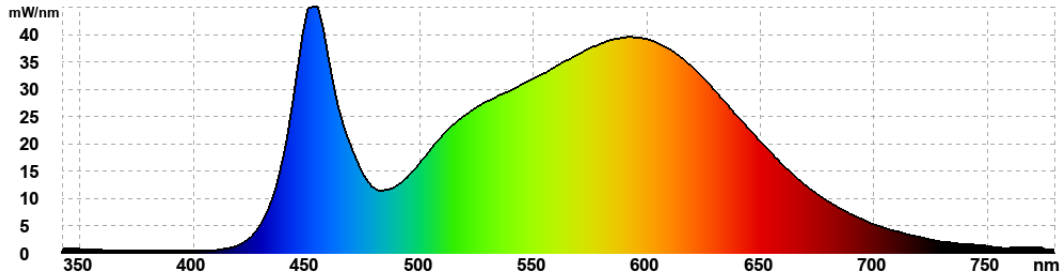


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name:	B3807_D_20231102_M_S	Client name:	LED line PRIME
Measurement time:	2023-11-02 08:50:51	Model name:	Downlight CALMOS 18W 4000K 2100lm IP44
Report time:	2023-11-07	Item No:	202122
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Serial No.:	22905
Power source:	IT7321 AC ITECH	Made by:	Radosław Kośnik
Ambient Temperature:	22.6 [C]		

Results

CIE 1931 2° observer	
x	0.3770
y	0.3698
u'	0.2257
v'	0.4980
L	100.00
a	11.84
b	28.65
X	2307.20
Y	2262.83
Z	1549.54

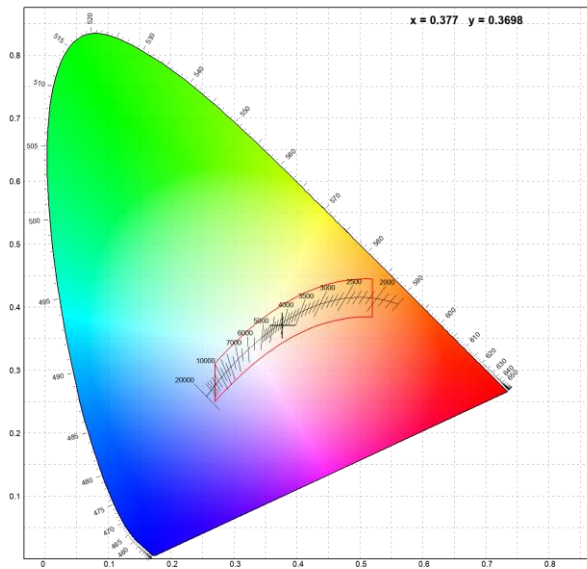
CIE 1964 10° observer	
x	0.3829
y	0.3666
u'	0.2309
v'	0.4974
L	100.00
a	16.39
b	27.96
X	2511.02
Y	2404.26
Z	1642.18

Other	
CCT [K]	4044
Chromaticity Error	0.005
Color Peak	452.91
Color Peak Value	44.93
Color Dominant	580.3
Luminous Flux [lm]	2262.83
Purity	0.241
Radiometric	6.9555
PAR	
PPFD	
Luminous Efficacy	127.1124 lm/W
Power [W]	17.8018
Power Factor	0.554
Current [A]	0.1397
Voltage [V]	230.091
Duv	0.0023

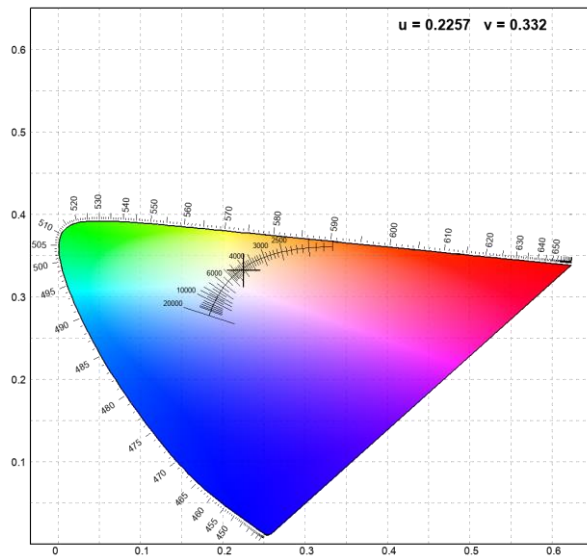
Rendering Indices	
Ra	82.7
R1	81.5
R2	89.7
R3	94.0
R4	80.4
R5	81.0
R6	84.3
R7	85.5
R8	64.9
R9	10.6
R10	74.1
R11	78.3
R12	58.9
R13	83.7
R14	96.8

Metamerism Indices	
Mivis	2.0
Miuv	4.0

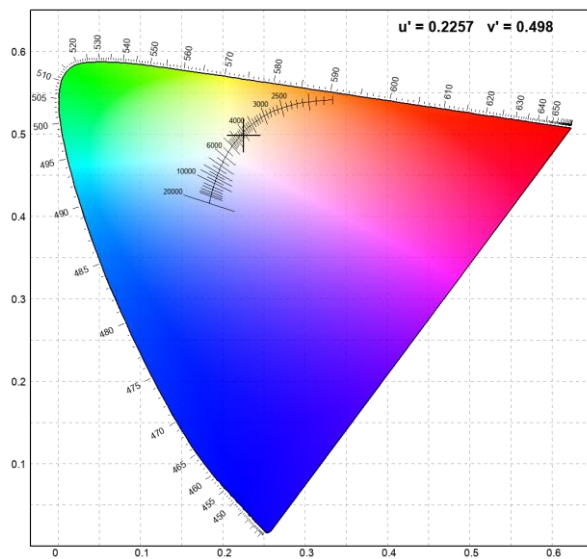
CIE 1931



CIE 1960



CIE 1976



CRI

