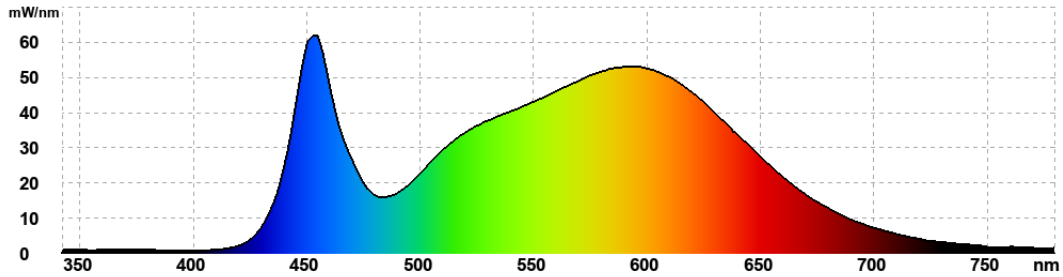


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name:	B3808_D_20231102_M_S	Client name:	LED line PRIME
Measurement time:	2023-11-02 14:51:04	Model name:	Downlight CALMOS 24W 4000K 2800lm IP44
Report time:	2023-11-07	Item No:	202139
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Serial No.:	22905
Power source:	IT7321 AC ITECH	Made by:	Radosław Kośnik
Ambient Temperature:	23.7 [C]		

Results

CIE 1931 2° observer	
x	0.3755
y	0.3690
u'	0.2250
v'	0.4974
L	100.00
a	11.51
b	28.02
X	3104.80
Y	3050.96
Z	2112.28

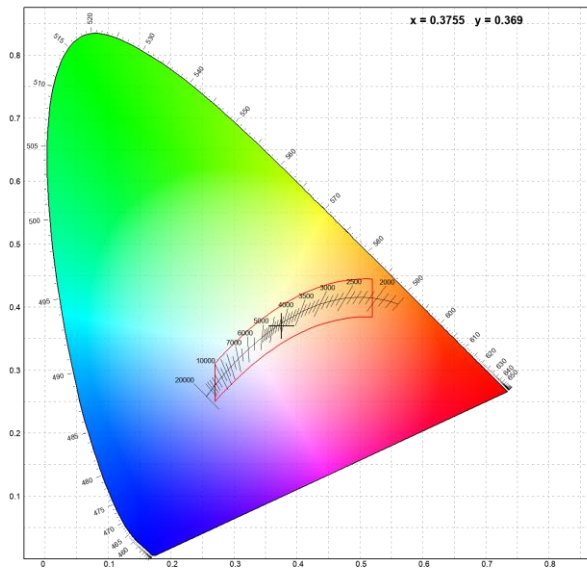
CIE 1964 10° observer	
x	0.3814
y	0.3661
u'	0.2301
v'	0.4969
L	100.00
a	15.96
b	27.40
X	3379.44
Y	3243.84
Z	2237.43

Other	
CCT [K]	4082
Chromaticity Error	0.005
Color Peak	452.91
Color Peak Value	61.53
Color Dominant	580.1
Luminous Flux [lm]	3050.96
Purity	0.234
Radiometric	9.4192
PAR	
PPFD	
Luminous Efficacy	131.6732 lm/W
Power [W]	23.1707
Power Factor	0.55
Current [A]	0.183
Voltage [V]	229.981
Duv	0.0022

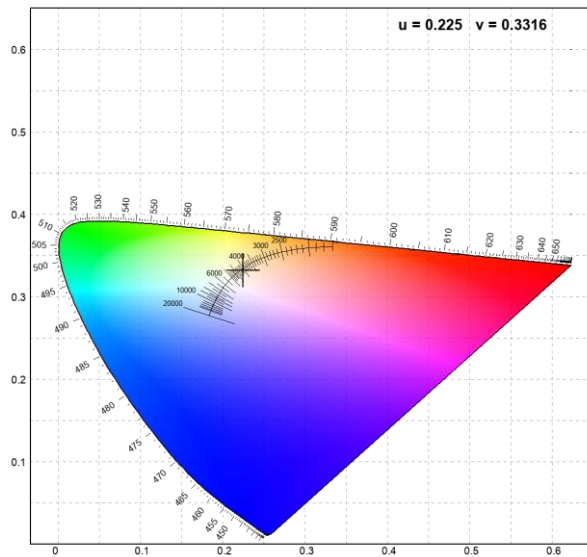
Rendering Indices	
Ra	82.9
R1	81.7
R2	89.9
R3	94.2
R4	80.6
R5	81.2
R6	84.6
R7	85.6
R8	65.3
R9	11.3
R10	74.6
R11	78.5
R12	59.0
R13	84.0
R14	97.0

Metamerism Indices	
Mivis	2.0
Miuv	3.9

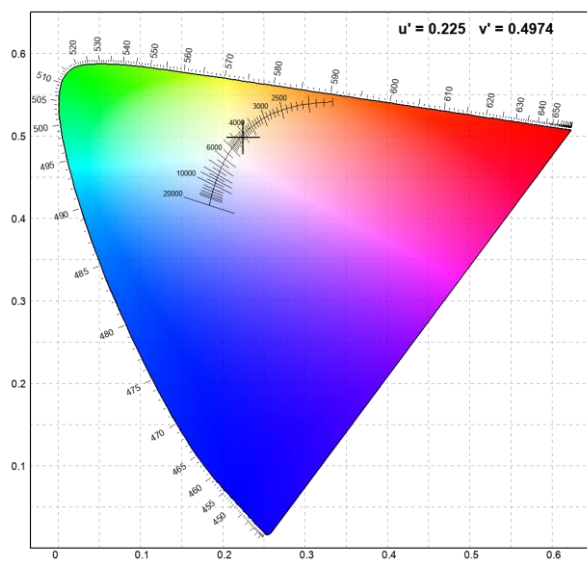
CIE 1931



CIE 1960



CIE 1976



CRI

