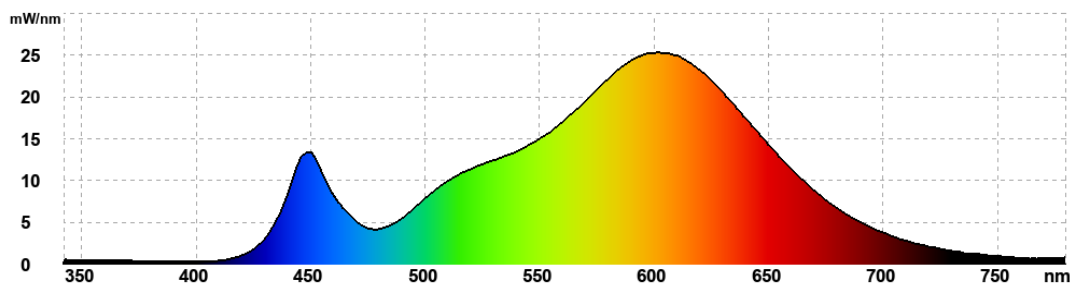


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B3646_D_20230704_M_S
 Measurement time: 2023-07-04 08:42:50
 Report time: 2023-07-12
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 27.4 [C]

Client name: LED line LITE
 Model name: Downlight MOLLY 12W 1150lm 3000K
 kwadrat
 Item No: 200852
 Serial No.: 04001
 Made by: Radosław Kośnik

Results

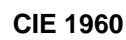
CIE 1931 2° observer	
x	0.4357
y	0.3983
u'	0.2523
v'	0.5189
L	100.00
a	23.96
b	54.80
X	1330.02
Y	1216.02
Z	506.68

CIE 1964 10° observer	
x	0.4417
y	0.3932
u'	0.2585
v'	0.5177
L	100.00
a	29.11
b	53.71
X	1434.76
Y	1276.99
Z	536.24

Other	
CCT [K]	2973
Chromaticity Error	0.005
Color Peak	600.88
Color Peak Value	25.18
Color Dominant	583.7
Luminous Flux [lm]	1216.02
Purity	0.503
Radiometric	3.7145
PAR	
PPFD	
Luminous Efficacy	96.8539 lm/W
Power [W]	12.5552
Power Factor	0.595
Current [A]	0.0916
Voltage [V]	229.981
Duv	0.0022

Rendering Indices	
Ra	81.3
R1	79.6
R2	90.1
R3	95.8
R4	79.3
R5	80.1
R6	88.1
R7	81.1
R8	56.2
R9	1.5
R10	77.9
R11	78.8
R12	72.8
R13	82.0
R14	98.3

Metamerism Indices	
Mivis	1.9
Miuv	4.0

$x = 0.4357 \quad y = 0.3983$ 
$$u = 0.2523 \quad v = 0.3459$$

$$u' = 0.2523 \quad v' = 0.5189$$

