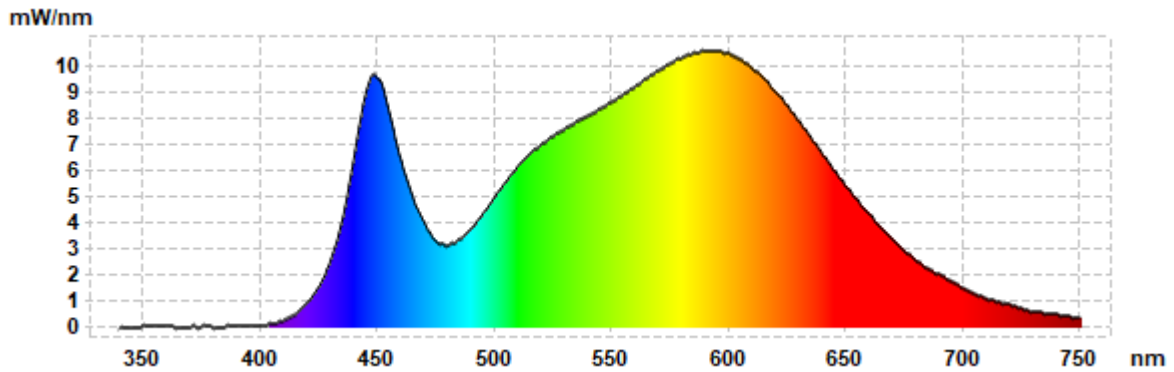


GL SpectroSoft Report  
Lighting Research & Measurement Center  
**Spectrum**



Measurement name: 2018-12-21T11:22:19  
Measurement time: 2018-12-21 11:22:19  
Report time: 2019-01-14 12:36:46  
Signal Level: 76.431  
Device: Mini 710J0050  
Note:

Client name: LED line®  
Model name: MR16 12V AC/DC 595lm 7W 4000K  
Item No: 247644  
Serial No.: 39410  
Made by: Radosław Kośnik

**Results**

CIE 1931 2° observer	
x	0,3835
y	0,3806
u'	0,2256
v'	0,5037
L	100,00
a	9,82
b	34,26
X	615,16
Y	610,53
Z	378,34

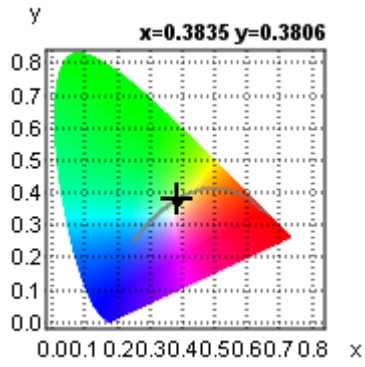
CIE 1964 10° observer	
x	0,3897
y	0,3764
u'	0,2313
v'	0,5028
L	100,00
a	14,87
b	33,30
X	670,13
Y	647,34
Z	402,23

Other	
<b>CCT [K]</b>	<b>3947</b>
Chromaticity Error	0,003
Color Peak	593,15
Color Peak Value	10,60
Color Dominant	578,8
<b>Luminous Flux [lm]</b>	<b>610,53</b>
Purity	
Radiometric	1,8453
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>100,4904 lm/W</b>
Power [W]	6,07554
Power Factor	
Current [A]	0.506
Voltage [V]	12.007
Duv	0,0009

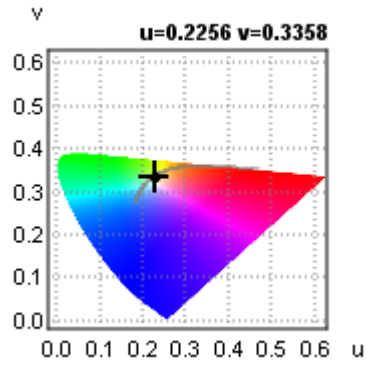
Rendering Indices	
<b>Ra</b>	<b>82,2</b>
R1	80,1
R2	88,1
R3	94,1
R4	81,2
R5	80,3
R6	83,6
R7	86,0
R8	63,9
R9	6,2
R10	71,6
R11	79,6
R12	63,0
R13	81,9
R14	96,8

Metamerism Indices	
Mivis	1,6
Miuv	4,5

**CIE 1931**



**CIE 1960**



**CIE 1976**

