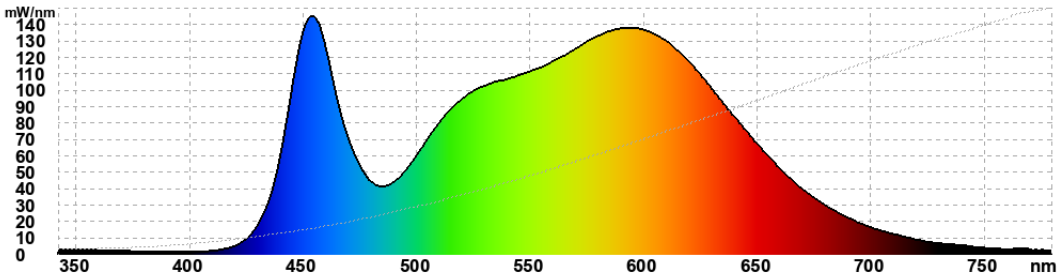
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6579_D_20261029_M_S*	Client name:	*LED line PRIME*
Measurement time:	*2026-10-29 11:28:25*	Model name:	*Oprawa hermetyczna LINKER S 4000K*
Report time:	*2026-10-30*		*27-50W 4100-7500lm IP65*
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS		*120cm 3x1,5mm PRIME*
Power source:	*IT7321 AC ITECH*	Item No:	*231191*
Ambient Temperature:	*23.4 [C]*	Serial No.:	*12505*
		Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3761**
y	**0.3757**
u'	0.2227
v'	0.5005
L	100.00
a	8.71
b	30.69
X	7964.25
Y	7956.36
Z	5255.82

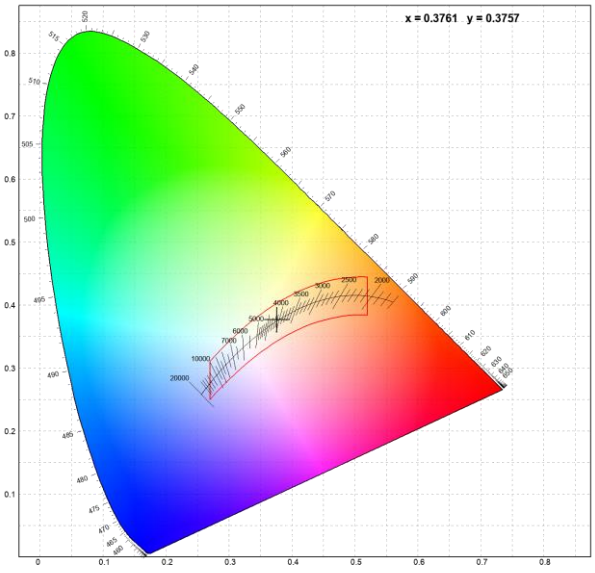
CIE 1964 10˚observer	
x	0.3826
y	0.3730
u'	0.2280
v'	0.5002
L	100.00
a	13.30
b	30.30
X	8675.97
Y	8458.09
Z	5544.47

Other	
CCT [K]	**4114**
Chromaticity Error	0.003
Color Peak	452.91
Color Peak Value	144.19
Color Dominant	578.2
Luminous Flux [lm]	**7956.36**
Purity	0.256
Radiometric	24.0498
PAR	
PPFD	
Luminous Efficacy	**160.7368 lm/W**
Power [W]	49.4993
Power Factor	0.975
Current [A]	0.22
Voltage [V]	230.017
Duv	0.0008

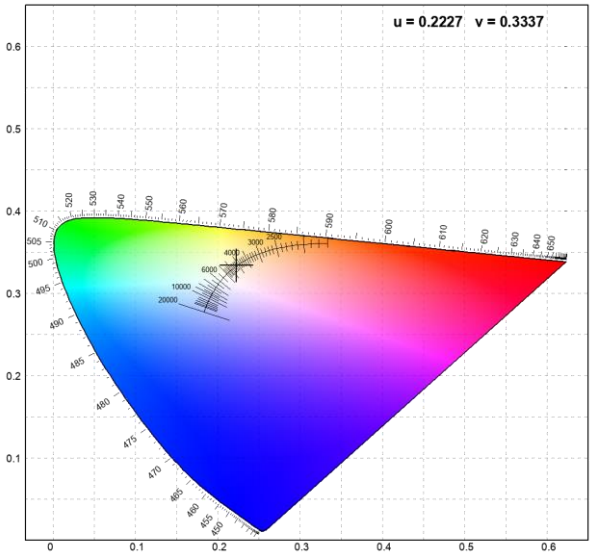
Rendering Indices	
Ra	**82.8**
R1	81.3
R2	89.6
R3	94.8
R4	80.9
R5	80.8
R6	84.9
R7	85.8
R8	63.9
R9	6.3
R10	74.3
R11	79.5
R12	58.2
R13	83.6
R14	97.3

Metamerism Indices	
Mivis	2.1
Miuv	3.9

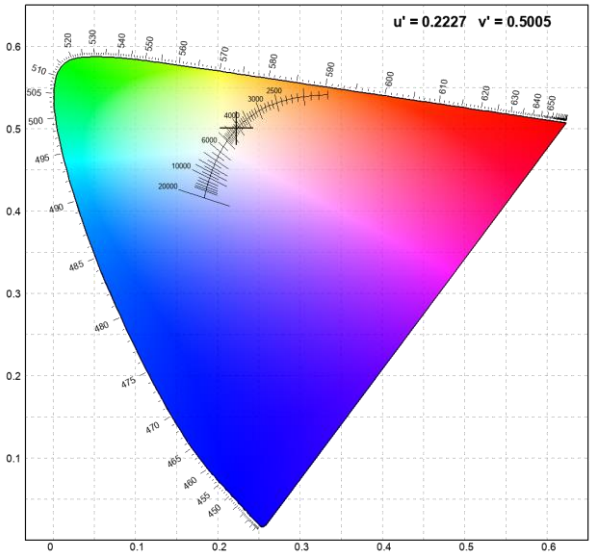
CIE 1931



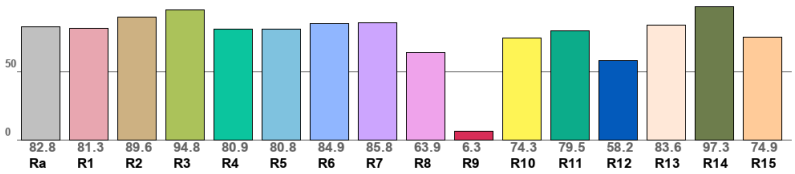
CIE 1960



CIE 1976



CRI


50
0
82.8 Ra
81.3 R1
89.6 R2
94.8 R3
80.9 R4
80.8 R5
84.9 R6
85.8 R7
63.9 R8
6.3 R9
74.3 R10
79.5 R11
58.2 R12
83.6 R13
97.3 R14
74.9 R15