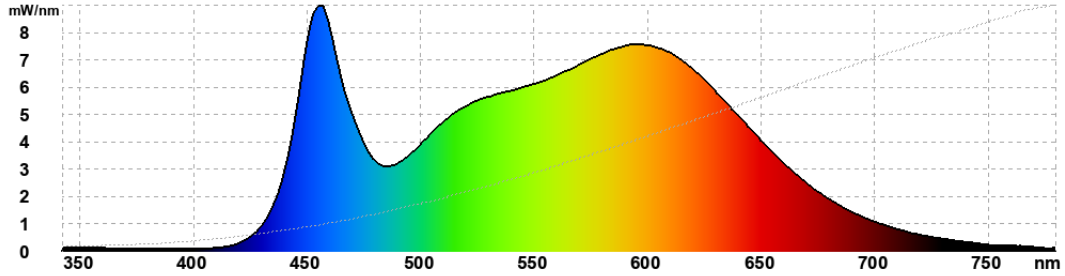
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6225_D_20260806_M_S*	Client name:	*LED line LITE*
Measurement time:	*2026-08-06 09:17:41*	Model name:	*Downlight MOLLY 3CCT(3K/4K/6K) 5W 450lm okrągły IP20 czarny LITE*
Report time:	*2026-08-06*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*227538-II*
Power source:	*IT7321 AC ITECH*	Serial No.:	*01101*
Ambient Temperature:	*27 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3689**
y	**0.3674**
u'	0.2212
v'	0.4957
L	100
a	9.23
b	25.96
X	446.12
Y	444.32
Z	318.8

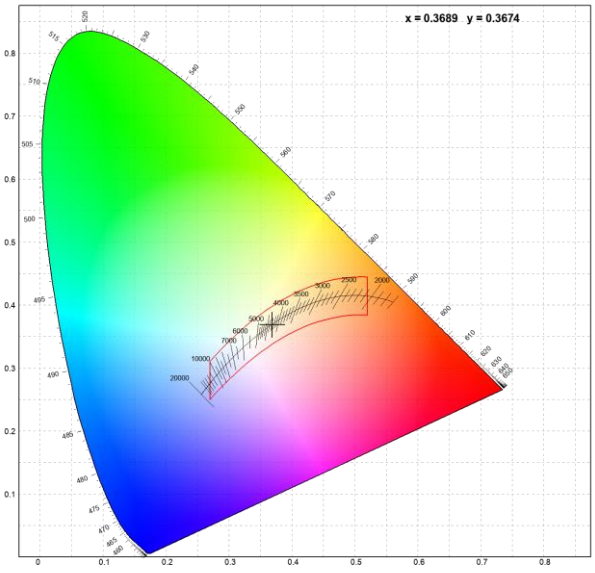
CIE 1964 10˚observer	
x	0.3746
y	0.3673
u'	0.225
v'	0.4964
L	100
a	12.31
b	26.3
X	484.93
Y	475.47
Z	334.25

Other	
CCT [K]	**4266**
Chromaticity Error	0.002
Color Peak	455.14
Color Peak Value	8.9455
Color Dominant	578.6
Luminous Flux [lm]	**444.32**
Purity	0.210
Radiometric	1.3958
PAR	
PPFD	
Luminous Efficacy	**85.98 lm/W**
Power [W]	5.1675
Power Factor	0.73
Current [A]	0.0307
Voltage [V]	230.039
Duv	

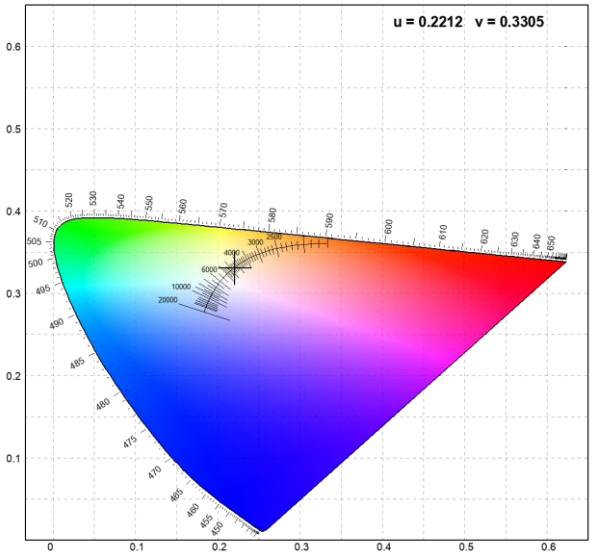
Rendering Indices	
Ra	**86.6**
R1	86.4
R2	94.3
R3	96.1
R4	83.8
R5	85.6
R6	90.2
R7	86.5
R8	69.7
R9	24.6
R10	84.9
R11	83.5
R12	64.3
R13	89.2
R14	98.7

Metamerism Indices	
Mivis	2.1
Miuv	3.7

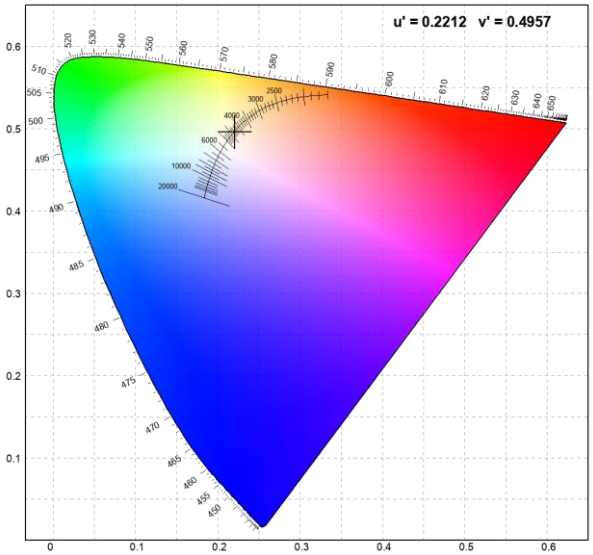
CIE 1931



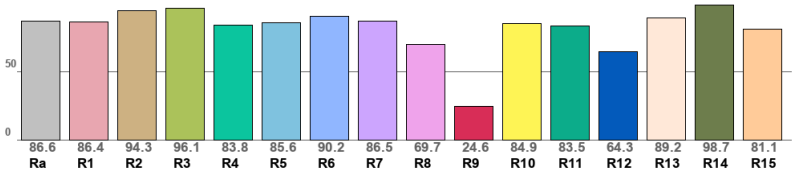
CIE 1960



CIE 1976



CRI


50
0
86.6 Ra
86.4 R1
94.3 R2
96.1 R3
83.8 R4
85.6 R5
90.2 R6
86.5 R7
69.7 R8
24.6 R9
84.9 R10
83.5 R11
64.3 R12
89.2 R13
98.7 R14
81.1 R15