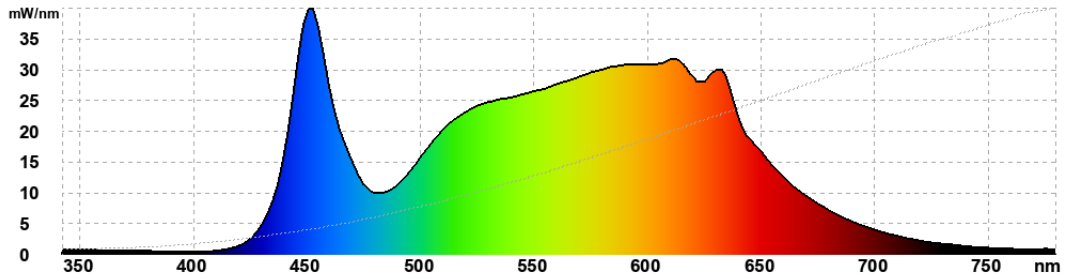
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6514_D_20261014_M_S*	Client name:	*LED line PRIME*
Measurement time:	*2026-10-14 11:59:29*	Model name:	*Downlight CALMOS PRO 5CCT (2,7/3/4/5/6K) 12/15W 1800lm 60st okrągły IP65 Biały UGR<19 PRIME*
Report time:	*2026-10-15*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS		
Power source:	*IT7321 AC ITECH*	Item No:	*228054*
Ambient Temperature:	*22.4 [C]*	Serial No.:	*06103*
		Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3734**
y	**0.3688**
u'	0.2236
v'	0.4970
L	100.00
a	10.63
b	27.48
X	1911.09
Y	1887.75
Z	1319.32

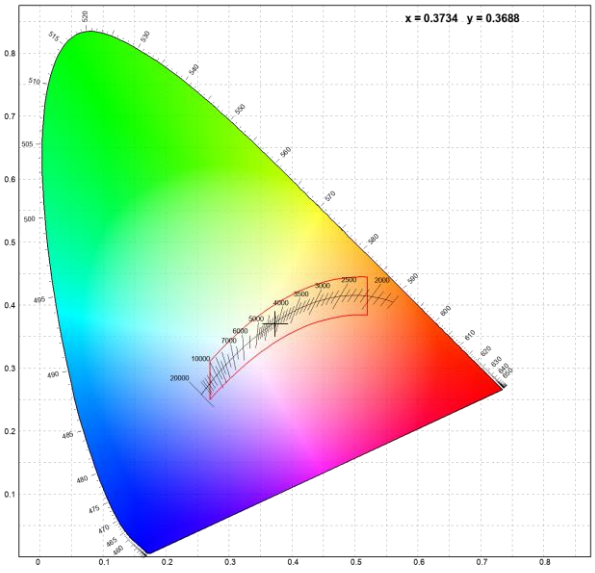
CIE 1964 10˚observer	
x	0.3787
y	0.3663
u'	0.2282
v'	0.4966
L	100.00
a	14.65
b	26.86
X	2078.86
Y	2010.64
Z	1399.73

Other	
CCT [K]	**4143**
Chromaticity Error	0.004
Color Peak	450.68
Color Peak Value	39.68
Color Dominant	579.6
Luminous Flux [lm]	**1887.75**
Purity	0.227
Radiometric	5.8592
PAR	
PPFD	
Luminous Efficacy	**124.5563 lm/W**
Power [W]	15.1558
Power Factor	0.943
Current [A]	0.0697
Voltage [V]	230.105
Duv	0.0017

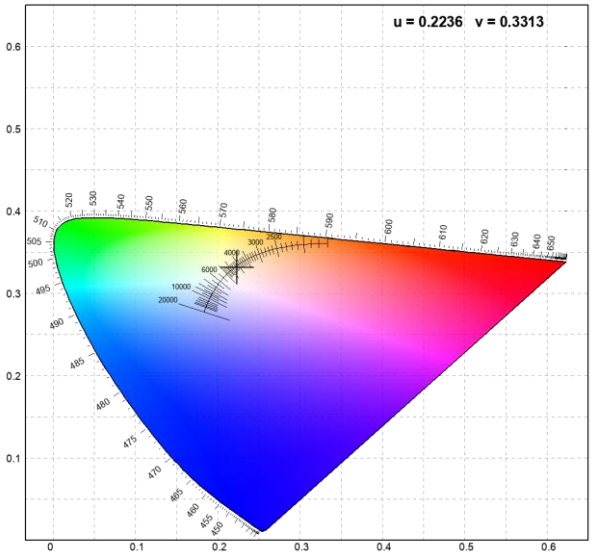
Rendering Indices	
Ra	**87.3**
R1	87.3
R2	91.8
R3	93.8
R4	87.3
R5	86.6
R6	87.6
R7	89.4
R8	74.4
R9	33.1
R10	79.0
R11	86.8
R12	63.6
R13	88.6
R14	96.3

Metamerism Indices	
Mivis	1.7
Miuv	4.0

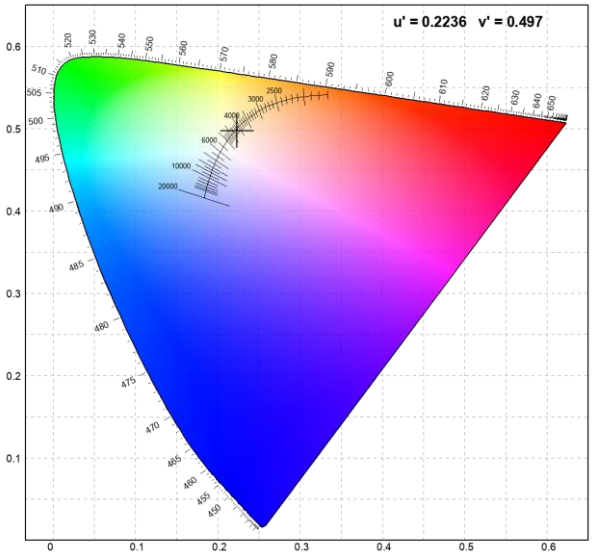
CIE 1931



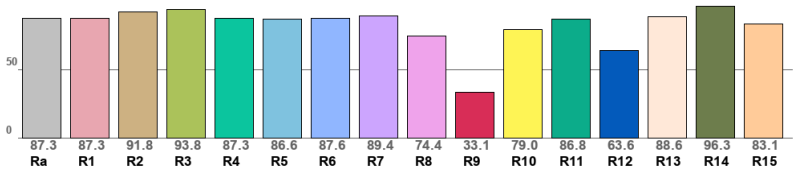
CIE 1960



CIE 1976



CRI


50
0
87.3 Ra
87.3 R1
91.8 R2
93.8 R3
87.3 R4
86.6 R5
87.6 R6
89.4 R7
74.4 R8
33.1 R9
79.0 R10
86.8 R11
63.6 R12
88.6 R13
96.3 R14
83.1 R15