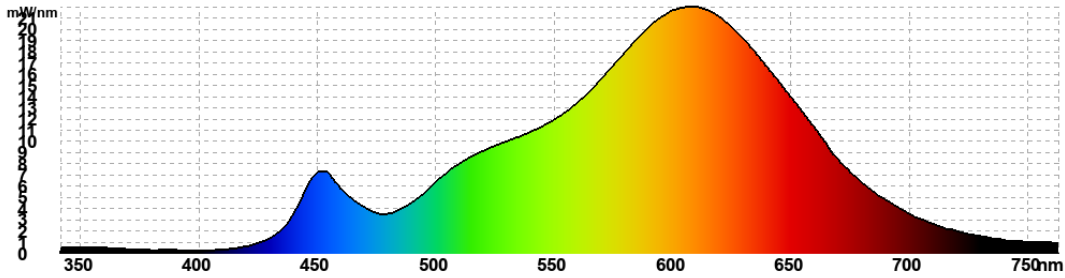


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B3960_M_20231211_M_S
 Measurement time: 2023-12-11 10:33:57
 Report time: 2024-01-03
 Device: GL SPHERE 500 SPECTIS 1.0 VIS
 Power source: IT6333B DC ITECH
 Ambient Temperature: 24.1 [C]

Client name: LED line PRIME
 Model name: Żarówka LED MR16 8.5W 2700K 1020lm 10-18V AC/DC
 Item No: 201934
 Serial No.: 25705
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.4597
y	0.4141
u'	0.2608
v'	0.5287
L	100
a	26.56
b	69.21
X	1119.98
Y	1008.89
Z	307.24

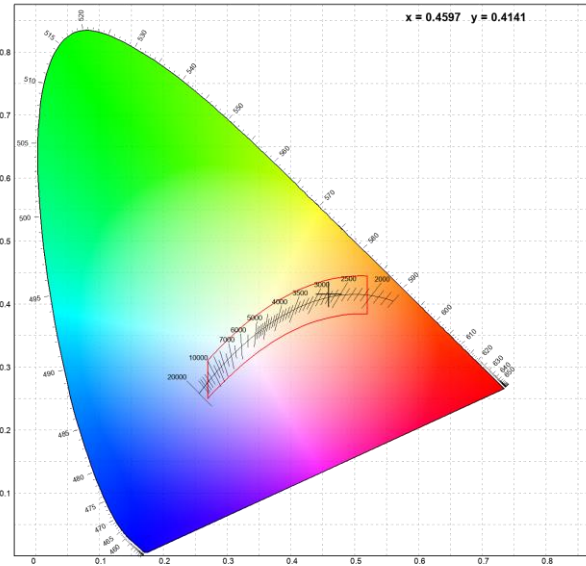
CIE 1964 10° observer	
x	0.4665
y	0.41
u'	0.2671
v'	0.5281
L	100
a	31.35
b	69.03
X	1202.65
Y	1056.93
Z	318.49

Other	
CCT [K]	2729
Chromaticity Error	0.003
Color Peak	608.47
Color Peak Value	21.9764
Color Dominant	583.6
Luminous Flux [lm]	1008.89
Purity	0.623
Radiometric	3.1133
PAR	
PPFD	
Luminous Efficacy	124.8 lm/W
Power [W]	8.0842
Power Factor	-
Current [A]	0.6736
Voltage [V]	12.001
Duv	0.0013

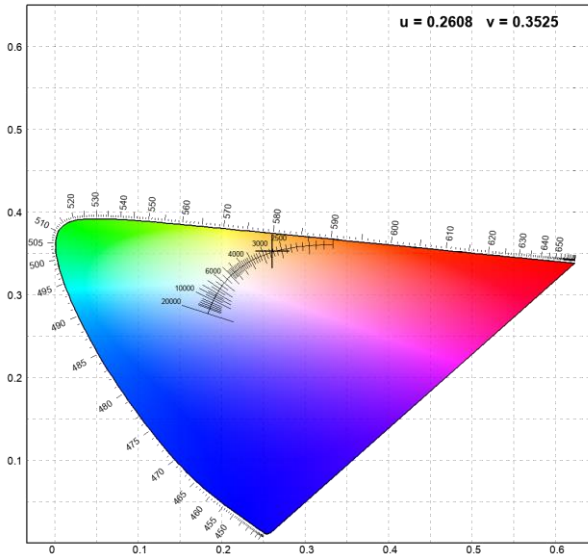
Rendering Indices	
Ra	83.7
R1	82.3
R2	92.0
R3	96.2
R4	82.3
R5	82.7
R6	91.9
R7	82.8
R8	59.2
R9	10.8
R10	82.5
R11	82.9
R12	76.8
R13	84.6
R14	98.7

Metamerism Indices	
Mivis	2.4
Miuv	3.2

CIE 1931



CIE 1960



CIE 1976

