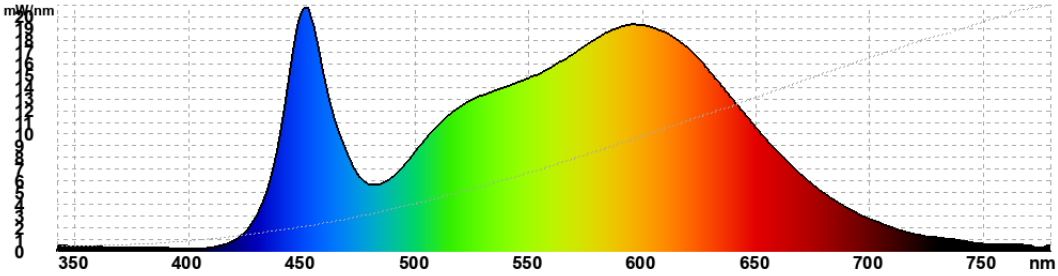
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6221_D_20260805_M_S*	Client name:	*LED line LITE*
Measurement time:	*2026-08-05 10:54:27*	Model name:	*Downlight MOLLY 3CCT(3K/4K/6K) 12W 1100lm okrągły IP20 czarny LITE*
Report time:	*2026-08-06*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*209855-II*
Power source:	*IT7321 AC ITECH*	Serial No.:	*01101*
Ambient Temperature:	*26.9 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3822**
y	**0.3704**
u'	0.2289
v'	0.499
L	100
a	13.89
b	30.08
X	1120.98
Y	1086.33
Z	725.39

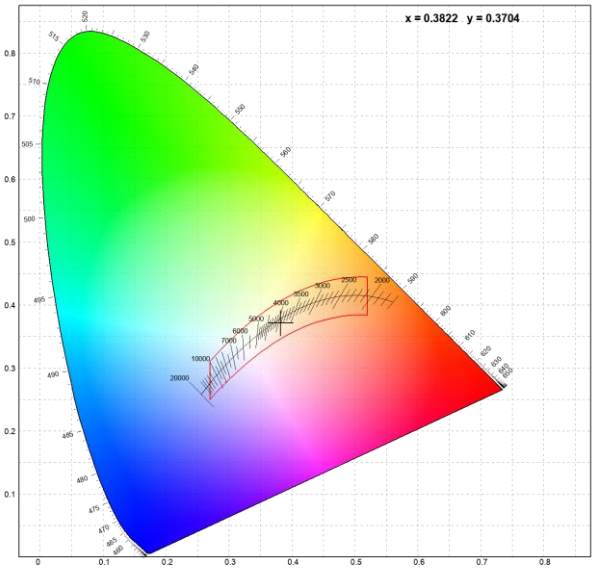
CIE 1964 10˚observer	
x	0.3875
y	0.3675
u'	0.2336
v'	0.4985
L	100
a	18.06
b	29.34
X	1217.69
Y	1154.67
Z	769.78

Other	
CCT [K]	**3902**
Chromaticity Error	0.006
Color Peak	450.68
Color Peak Value	20.7042
Color Dominant	581.5
Luminous Flux [lm]	**1086.33**
Purity	0.259
Radiometric	3.3951
PAR	
PPFD	
Luminous Efficacy	**95.29 lm/W**
Power [W]	11.4002
Power Factor	0.577
Current [A]	0.08587
Voltage [V]	230.094
Duv	

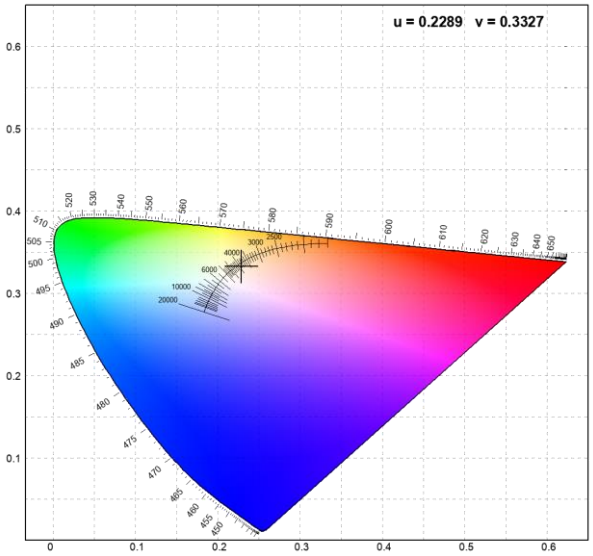
Rendering Indices	
Ra	**85.3**
R1	84.9
R2	91.7
R3	95.1
R4	84.3
R5	84.7
R6	87.6
R7	86.3
R8	68.1
R9	20.3
R10	79.2
R11	83.7
R12	66.1
R13	86.8
R14	97.5

Metamerism Indices	
Mivis	1.8
Miuv	4.0

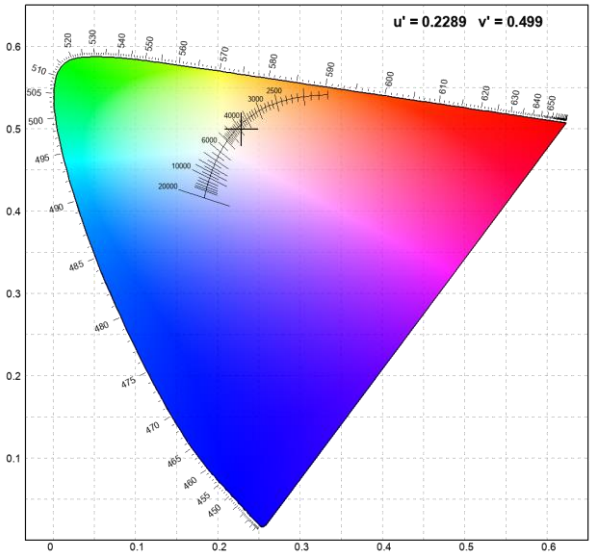
CIE 1931



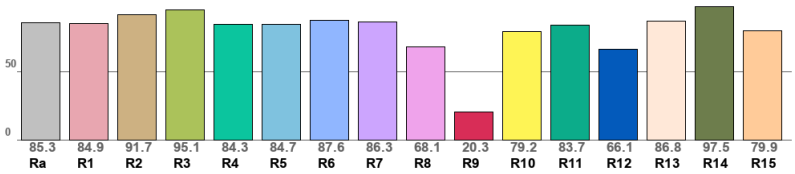
CIE 1960



CIE 1976



CRI


50
0
85.3 Ra
84.9 R1
91.7 R2
95.1 R3
84.3 R4
84.7 R5
87.6 R6
86.3 R7
68.1 R8
20.3 R9
79.2 R10
83.7 R11
66.1 R12
86.8 R13
97.5 R14
79.9 R15