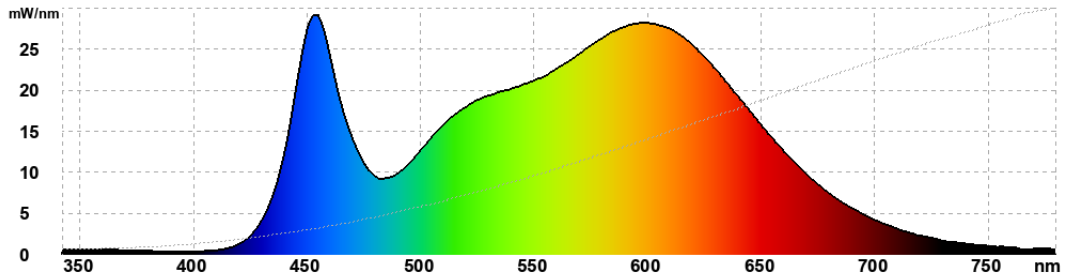
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6223_D_20260805_M_S*	Client name:	*LED line LITE*
Measurement time:	*2026-08-05 09:37:06*	Model name:	*Downlight MOLLY 3CCT(3K/4K/6K) 18W 1600lm okrągły IP20 czarny LITE*
Report time:	*2026-08-06*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*205628-II*
Power source:	*IT7321 AC ITECH*	Serial No.:	*01101*
Ambient Temperature:	*27.5 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3822**
y	**0.3696**
u'	0.2292
v'	0.4987
L	100
a	14.24
b	29.78
X	1634.03
Y	1580.35
Z	1060.98

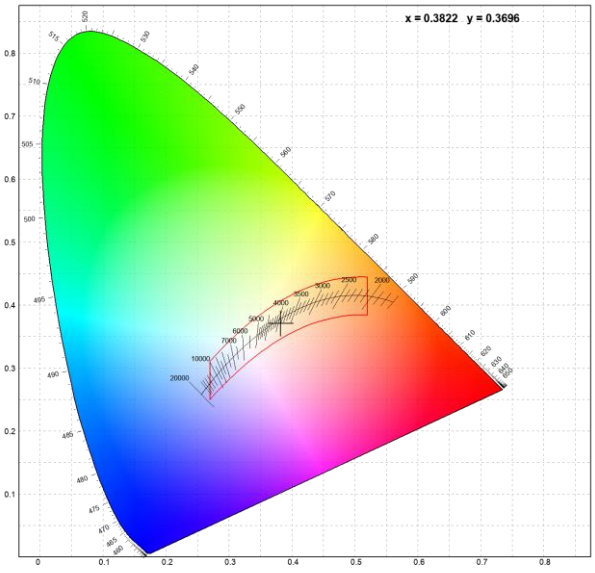
CIE 1964 10˚observer	
x	0.3874
y	0.3678
u'	0.2334
v'	0.4986
L	100
a	17.85
b	29.45
X	1772.71
Y	1682.96
Z	1119.82

Other	
CCT [K]	**3897**
Chromaticity Error	0.006
Color Peak	452.91
Color Peak Value	29.0276
Color Dominant	581.8
Luminous Flux [lm]	**1580.35**
Purity	0.256
Radiometric	4.9865
PAR	
PPFD	
Luminous Efficacy	**92.32 lm/W**
Power [W]	17.1173
Power Factor	0.581
Current [A]	0.12809
Voltage [V]	230.006
Duv	

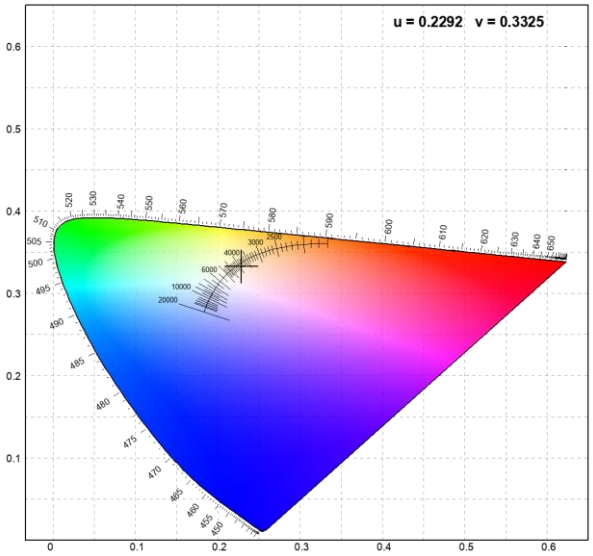
Rendering Indices	
Ra	**86.6**
R1	86.6
R2	93.6
R3	96.0
R4	85.1
R5	86.3
R6	89.8
R7	86.3
R8	69.4
R9	25.5
R10	83.6
R11	84.7
R12	68.3
R13	88.8
R14	98.4

Metamerism Indices	
Mivis	1.9
Miuv	3.8

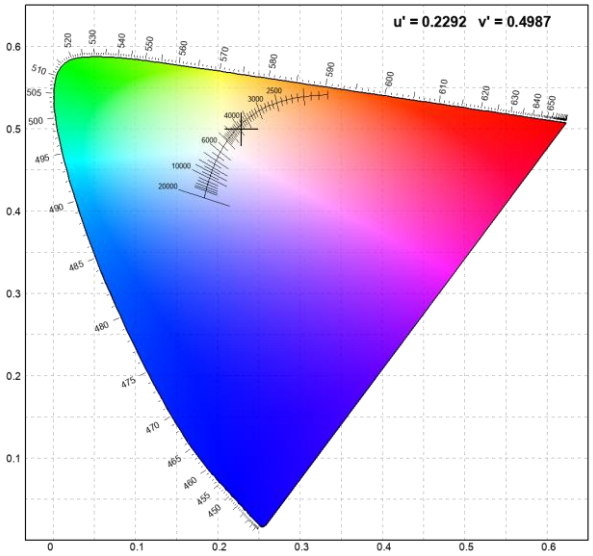
CIE 1931



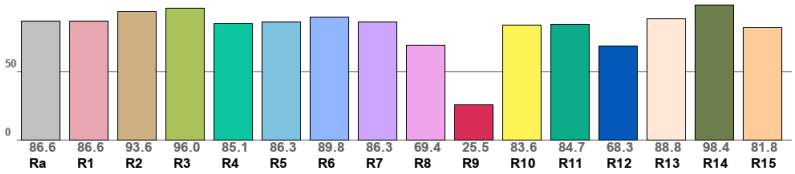
CIE 1960



CIE 1976



CRI


50
0
86.6 Ra
86.6 R1
93.6 R2
96.0 R3
85.1 R4
86.3 R5
89.8 R6
86.3 R7
69.4 R8
25.5 R9
83.6 R10
84.7 R11
68.3 R12
88.8 R13
98.4 R14
81.8 R15