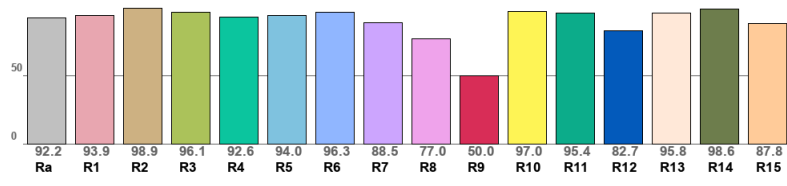
CIE 1960



CIE 1976

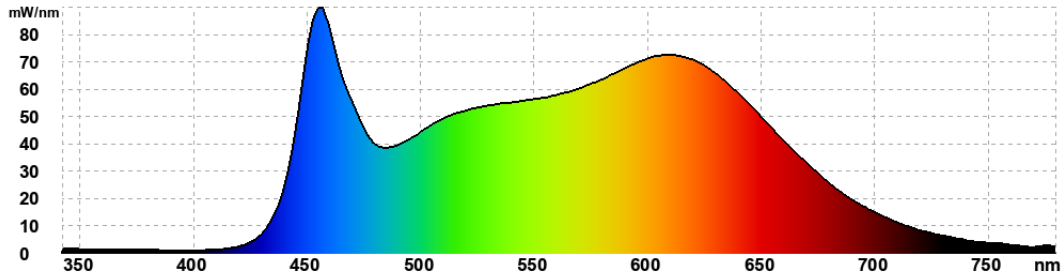


CRI



GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: *B4585\_D\_20241029\_M\_S*  
 Measurement time: *2024-10-29 10:33:00*  
 Report time: *2025-01-09*  
 Device: *GL SPHERE 2000 SPECTIS 1.0 VIS*  
 Power source: *IT7321 AC ITECH*  
 Ambient Temperature: *23 [C]*

Client name: *LED line PRIME*  
 Model name: *Track light LUMICANTO 12-42W CCT 36/60° czarny PRIME*  
 Item No: *210509*  
 Serial No.: *47308*  
 Made by: *Radosław Kośnik*

Results

CIE 1931 2° observer	
x	0.3685
y	0.3604
u'	0.2237
v'	0.4924
L	100
a	12.31
b	23.19
X	4344.92
Y	4249.76
Z	3197.14

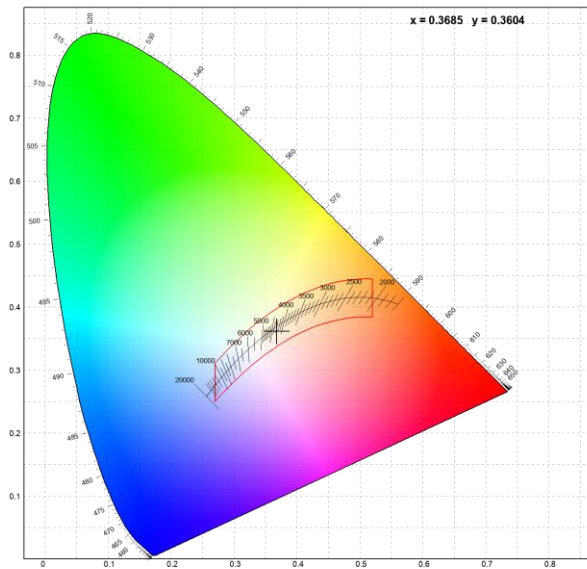
CIE 1964 10° observer	
x	0.3725
y	0.3632
u'	0.2253
v'	0.4943
L	100
a	13.25
b	24.28
X	4695.92
Y	4579.13
Z	3332.51

Other	
CCT [K]	4232
Chromaticity Error	0.003
Color Peak	455.14
Color Peak Value	89.2281
Color Dominant	581.3
Luminous Flux [lm]	4249.76
Purity	0.187
Radiometric	14.4357
PAR	
PPFD	
Luminous Efficacy	106.18 lm/W
Power [W]	40.0258
Power Factor	0.98
Current [A]	0.17759
Voltage [V]	229.981
Duv	

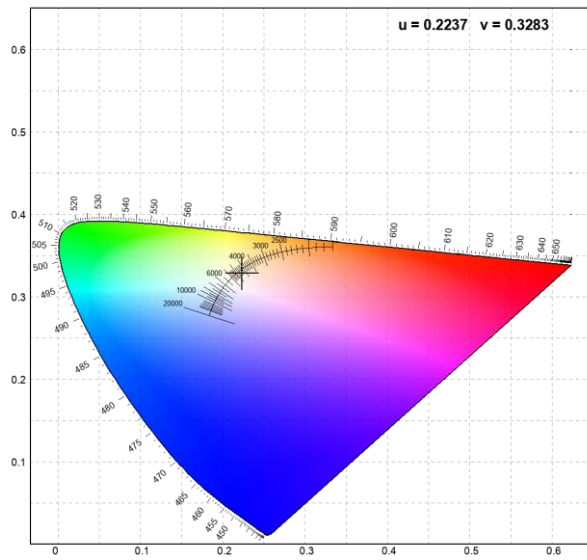
Rendering Indices	
Ra	93.1
R1	96.7
R2	97.2
R3	95.5
R4	92.7
R5	94.8
R6	93.1
R7	89.6
R8	84.9
R9	69.6
R10	96.6
R11	95.5
R12	73.4
R13	98.7
R14	98.5

Metamerism Indices	
Mivis	2.0
Miuv	3.5

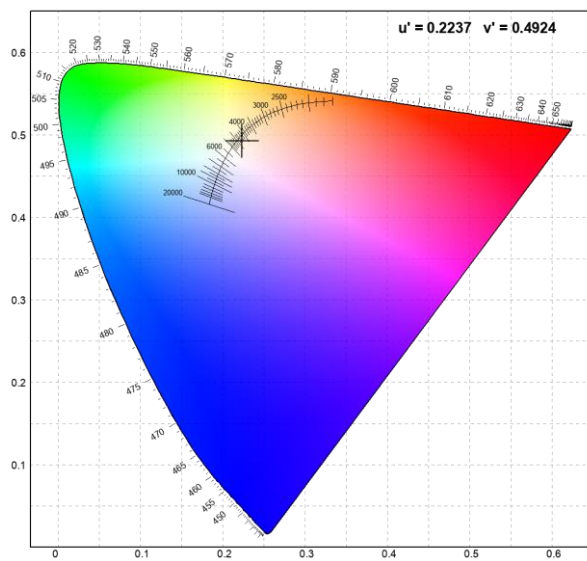
CIE 1931



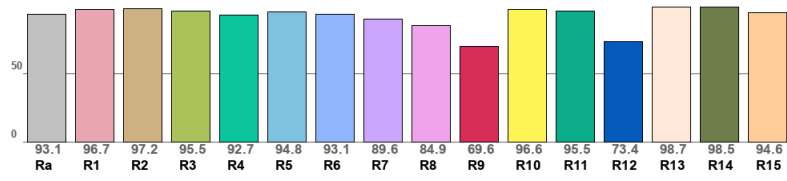
CIE 1960



CIE 1976

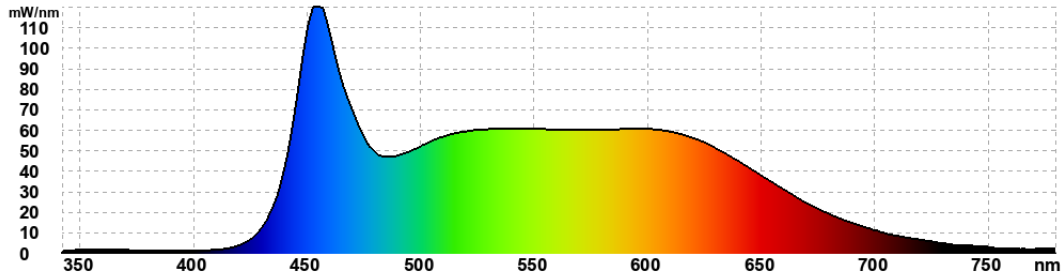


CRI



GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: B4585\_D\_20241029\_M\_S  
 Measurement time: 2024-10-29 10:17:45  
 Report time: 2025-01-09  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power source: IT7321 AC ITECH  
 Ambient Temperature: 22.8 [C]

Client name: LED line PRIME  
 Model name: Track light LUMICANTO 12-42W CCT 36/60° czarny PRIME  
 Item No: 210509  
 Serial No.: 47308  
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3231
y	0.3334
u'	0.2034
v'	0.4722
L	100
a	3.26
b	3.63
X	4114.16
Y	4245.18
Z	4375.53

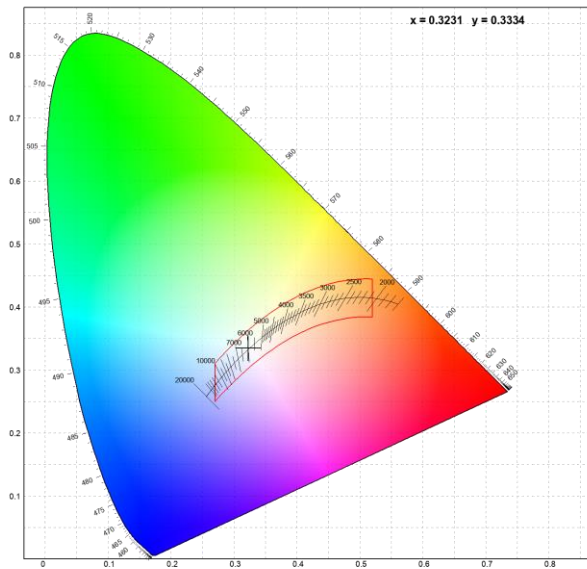
CIE 1964 10° observer	
x	0.3269
y	0.3379
u'	0.2043
v'	0.4751
L	100
a	3.38
b	5.15
X	4483.34
Y	4634.11
Z	4598.49

Other	
CCT [K]	5945
Chromaticity Error	0.002
Color Peak	452.91
Color Peak Value	119.9317
Color Dominant	492.0
Luminous Flux [lm]	4245.18
Purity	0.034
Radiometric	14.6244
PAR	
PPFD	
Luminous Efficacy	103.6 lm/W
Power [W]	40.9766
Power Factor	0.985
Current [A]	0.1807
Voltage [V]	230.058
Duv	

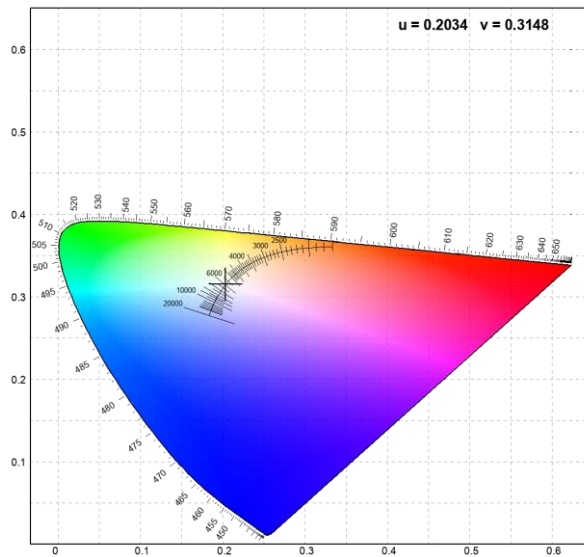
Rendering Indices	
Ra	93.0
R1	94.8
R2	98.8
R3	97.1
R4	91.1
R5	92.7
R6	93.4
R7	91.1
R8	85.0
R9	64.2
R10	96.6
R11	93.2
R12	70.4
R13	97.8
R14	99.5

Metamerism Indices	
Mivis	1.9
Miuv	4.6

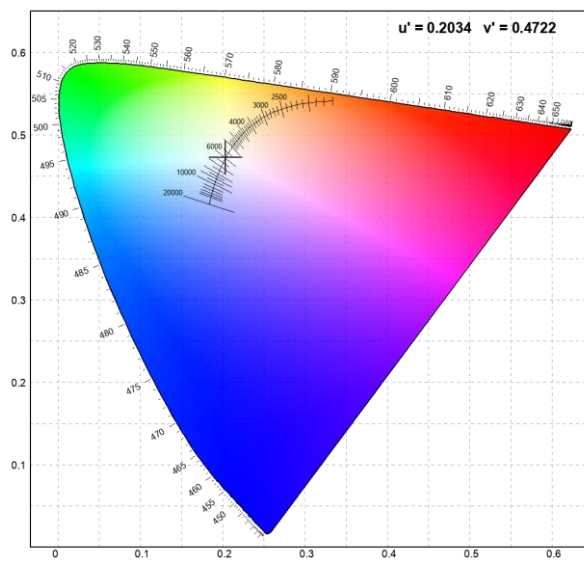
CIE 1931



CIE 1960



CIE 1976



CRI

