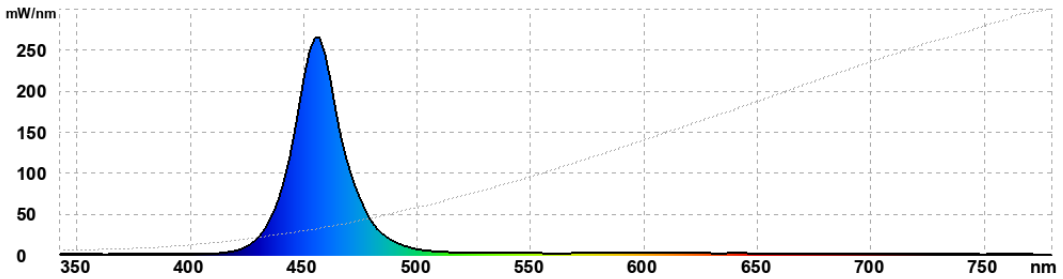
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6246_D_20260811_R_S*	Client name:	*LED line PRIME*
Measurement time:	*2026-08-11 14:24:39*	Model name:	*Taśma LED 784 COB 24V RGBW 4000K 21W IP66 DIGITAL SPI WS2814 10mm 5m 350lm/m*
Report time:	*2026-08-18*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*228863*
Power source:	*IT6333B DC ITECH*	Serial No.:	*06904*
Ambient Temperature:	*25.9 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.1519**
y	**0.0431**
u'	0.1891
v'	0.1207
L	100.00
a	274.05
b	-315.90
X	1439.56
Y	408.22
Z	7628.71

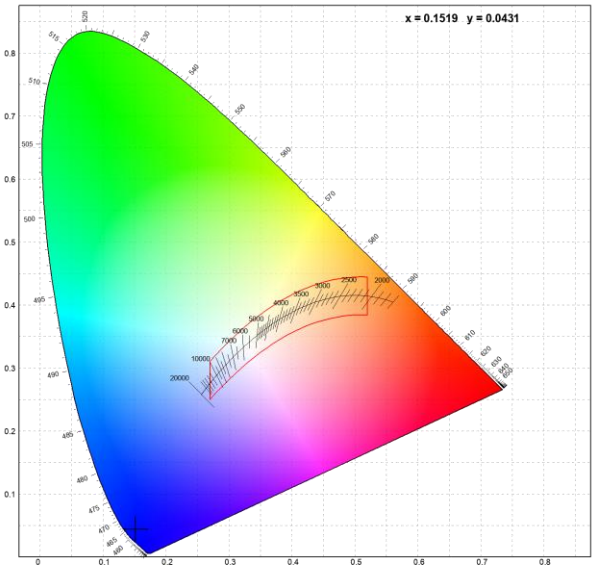
CIE 1964 10˚observer	
x	0.1462
y	0.0707
u'	0.1645
v'	0.1790
L	100.00
a	148.48
b	-235.44
X	1534.73
Y	742.01
Z	8217.45

Other	
CCT [K]	
Chromaticity Error	0.313
Color Peak	455.14
Color Peak Value	263.88
Color Dominant	460.2
Luminous Flux [lm]	**408.22**
Purity	0.957
Radiometric	7.5005
PAR	
PPFD	
Luminous Efficacy	**14.49 lm/W**
Power [W]	28.176
Power Factor	
Current [A]	1.174
Voltage [V]	24
Duv	0.1937

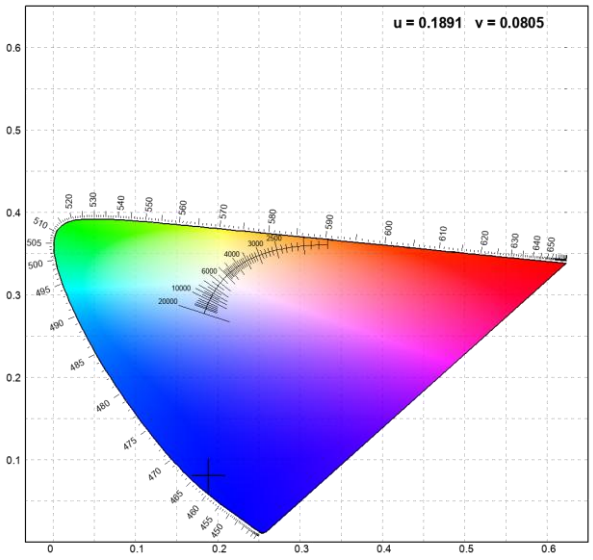
Rendering Indices	
Ra	**-42.3**
R1	6.0
R2	2.6
R3	-100.0
R4	-100.0
R5	6.4
R6	-12.4
R7	-55.6
R8	-85.2
R9	-100.0
R10	-100.0
R11	-100.0
R12	-98.2
R13	26.6
R14	-28.8

Metamerism Indices	
Mivis	6.7
Miuv	6.4

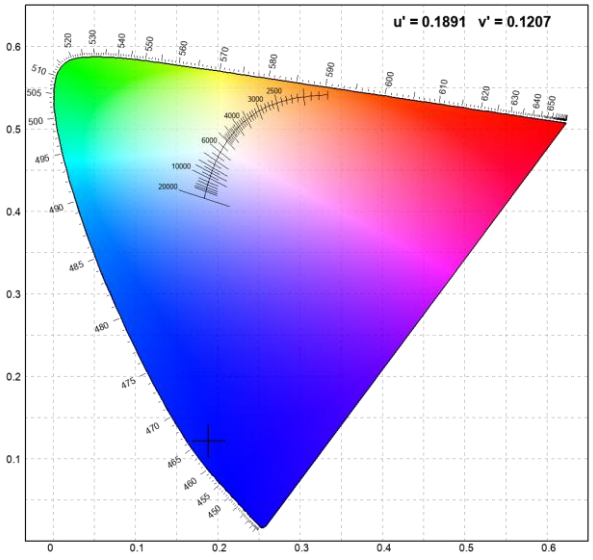
CIE 1931



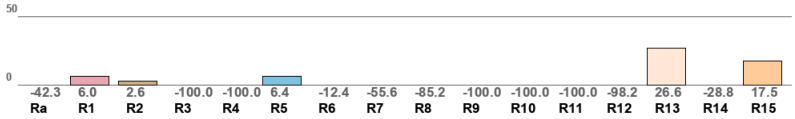
CIE 1960



CIE 1976



CRI


50
0
-42.3
Ra
6.0
R1
2.6
R2
-100.0
R3
-100.0
R4
6.4
R5
-12.4
R6
-55.6
R7
-85.2
R8
-100.0
R9
-100.0
R10
-100.0
R11
-98.2
R12
26.6
R13
-28.8
R14
17.5
R15