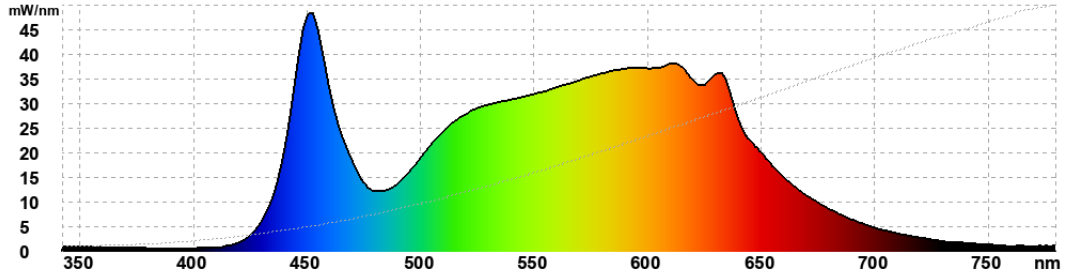
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6513_D_20261013_M_S*	Client name:	*LED line PRIME*
Measurement time:	*2026-10-13 15:43:54*	Model name:	*Downlight CALMOS PRO 5CCT (2,7/3/4/5/6K) 15/19W 2280lm 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:	*228061*
Ambient Temperature:	*23.3 [C]*	Serial No.:	*06103*
		Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3722**
y	**0.3673**
u'	0.2234
v'	0.4961
L	100.00
a	10.81
b	26.61
X	2305.61
Y	2275.03
Z	1614.12

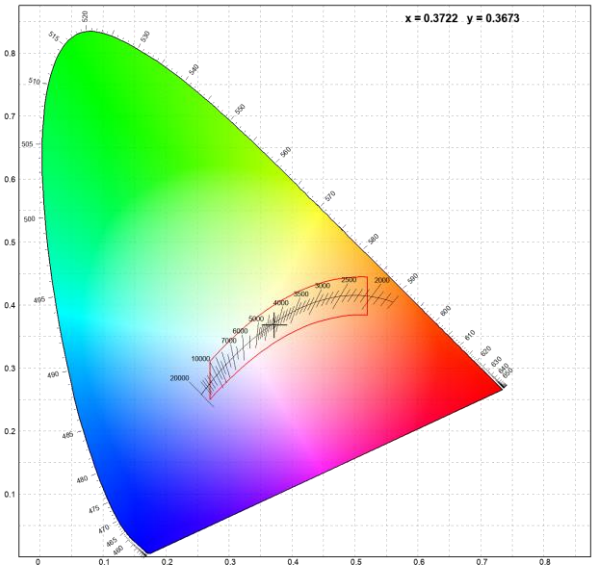
CIE 1964 10˚observer	
x	0.3774
y	0.3648
u'	0.2280
v'	0.4957
L	100.00
a	14.78
b	25.98
X	2508.12
Y	2424.07
Z	1713.47

Other	
CCT [K]	**4167**
Chromaticity Error	0.004
Color Peak	450.68
Color Peak Value	48.11
Color Dominant	579.7
Luminous Flux [lm]	**2275.03**
Purity	0.219
Radiometric	7.0885
PAR	
PPFD	
Luminous Efficacy	**120.2918 lm/W**
Power [W]	18.9126
Power Factor	0.957
Current [A]	0.0858
Voltage [V]	230.116
Duv	0.0021

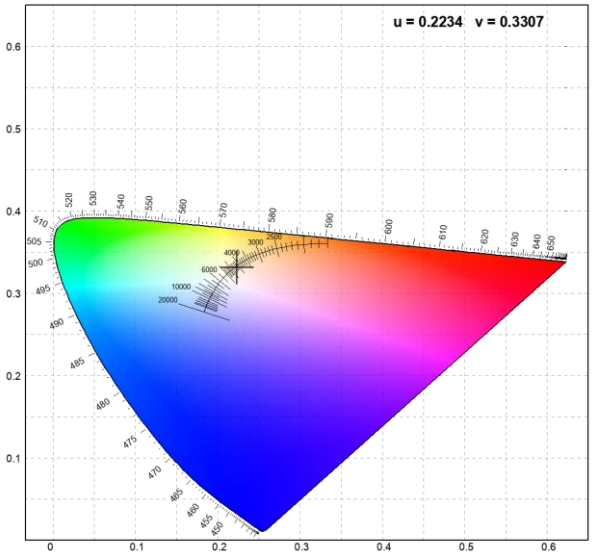
Rendering Indices	
Ra	**87.4**
R1	87.5
R2	91.9
R3	93.7
R4	87.4
R5	86.8
R6	87.7
R7	89.4
R8	74.7
R9	34.0
R10	79.2
R11	86.9
R12	63.9
R13	88.8
R14	96.3

Metamerism Indices	
Mivis	1.7
Miuv	4.0

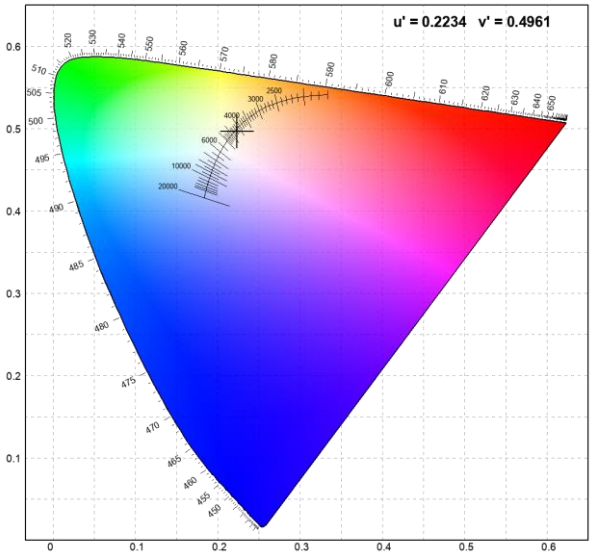
CIE 1931



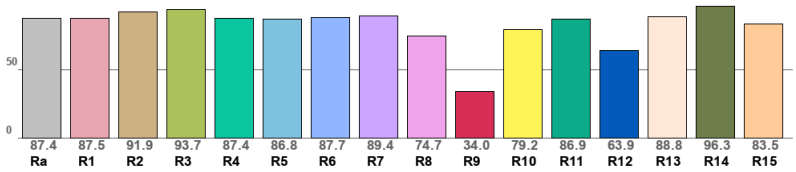
CIE 1960



CIE 1976



CRI


50
0
87.4 Ra
87.5 R1
91.9 R2
93.7 R3
87.4 R4
86.8 R5
87.7 R6
89.4 R7
74.7 R8
34.0 R9
79.2 R10
86.9 R11
63.9 R12
88.8 R13
96.3 R14
83.5 R15