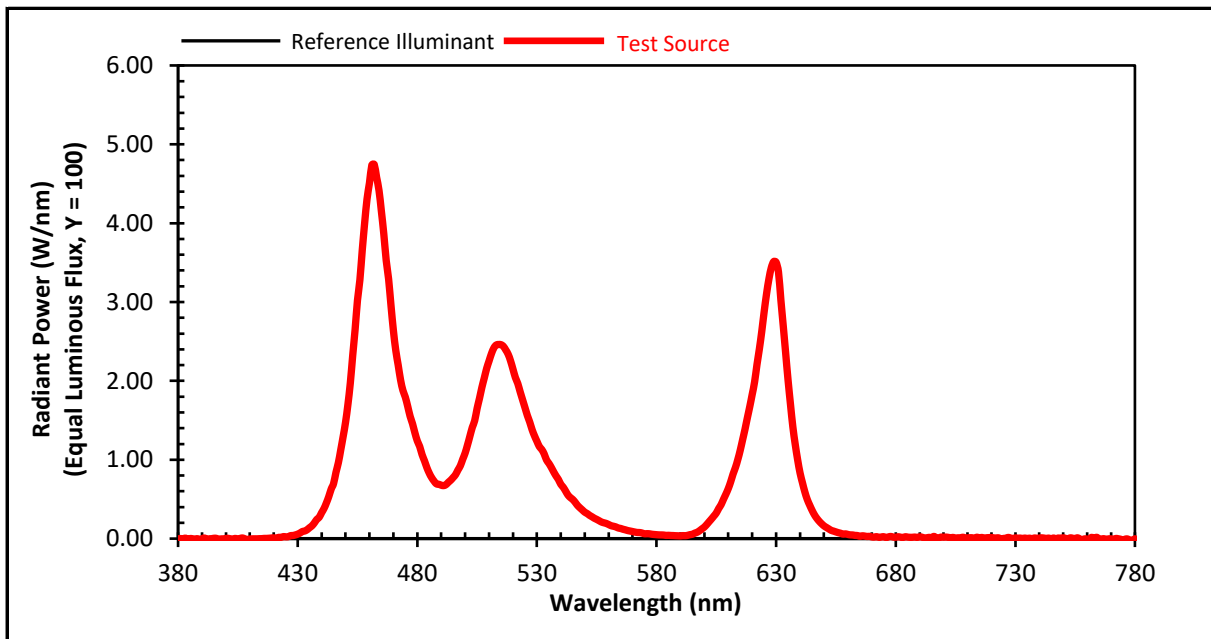


# Photometric Measurement Report

Measured via Labsphere's Integral™ Light Measurement Platform

Product	AL-NF-1018-24-RGB   Element Neon Sideflex RGB	3/7/25 12:21 PM
Description	Side Bending Neon - RGB (R+G+B)	Integration Time 141.20
Notes	1 meter	Scans Averaged 3
Scan ID	149 Test by EV	Saturation 82.98%
		Sphere Geometry 2pi



CCT (K)	Lumens	Watts	Volts (DC)	Amps	Efficacy
—	210.58	10.96	24.00	0.46	19.21

CIE 1931			CIE 1960		CIE 1976	
x	y	Y	u	v	u'	v'
0.25	0.25	0.31	0.18	0.28	0.18	0.41

CRI (Ra)		33.31			
R1	11	R6	42	R11	10
R2	48	R7	52	R12	51
R3	66	R8	-17	R13	17
R4	30	R9	-252	R14	75
R5	35	R10	-30	R15	-10

CQS (Qa)			47.61		
VS1	56	VS6	90	VS11	9
VS2	68	VS7	69	VS12	12
VS3	64	VS8	60	VS13	37
VS4	48	VS9	61	VS14	67
VS5	75	VS10	33	VS15	52

## Individual Color Details

Red				
Lumens	Watts	Volts (DC)	Amps	Efficacy
58.60	3.68	24.00	0.15	15.92
FWHM	Center Wavelength (nm)		Peak Wavelength (nm)	
15.73	626.55		627.86	

Green				
Lumens	Watts	Volts (DC)	Amps	Efficacy
134.06	3.68	24.00	0.15	36.43
FWHM	Center Wavelength (nm)		Peak Wavelength (nm)	
27.15	516.22		514.22	

Blue				
Lumens	Watts	Volts (DC)	Amps	Efficacy
25.72	3.68	24.00	0.15	7.00
FWHM	Center Wavelength (nm)		Peak Wavelength (nm)	
17.75	462.06		461.62	