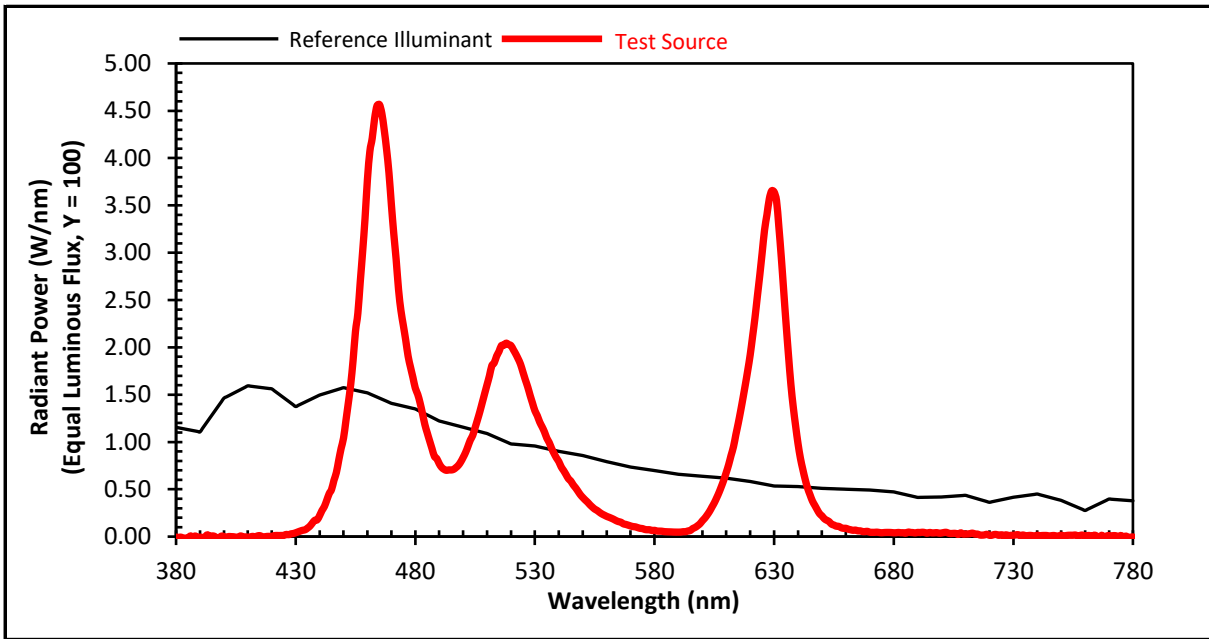


Photometric Measurement Report

Measured via Labsphere's Integral™ Light Measurement Platform

Product	AL-NF-AD-1018-SPI-24-RGB		6/16/25 3:42 PM		
Description	Borealis Neon SideFlex Light – Addressable RGB		Integration Time	153.90	
Notes	5M		Scans Averaged	3	
Scan ID	223	Test by	EV	Saturation	81.41%
				Sphere Geometry	4pi



CCT (K)	Lumens	Watts	Volts (DC)	Amps	Efficacy
15476 K	325.20	59.03	24.00	2.46	5.51

CIE 1931			CIE 1960		CIE 1796	
x	y	Y	u	v	u'	v'
0.27	0.26	0.48	0.19	0.28	0.19	0.42

CRI (Ra)						27.70
R1	2	R6	36	R11	10	
R2	41	R7	49	R12	42	
R3	69	R8	-28	R13	8	
R4	24	R9	-268	R14	77	
R5	27	R10	-35	R15	-21	

CQS (Qa)						49.39
VS1	53	VS6	88	VS11	15	
VS2	64	VS7	67	VS12	15	
VS3	63	VS8	60	VS13	39	
VS4	53	VS9	64	VS14	64	
VS5	81	VS10	37	VS15	50	

Individual Color Details

Red				
Lumens	Watts	Volts (DC)	Amps	Efficacy
98.79	23.57	24.00	0.98	4.19
FWHM	Center Wavelength (nm)		Peak Wavelength (nm)	
16.29	626.89		628.01	

Green				
Lumens	Watts	Volts (DC)	Amps	Efficacy
196.07	23.52	24.00	0.98	8.34
FWHM	Center Wavelength (nm)		Peak Wavelength (nm)	
29.95	519.98		518.42	

Blue				
Lumens	Watts	Volts (DC)	Amps	Efficacy
47.92	23.69	24.00	0.99	2.02
FWHM	Center Wavelength (nm)		Peak Wavelength (nm)	
18.87	465.03		464.75	

NOTE: All electrical related measurements include small amount of power usage from LED controller (less than 1W)