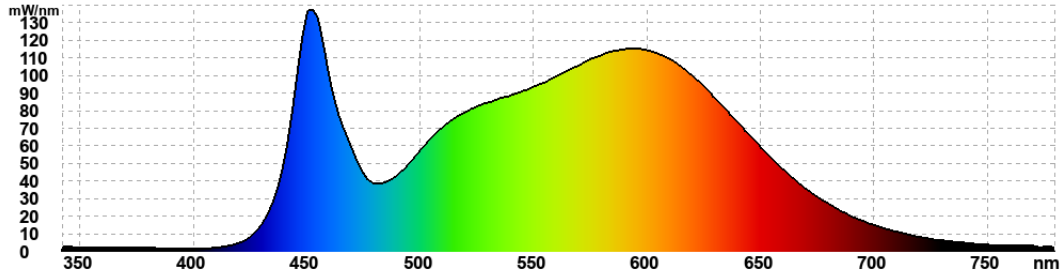


GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name:	B3743_D_20230828_M_S	Client name:	LED line PRIME
Measurement time:	2023-08-28 10:36:42	Model name:	RANGER C 40W 4000K 170lm/W
Report time:	2023-09-20		1-10V IP66
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	201262
Power source:	IT7321 AC ITECH	Serial No.:	21004
Ambient Temperature:	26.3 [C]	Made by:	Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3732
y	0.3713
u'	0.2225
v'	0.4981
L	100
a	9.4
b	28.37
X	6752.47
Y	6718.24
Z	4623.38

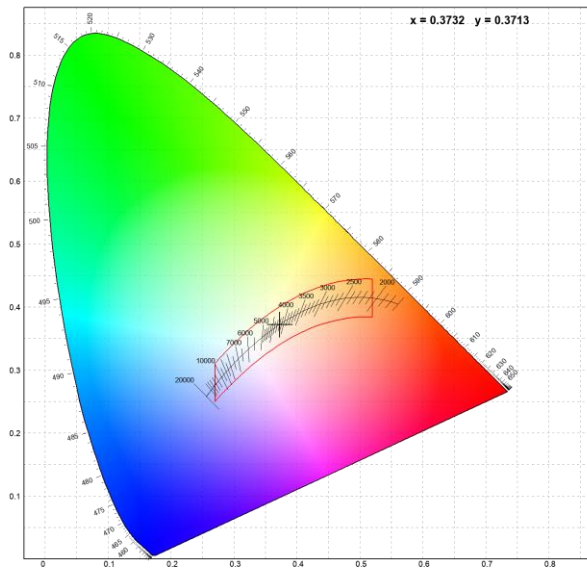
CIE 1964 10° observer	
x	0.379
y	0.369
u'	0.2273
v'	0.4979
L	100
a	13.51
b	27.98
X	7352.14
Y	7158.42
Z	4887.11

Other	
CCT [K]	4165
Chromaticity Error	0.003
Color Peak	450.68
Color Peak Value	136.8806
Color Dominant	578.7
Luminous Flux [lm]	6718.24
Purity	0.234
Radiometric	20.6837
PAR	
PPFD	
Luminous Efficacy	166.15 lm/W
Power [W]	40.4346
Power Factor	0.971
Current [A]	0.1807
Voltage [V]	230.047
Duv	-0.0004

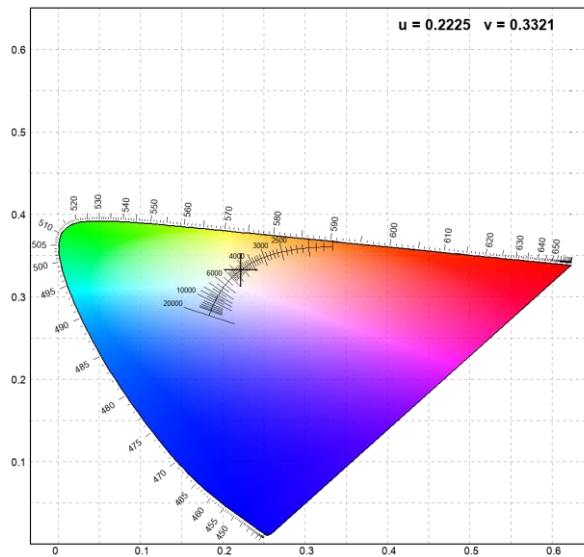
Rendering Indices	
Ra	84.3
R1	83.1
R2	90.9
R3	95.4
R4	82.6
R5	82.9
R6	86.5
R7	86.4
R8	66.6
R9	14.1
R10	77.7
R11	81.7
R12	61.3
R13	85.3
R14	97.8

Metamerism Indices	
Mivis	1.9
Miuv	3.9

CIE 1931



CIE 1960



CIE 1976

