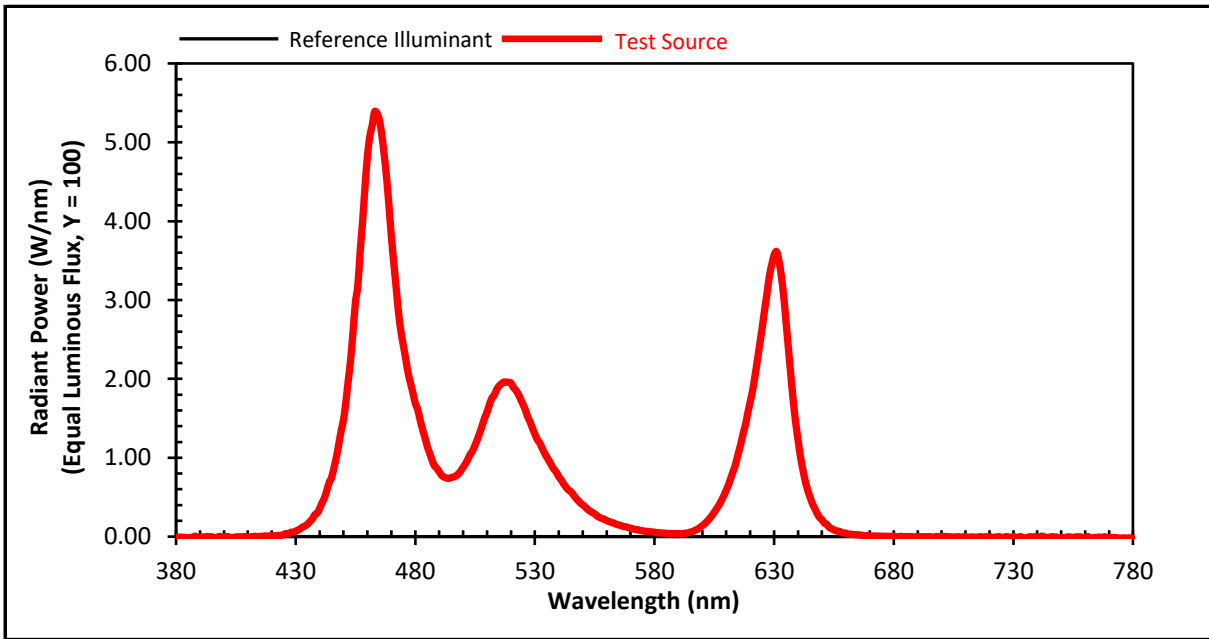


Photometric Measurement Report

Measured via Labsphere's Integral™ Light Measurement Platform

Product	AL-SL-AD-SPI-IP20-24-RGB	5/28/25 11:57 AM
Description	Borealis SPI Addressable Strip Light – RGB Color Changing	Integration Time 75.20 Scans Averaged 3
Notes	1 meter	Saturation 82.26%
Scan ID	172 Test by EV	Sphere Geometry 2pi



CCT (K)	Lumens	Watts	Volts (DC)	Amps	Efficacy
#REF!	413.47	12.68	24.00	0.53	32.60

CIE 1931			CIE 1960		CIE 1976	
x	y	Y	u	v	u'	v'
0.25	0.23	0.61	0.19	0.26	0.19	0.40

CRI (Ra)					
28.18					
R1	3	R6	33	R11	21
R2	35	R7	51	R12	36
R3	66	R8	-24	R13	6
R4	33	R9	-282	R14	77
R5	29	R10	-51	R15	-23

CQS (Qa)					
49.67					
VS1	53	VS6	89	VS11	15
VS2	66	VS7	69	VS12	14
VS3	65	VS8	61	VS13	38
VS4	53	VS9	66	VS14	64
VS5	80	VS10	38	VS15	49

Individual Color Details

Red				
Lumens	Watts	Volts (DC)	Amps	Efficacy
116.02	5.08	24.00	0.21	22.84
FWHM	Center Wavelength (nm)		Peak Wavelength (nm)	
16.77	628.37		629.68	

Green				
Lumens	Watts	Volts (DC)	Amps	Efficacy
243.19	5.10	24.00	0.21	47.67
FWHM	Center Wavelength (nm)		Peak Wavelength (nm)	
30.93	519.89		518.21	

Blue				
Lumens	Watts	Volts (DC)	Amps	Efficacy
63.97	5.13	24.00	0.21	12.46
FWHM	Center Wavelength (nm)		Peak Wavelength (nm)	
18.98	464.01		463.47	

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