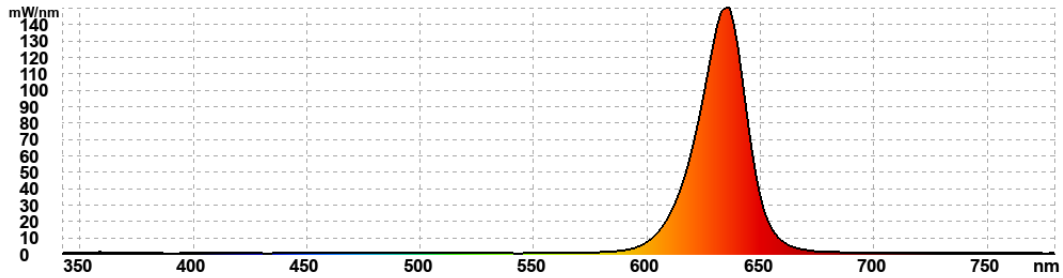


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B3770_D_20230914_R_S
 Measurement time: 2023-09-14 11:12:21
 Report time: 2023-09-15
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT6333B DC ITECH
 Ambient Temperature: 26.1 [C]

Client name: LED line PRIME
 Model name: Taśma LED 840 COB 24V RGB CCT 18W
 Item No: 200173
 Serial No.: 09602
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.6953
y	0.3015
u'	0.5320
v'	0.5191
L	100.00
a	171.86
b	157.21
X	320.61
Y	139.03
Z	1.48

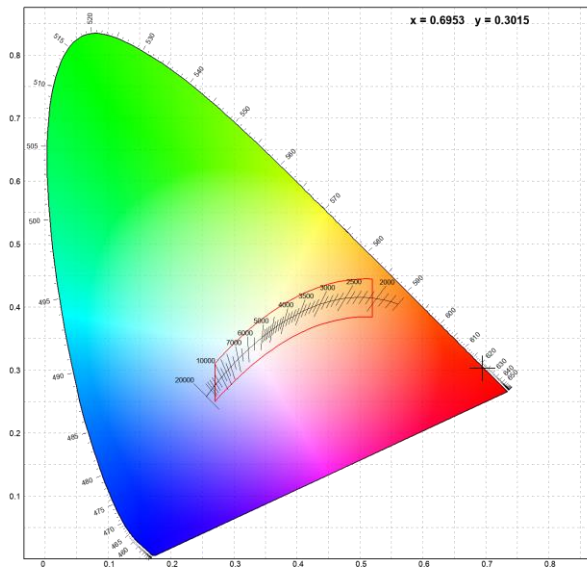
CIE 1964 10° observer	
x	0.6847
y	0.3119
u'	0.5096
v'	0.5224
L	100.00
a	161.44
b	156.83
X	319.75
Y	145.68
Z	1.57

Other	
CCT [K]	
Chromaticity Error	0.301
Color Peak	634.76
Color Peak Value	29.20
Color Dominant	623.9
Luminous Flux [lm]	139.03
Purity	0.990
Radiometric	0.7952
PAR	
PPFD	
Luminous Efficacy	20.91 lm/W
Power [W]	6.648
Power Factor	
Current [A]	0.277
Voltage [V]	24
Duv	nan

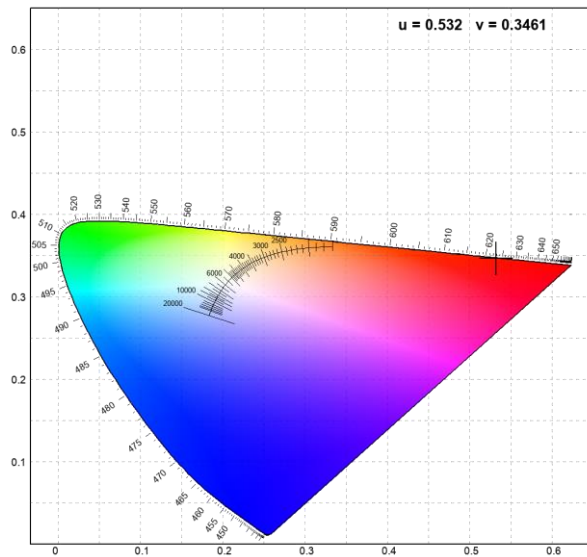
Rendering Indices	
Ra	-20.1
R1	-64.7
R2	3.2
R3	48.1
R4	-51.3
R5	-50.2
R6	-45.5
R7	30.8
R8	-30.8
R9	-100.0
R10	-68.3
R11	-100.0
R12	-67.1
R13	-63.6
R14	65.4

Metamerism Indices	
Mivis	6.0
Miuv	17.2

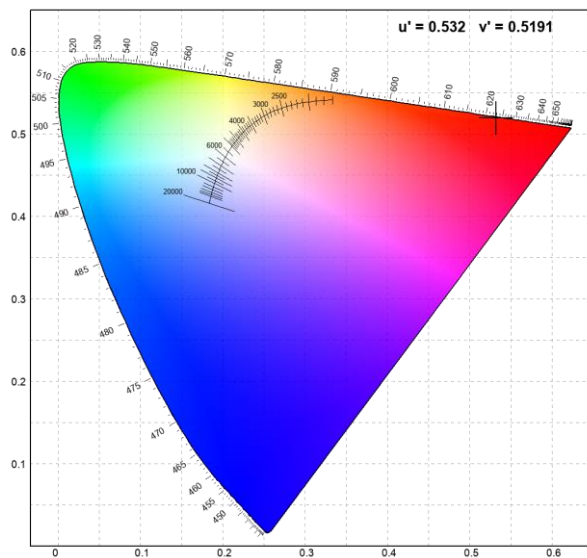
CIE 1931



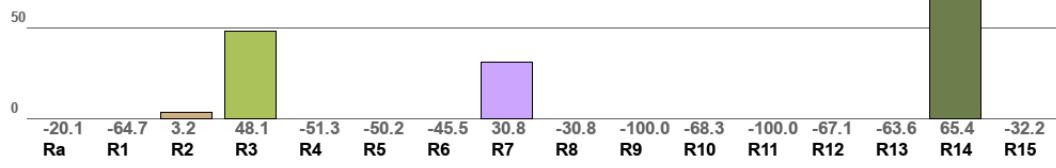
CIE 1960



CIE 1976

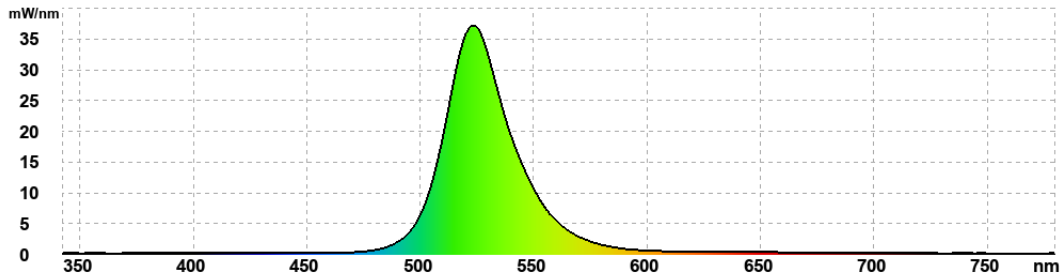


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GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B3770_D_20230914_R_S
 Measurement time: 2023-09-14 11:12:35
 Report time: 2023-09-15
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT6333B DC ITECH
 Ambient Temperature: 26.1 [C]

Client name: LED line PRIME
 Model name: Taśma LED 840 COB 24V RGB CCT 18W
 Item No: 200173
 Serial No.: 09602
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.1891
y	0.7336
u'	0.0662
v'	0.5779
L	100.00
a	-176.33
b	108.17
X	98.56
Y	382.28
Z	40.29

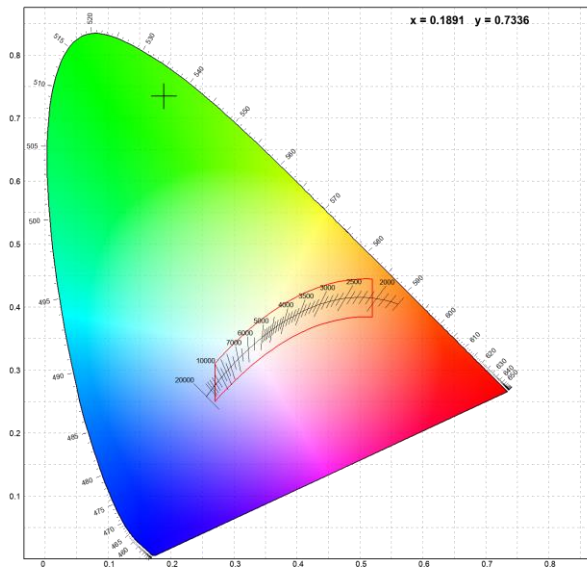
CIE 1964 10° observer	
x	0.2304
y	0.7142
u'	0.0830
v'	0.5786
L	100.00
a	-150.92
b	116.69
X	129.90
Y	402.62
Z	31.22

Other	
CCT [K]	7472
Chromaticity Error	0.161
Color Peak	522.25
Color Peak Value	19.85
Color Dominant	531.4
Luminous Flux [lm]	382.28
Purity	0.859
Radiometric	0.7384
PAR	
PPFD	
Luminous Efficacy	112.97 lm/W
Power [W]	3.384
Power Factor	
Current [A]	0.141
Voltage [V]	24
Duv	0.1532

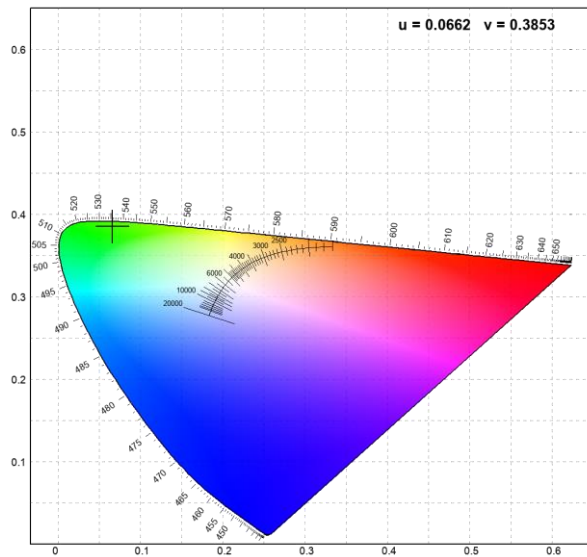
Rendering Indices	
Ra	-26.0
R1	-34.0
R2	-10.9
R3	-26.4
R4	-65.5
R5	-9.5
R6	-17.7
R7	-10.1
R8	-33.7
R9	-100.0
R10	-100.0
R11	-96.8
R12	-36.8
R13	-39.9
R14	36.6

Metamerism Indices	
Mivis	7.0
Miuv	0.8

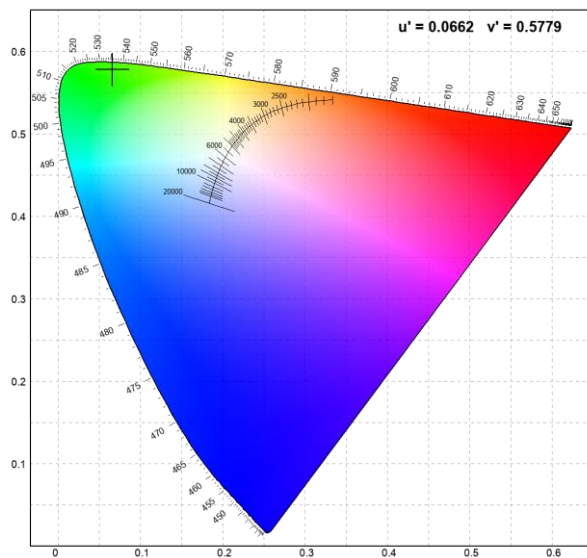
CIE 1931



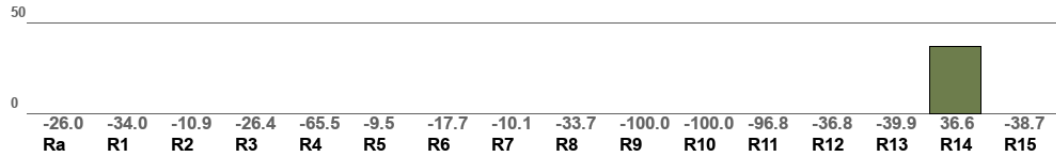
CIE 1960



CIE 1976

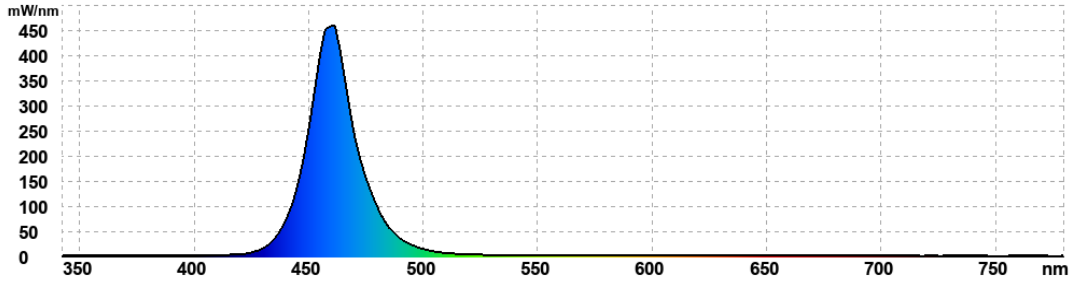


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GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B3770_D_20230914_R_S
 Measurement time: 2023-09-14 11:12:47
 Report time: 2023-09-15
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT6333B DC ITECH
 Ambient Temperature: 26.1 [C]

Client name: LED line PRIME
 Model name: Taśma LED 840 COB 24V RGB CCT 18W
 Item No: 200173
 Serial No.: 09602
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.1447
y	0.0475
u'	0.1764
v'	0.1303
L	100.00
a	237.20
b	-299.95
X	188.55
Y	61.89
Z	1052.63

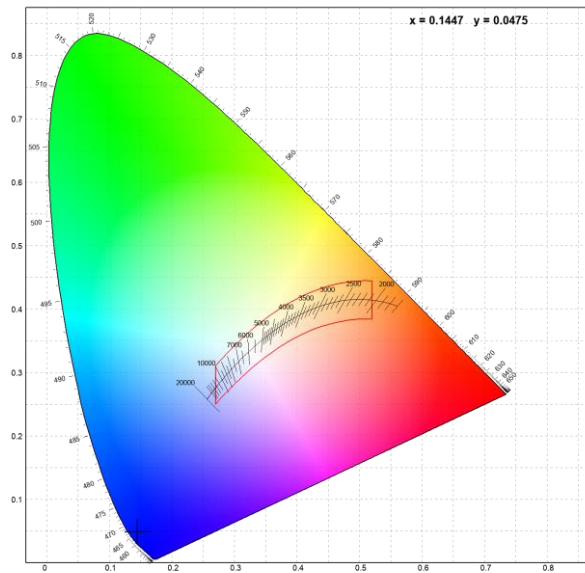
CIE 1964 10° observer	
x	0.1386
y	0.0804
u'	0.1503
v'	0.1962
L	100.00
a	110.33
b	-216.90
X	198.13
Y	114.90
Z	1116.69

Other	
CCT [K]	
Chromaticity Error	0.298
Color Peak	459.58
Color Peak Value	39.69
Color Dominant	463.8
Luminous Flux [lm]	61.89
Purity	0.964
Radiometric	1.0686
PAR	
PPFD	
Luminous Efficacy	20.8 lm/W
Power [W]	2.976
Power Factor	
Current [A]	0.124
Voltage [V]	24
Duv	0.1873

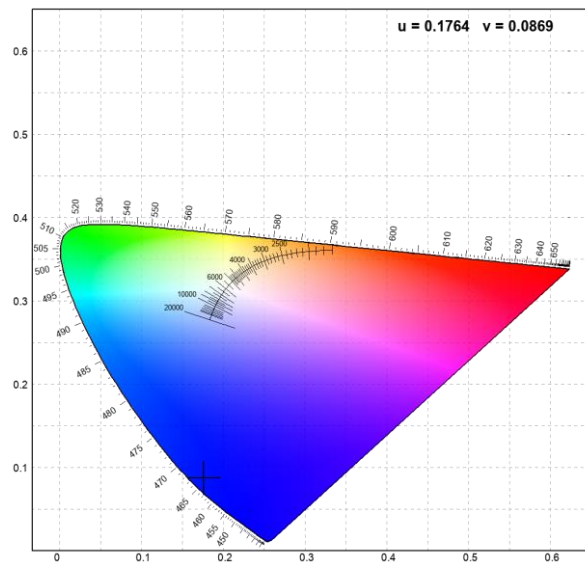
Rendering Indices	
Ra	-46.6
R1	-23.6
R2	9.5
R3	-100.0
R4	-100.0
R5	-16.1
R6	-22.1
R7	-39.2
R8	-81.4
R9	-100.0
R10	-100.0
R11	-100.0
R12	-100.0
R13	-5.2
R14	-14.2

Metamerism Indices	
Mivis	7.6
Miuv	5.6

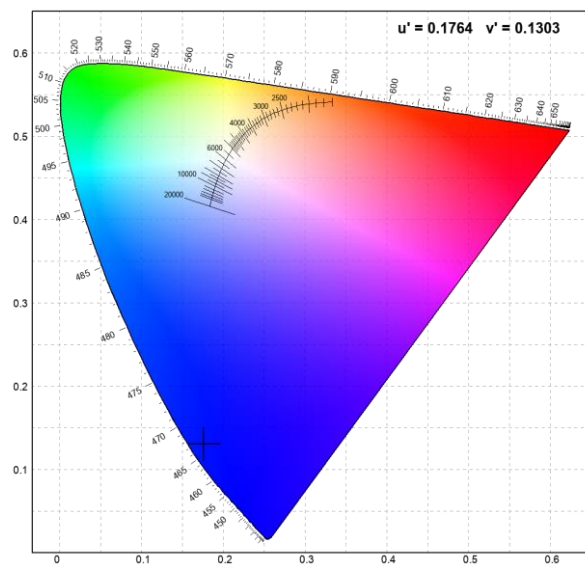
CIE 1931



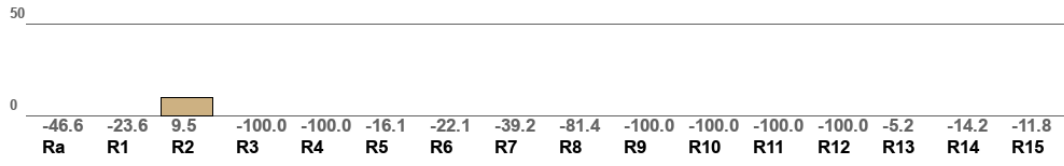
CIE 1960



CIE 1976

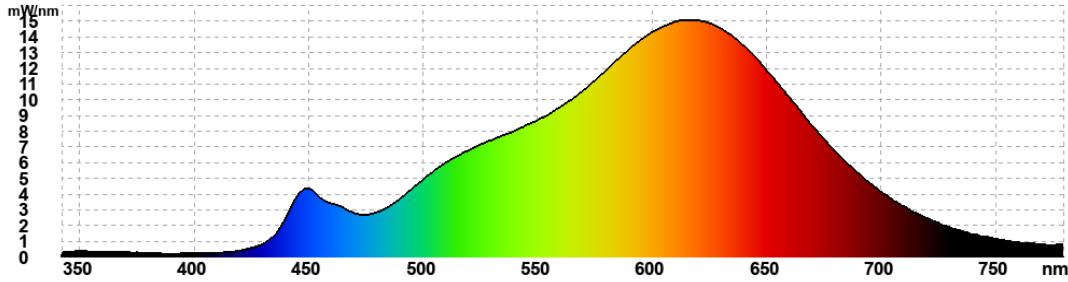


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GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B3770_D_20230914_R_S
 Measurement time: 2023-09-14 11:18:10
 Report time: 2023-09-15
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT6333B DC ITECH
 Ambient Temperature: 26.1 [C]

Client name: LED line PRIME
 Model name: Taśma LED 840 COB 24V RGBCCT 18W
 Item No: 200173
 Serial No.: 09602
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.4616
y	0.4193
u'	0.2597
v'	0.5309
L	100.00
a	25.09
b	72.23
X	260.83
Y	236.93
Z	67.26

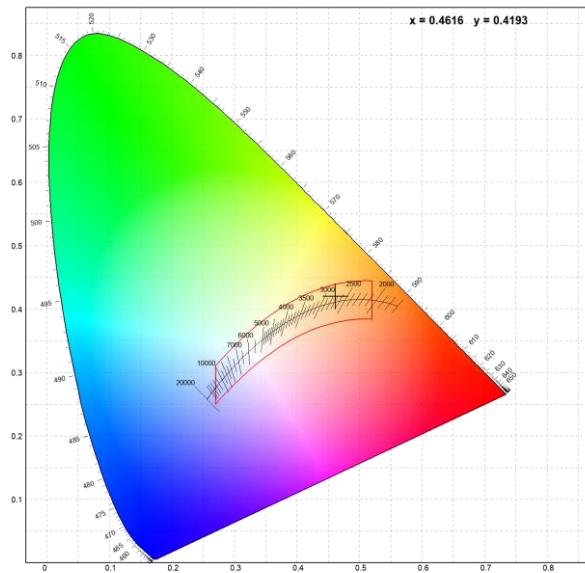
CIE 1964 10° observer	
x	0.4681
y	0.4161
u'	0.2653
v'	0.5307
L	100.00
a	29.32
b	72.46
X	279.44
Y	248.42
Z	69.12

Other	
CCT [K]	2742
Chromaticity Error	0.004
Color Peak	618.02
Color Peak Value	5.00
Color Dominant	583.0
Luminous Flux [lm]	236.93
Purity	0.645
Radiometric	0.7940
PAR	
PPFD	
Luminous Efficacy	73.13 lm/W
Power [W]	3.24
Power Factor	
Current [A]	0.135
Voltage [V]	24
Duv	0.0030

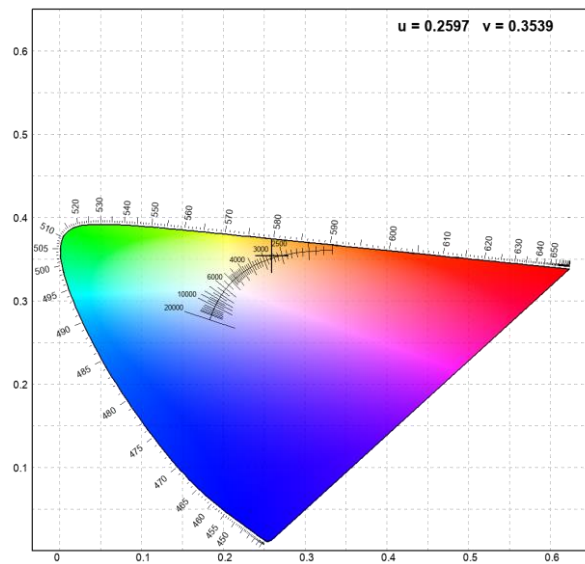
Rendering Indices	
Ra	89.9
R1	88.9
R2	94.3
R3	99.4
R4	89.9
R5	88.9
R6	94.7
R7	89.5
R8	73.6
R9	40.8
R10	87.0
R11	91.2
R12	82.2
R13	90.1
R14	99.3

Metamerism Indices	
Mivis	2.5
Miuv	3.0

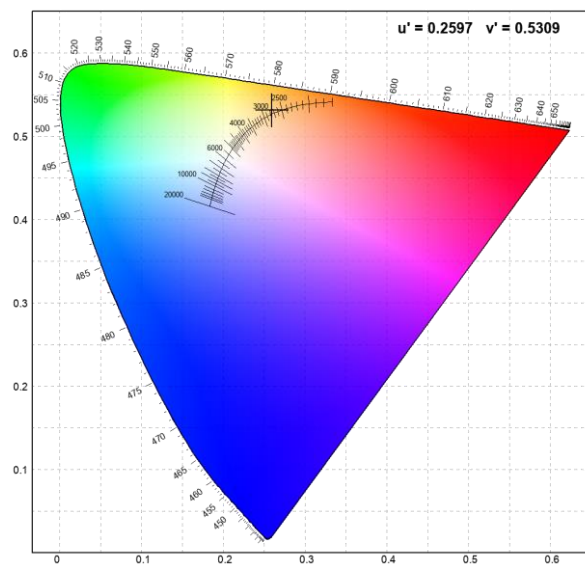
CIE 1931

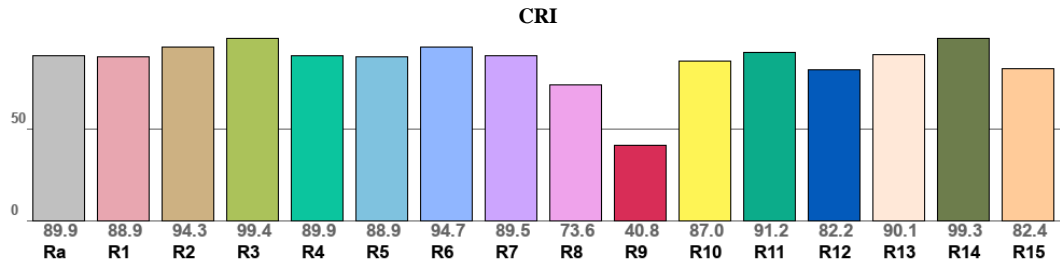


CIE 1960



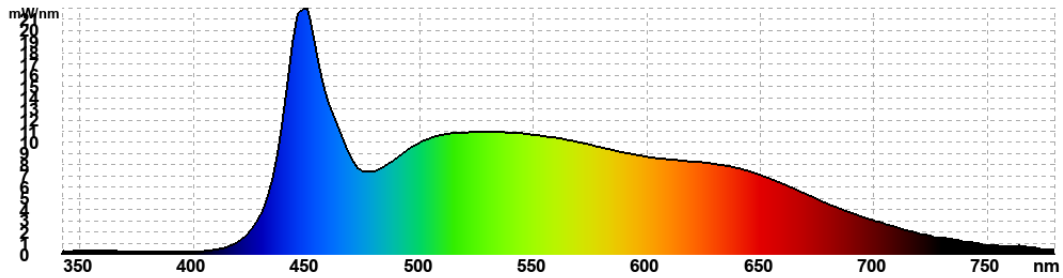
CIE 1976





GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B3770_D_20230914_R_S
 Measurement time: 2023-09-14 11:18:27
 Report time: 2023-09-15
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT6333B DC ITECH
 Ambient Temperature: 26.1 [C]

Client name: LED line PRIME
 Model name: Taśma LED 840 COB 24V RGB CCT 18W
 Item No: 200173
 Serial No.: 09602
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3087
y	0.3276
u'	0.1956
v'	0.4670
L	100.00
a	-1.44
b	-1.28
X	236.00
Y	250.46
Z	277.99

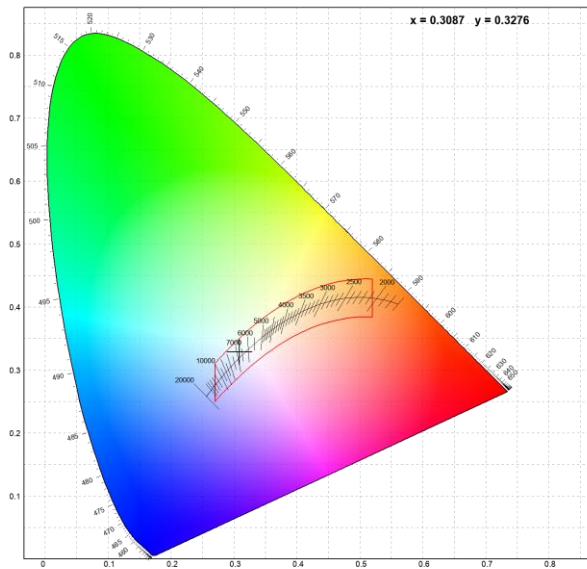
CIE 1964 10° observer	
x	0.3121
y	0.3303
u'	0.1969
v'	0.4689
L	100.00
a	-0.55
b	-0.59
X	258.52
Y	273.57
Z	296.16

Other	
CCT [K]	6740
Chromaticity Error	0.001
Color Peak	448.45
Color Peak Value	7.67
Color Dominant	488.7
Luminous Flux [lm]	250.46
Purity	0.087
Radiometric	0.9113
PAR	
PPFD	
Luminous Efficacy	77.88 lm/W
Power [W]	3.216
Power Factor	
Current [A]	0.134
Voltage [V]	24
Duv	0.0045

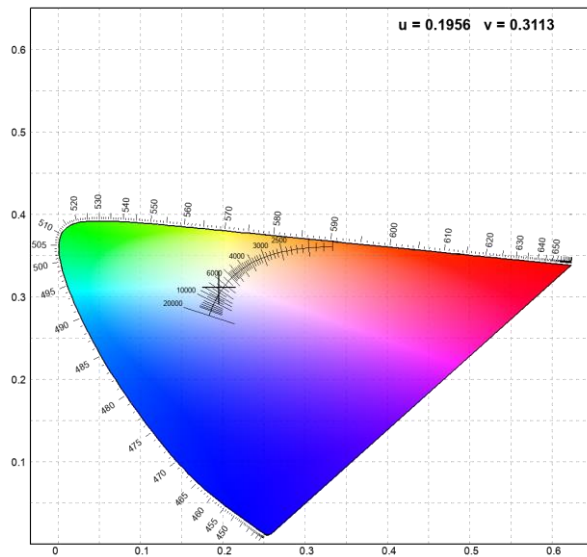
Rendering Indices	
Ra	93.2
R1	92.9
R2	94.0
R3	93.8
R4	93.7
R5	92.6
R6	90.4
R7	96.3
R8	91.6
R9	73.5
R10	85.7
R11	93.2
R12	71.4
R13	93.3
R14	96.9

Metamerism Indices	
Mivis	1.3
Miuv	6.1

CIE 1931



CIE 1960



CIE 1976

