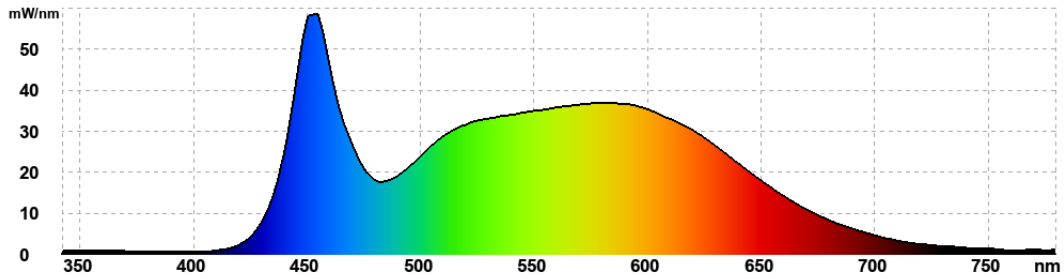


GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: B4092\_D\_20240226\_M\_S  
 Measurement time: 2024-02-26 10:12:51  
 Report time: 2024-02-27  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power source: IT7321 AC ITECH  
 Ambient Temperature: 23.9 [C]

Client name: LED line LITE  
 Model name: Downlight EASY FIX PRO 24W 2400lm CC  
 3000-5000K kwadratowy  
 Item No: 202870  
 Serial No.: 37507  
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3388
y	0.352
u'	0.2071
v'	0.4839
L	100
a	2.15
b	13.82
X	2282.43
Y	2370.77
Z	2082.66

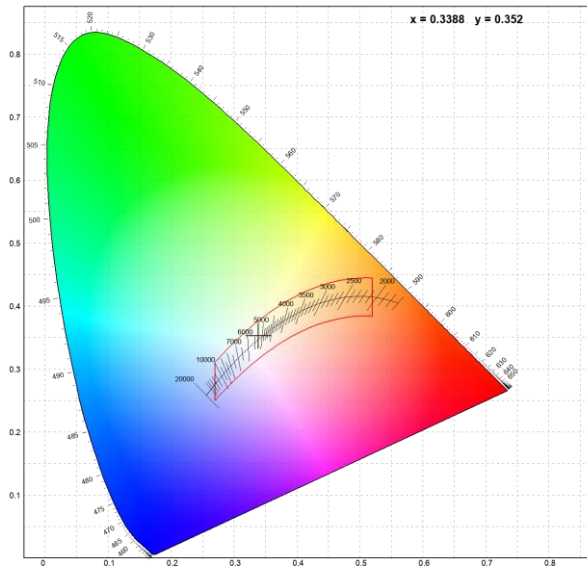
CIE 1964 10° observer	
x	0.3443
y	0.3517
u'	0.2109
v'	0.4846
L	100
a	5.39
b	13.91
X	2498.33
Y	2551.74
Z	2205.74

Other	
<b>CCT [K]</b>	<b>5244</b>
Chromaticity Error	0.003
Color Peak	452.91
Color Peak Value	58.1842
Color Dominant	565.0
<b>Luminous Flux [lm]</b>	<b>2370.77</b>
Purity	0.072
Radiometric	7.5119
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>96.98 lm/W</b>
Power [W]	24.4455
Power Factor	0.776
Current [A]	0.1368
Voltage [V]	230.047
Duv	0.0028

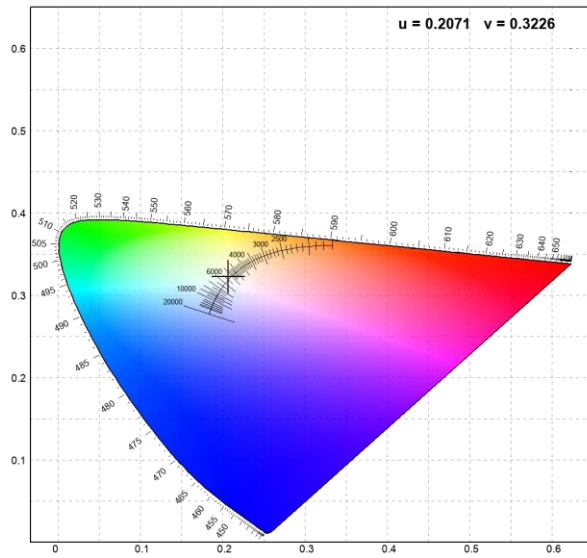
Rendering Indices	
<b>Ra</b>	<b>85.1</b>
R1	83.7
R2	90.5
R3	94.1
R4	84.2
R5	84.0
R6	85.9
R7	88.2
R8	70.4
R9	17.1
R10	76.7
R11	83.6
R12	63.0
R13	85.8
R14	97.1

Metamerism Indices	
Mivis	1.8
Miuv	4.2

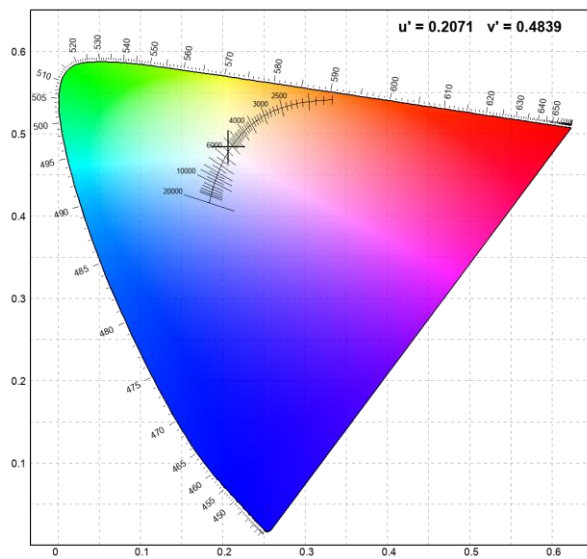
CIE 1931



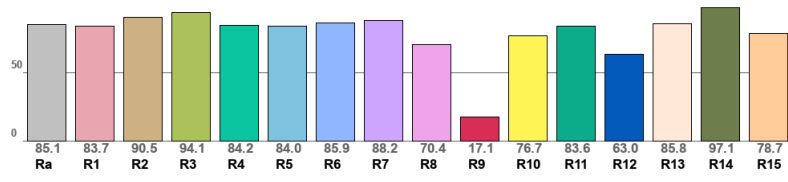
CIE 1960



CIE 1976

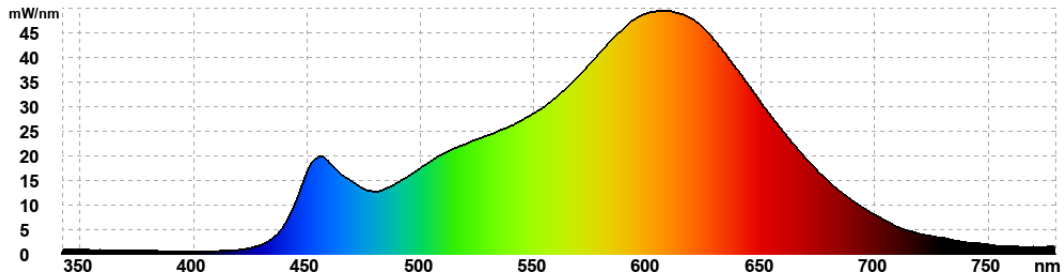


CRI



GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: B4092\_D\_20240226\_M\_S  
 Measurement time: 2024-02-26 10:27:59  
 Report time: 2024-02-27  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power source: IT7321 AC ITECH  
 Ambient Temperature: 24 [C]

Client name: LED line LITE  
 Model name: Downlight EASY FIX PRO 24W 2400lm CC  
 3000-5000K kwadratowy  
 Item No: 202870  
 Serial No.: 37507  
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.4461
y	0.4117
u'	0.2532
v'	0.5257
L	100
a	22.36
b	63.6
X	2570.85
Y	2372.19
Z	819.49

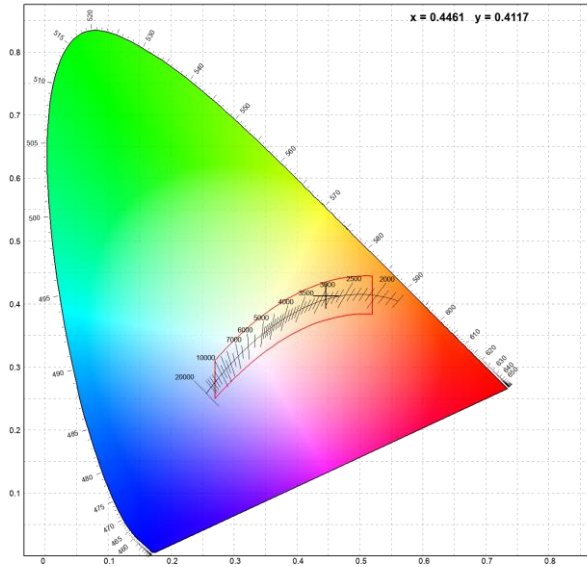
CIE 1964 10° observer	
x	0.4529
y	0.4097
u'	0.2584
v'	0.526
L	100
a	26.28
b	64.27
X	2762.94
Y	2499.07
Z	838.1

Other	
CCT [K]	2911
Chromaticity Error	0.003
Color Peak	608.55
Color Peak Value	49.1906
Color Dominant	582.6
Luminous Flux [lm]	2372.19
Purity	0.575
Radiometric	7.3419
PAR	
PPFD	
Luminous Efficacy	97.23 lm/W
Power [W]	24.3984
Power Factor	0.775
Current [A]	0.1367
Voltage [V]	230.047
Duv	0.0018

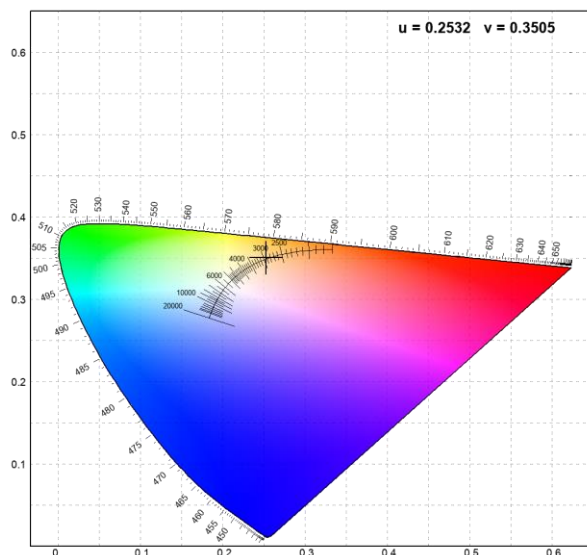
Rendering Indices	
Ra	85.4
R1	85.0
R2	94.9
R3	93.9
R4	83.3
R5	85.5
R6	95.2
R7	83.0
R8	62.4
R9	18.0
R10	88.6
R11	84.1
R12	78.4
R13	87.7
R14	97.2

Metamerism Indices	
Mivis	3.0
Miuv	3.0

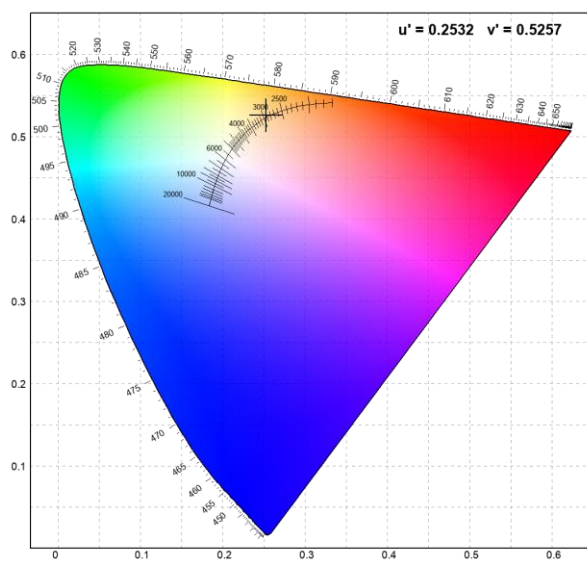
CIE 1931



CIE 1960



CIE 1976



CRI

