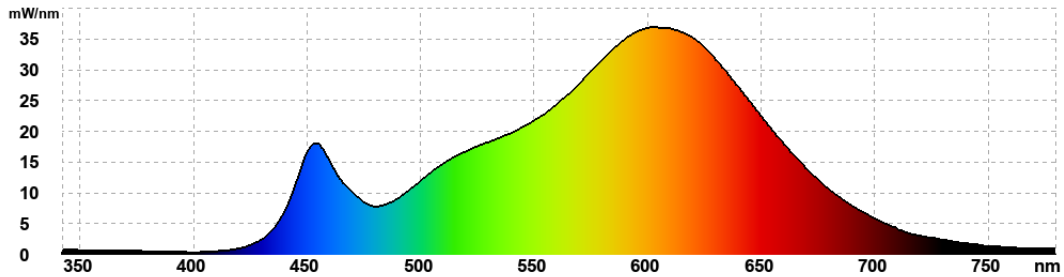


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4078_D_20240222_M_S
 Measurement time: 2024-02-22 09:13:10
 Report time: 2024-02-28
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 24.1 [C]

Client name: LED line LITE
 Model name: Downlight EASY FIX PRO 18W 1800lm CCT
 3000-5000K okragły
 Item No: 202849
 Serial No.: 37507
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.4402
y	0.4033
u'	0.253
v'	0.5216
L	100
a	23.61
b	58.23
X	1941.46
Y	1778.6
Z	689.87

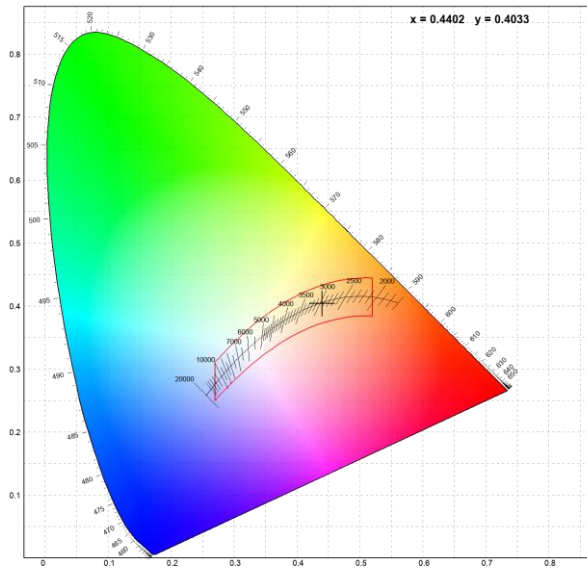
CIE 1964 10° observer	
x	0.4466
y	0.4
u'	0.2587
v'	0.5212
L	100
a	28.03
b	58.08
X	2089.4
Y	1871.16
Z	717.43

Other	
CCT [K]	2939
Chromaticity Error	0.003
Color Peak	600.88
Color Peak Value	36.7007
Color Dominant	583.4
Luminous Flux [lm]	1778.6
Purity	0.532
Radiometric	5.4878
PAR	
PPFD	
Luminous Efficacy	99.75 lm/W
Power [W]	17.8309
Power Factor	0.786
Current [A]	0.0986
Voltage [V]	229.992
Duv	-0.0007

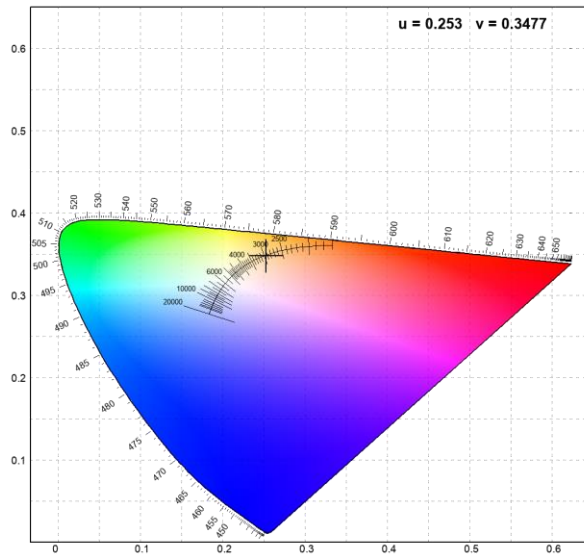
Rendering Indices	
Ra	84.0
R1	83.1
R2	93.1
R3	95.2
R4	81.8
R5	83.5
R6	92.1
R7	82.5
R8	60.5
R9	13.0
R10	84.2
R11	81.9
R12	75.3
R13	85.7
R14	98.2

Metamerism Indices	
Mivis	2.5
Miuv	3.5

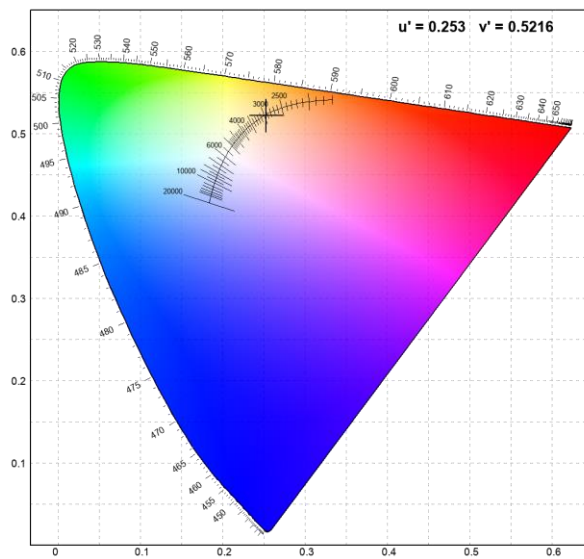
CIE 1931



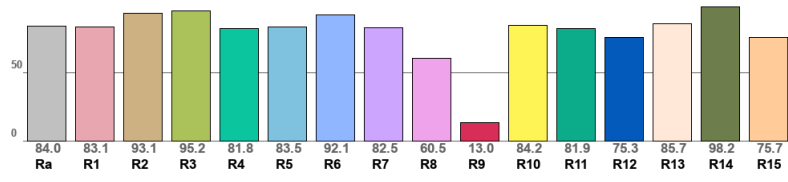
CIE 1960



CIE 1976

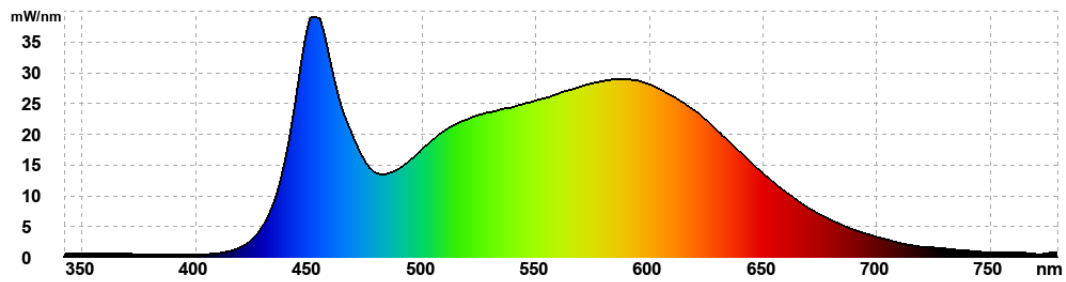


CRI



GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4078_D_20240222_M_S
 Measurement time: 2024-02-22 08:58:01
 Report time: 2024-02-28
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 23.7 [C]

Client name: LED line LITE
 Model name: Downlight EASY FIX PRO 18W 1800lm CCT
 3000-5000K okrągły
 Item No: 202849
 Serial No.: 37507
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3508
y	0.3599
u'	0.2121
v'	0.4895
L	100.00
a	4.22
b	19.26
X	1734.18
Y	1779.10
Z	1429.67

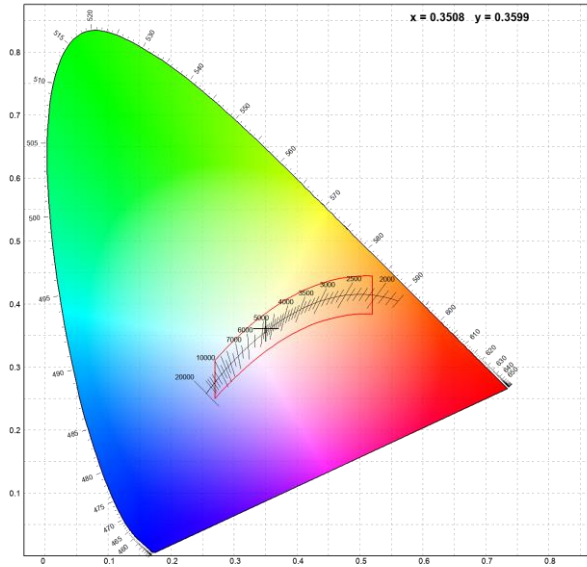
CIE 1964 10° observer	
x	0.3565
y	0.3594
u'	0.2161
v'	0.4901
L	100.00
a	7.58
b	19.36
X	1894.62
Y	1910.13
Z	1510.26

Other	
CCT [K]	4822
Chromaticity Error	0.003
Color Peak	450.68
Color Peak Value	38.92
Color Dominant	573.0
Luminous Flux [lm]	1779.10
Purity	0.133
Radiometric	5.5373
PAR	
PPFD	
Luminous Efficacy	99.5306 lm/W
Power [W]	17.8749
Power Factor	0.786
Current [A]	0.0987
Voltage [V]	230.069
Duv	0.0018

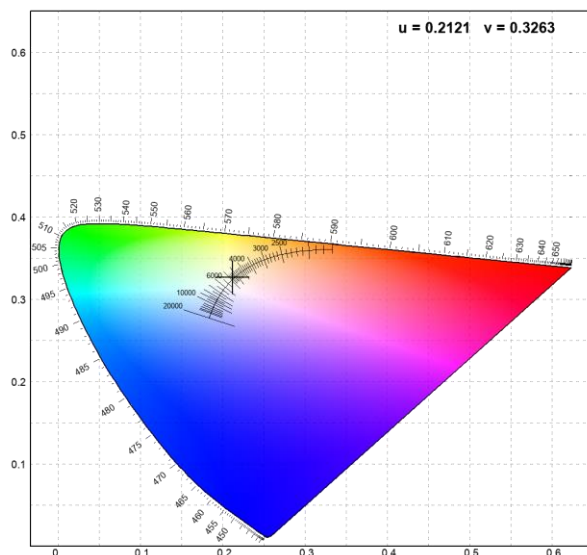
Rendering Indices	
Ra	84.4
R1	82.8
R2	91.3
R3	95.6
R4	81.9
R5	82.7
R6	86.8
R7	87.0
R8	67.4
R9	12.1
R10	78.7
R11	81.1
R12	60.6
R13	85.5
R14	98.1

Metamerism Indices	
Mivis	1.8
Miuv	3.9

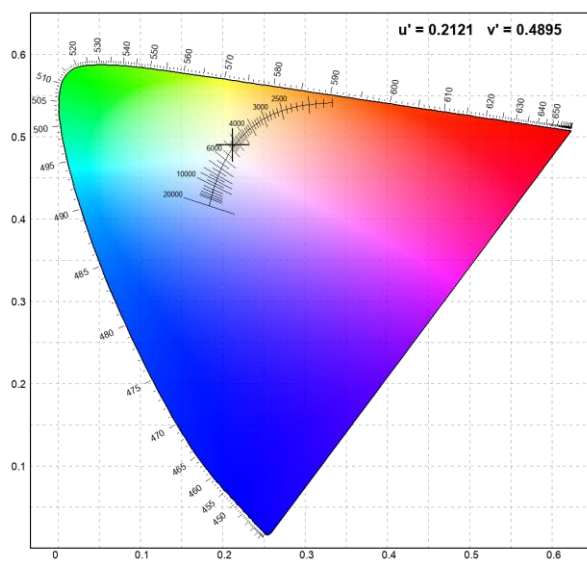
CIE 1931



CIE 1960



CIE 1976



CRI

