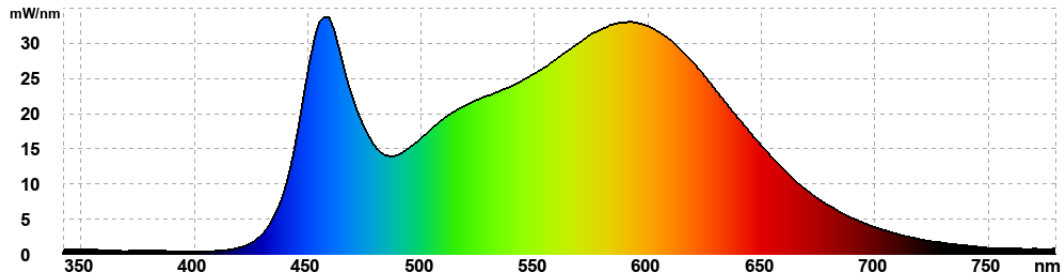


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name:	B3652_D_20230629_M_S	Client name:	LED line LITE
Measurement time:	2023-06-29 13:58:27	Model name:	Downlight MOLLY 18W 1900lm 4000K kwadrat
Report time:	2023-07-12	Item No:	200883
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Serial No.:	04001
Power source:	IT7321 AC ITECH	Made by:	Radosław Kośnik
Ambient Temperature:	25.5 [C]		

Results

CIE 1931 2° observer	
x	0.3757
y	0.378
u'	0.2215
v'	0.5014
L	100
a	7.49
b	31.47
X	1865.38
Y	1877.03
Z	1222.85

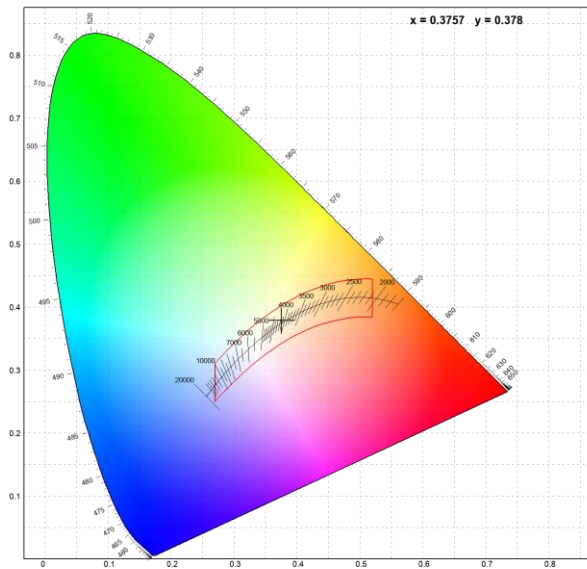
CIE 1964 10° observer	
x	0.3824
y	0.378
u'	0.2259
v'	0.5024
L	100
a	10.91
b	32.18
X	2028.88
Y	2005.76
Z	1271.56

Other	
CCT [K]	4140
Chromaticity Error	0.003
Color Peak	457.36
Color Peak Value	33.6053
Color Dominant	577.4
Luminous Flux [lm]	1877.03
Purity	0.261
Radiometric	5.6941
PAR	
PPFD	
Luminous Efficacy	109.71 lm/W
Power [W]	17.1084
Power Factor	0.593
Current [A]	0.1255
Voltage [V]	229.97
Duv	0.002

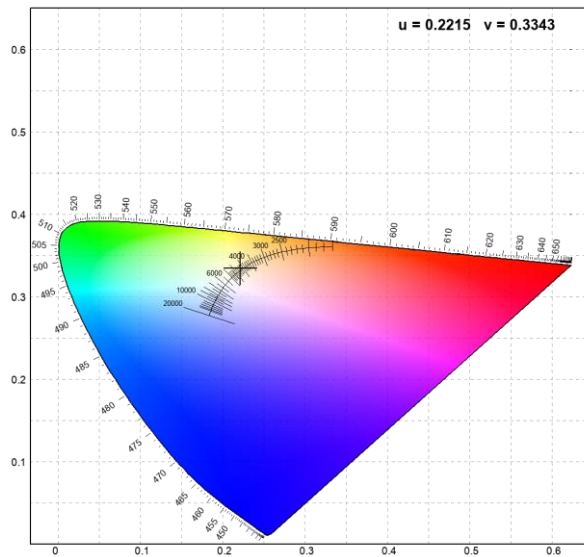
Rendering Indices	
Ra	82.5
R1	81.4
R2	93.0
R3	94.1
R4	77.4
R5	81.0
R6	89.3
R7	82.7
R8	60.9
R9	3.7
R10	82.7
R11	76.4
R12	62.0
R13	85.0
R14	97.2

Metamerism Indices	
Mivis	2.6
Miuv	3.4

CIE 1931



CIE 1960



CIE 1976

