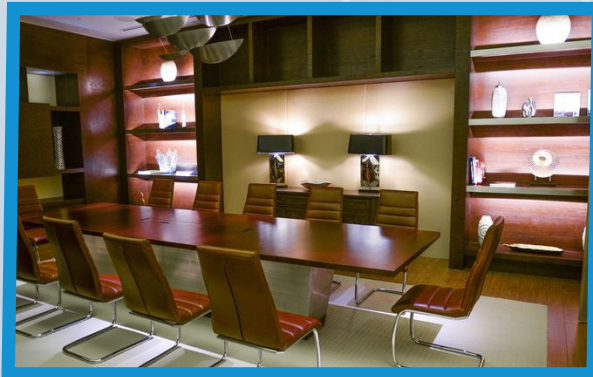
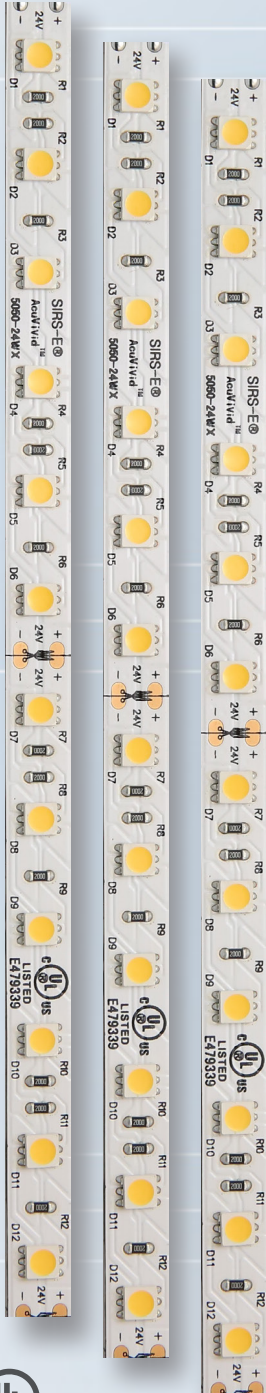


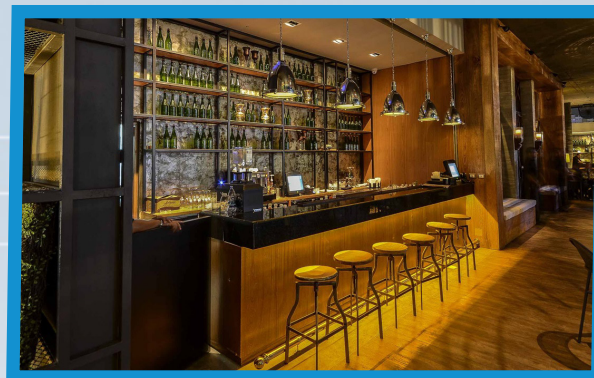
Flexible White LED Strips

The SIRS-E® **AcuVivid™** CV White LED strip series consists of High Quality Constant Voltage variants with color temperatures, but not limited to, 2700, 4000 and 5500 K. At a color rendering rating of 95+ CRI, **AcuVivid™** provides optimal color consistency and an increased luminous flux with greater efficacy while complying with all safety requirements as defined by UL standards.



Less than 1-Step MacAdam ellipse in the same run, easily mountable utilizing 3M VHB Aero-Grade tape, engineered to dissipate heat and reduce voltage drop via 4 oz flexible PCB.

- High Color Rendering Rating **+95 CRI**
- Increased Luminous Flux **330 lm/ft**
- Improved Luminous Efficacy **+80 lm/W**
- Minimal Power Consumption **4.1 W/ft**
- Very Low Color Shift **Duv +0.0005**
- UL Listed, Class 2 - **E479339**



The **AcuVivid™** series provides solutions for an endless set of applications including commercial, residential, stage & studio, theatrical, and specialized lighting designs.

Delivering superior LED strip lighting with a proven record spanning more than a decade without electrical, chromatic, or color rendering issues. SIRS-E® continues to lead the market place in stability, reliability, and efficiency of LED lighting and lighting control systems.



Customer Name Project Name Part Number


Flexible White LED Strip



Description

White LED strip lights let you create professional lighting designs with high quality components. Our new AcuVivid™ series of CV White strips include a 4oz density PCB that minimizes voltage drop and a 3M VHB adhesive tape for a more secure installation. AcuVivid™ White LED strips are offered in many variations such as 12V and 24V and varying IP ratings such as IP40 (indoor, dry locations) or IP68 (damp, wet locations). These strips are free of UV radiation, fully dimmable, and DMX addressable using our SIRS-E® line of DMX-CON decoders.

Product Specifications

Input Voltage	12 V DC ² / 24 V DC	Cuttable Segments	2 in (50 mm) for 12V / 4 in (100 mm) for 24V
Limiting Control Method	CV - Constant Voltage	Reel Length	16.4 ft / 5 m
Power Consumption	4.60 W/ft	Max Run Length	10 meters, 10% luminous flux loss
LED Chip Type	High Quality SMD 5050 3-Diode	Segment Width	0.39 in (10 mm) for IP40 / 0.50 in (12.7 mm) for IP68
LED Density	18 LEDs/ft / 60 LEDs/m	Luminous Flux Maintenance	75,000 hrs ³
Board Type/Color	4 oz Density Copper, White PCB	Dimming	DMX PWM, RF PWM, 0-10V, MLV, Incandescent
Beam Angle	120°	Environmental	IP 40 - Indoor, Dry / IP 68 - Damp, Wet
Operating Temperature	-20°F to 120°F	Warranty	5 Years Limited
Mounting	Non-Porous: 3M VHB Adhesive Mounting Tape	Certifications	 UL Listed, E479339

Product Photometrics

Nominal CCT (K)	Luminous Flux (lm/ft)	Luminous Efficacy (lm/W)	CIE (x,y)	Duv ₁	CRI	TM-30-15	
						Fidelity (Rf)	Gamut (Rg)
2700 K	315	77.4	(0.4536, 0.4082)	+0.0005	95.9	90.8	97.4
4000 K	330	81.8	(0.3666, 0.3690)	+0.0005	96.3	88.4	97.2
5500 K	329	81.5	(0.3233, 0.3279)	-0.0031	95.9	91.4	102.7

1 - Duv Chromaticity Consistency is throughout the run length. Typically below 1-step MacAdam Ellipse.

2 - AcuVivid™ 12V RGBW LED Strips are Special Order only.

3 - After 75,000 hrs: 30% Luminous Flux loss, 10% Chromaticity change, as per LM-80-15

Ordering Guide

Series	Voltage	Control	CCT / λ ^{2,3*}	IP	Run Length
AcuVivid™	XX	CV	XX	XX	16
	12 ¹	CV	27	40	
	24	CC	40	68	
			55		

¹ Voltage - AcuVivid™ 12V White LED Strips are Special Order only.

² CCT - Correlated Color Temperature, represented by the first 2 digits of the nominal CCT.

³ λ - Peak Wavelength, represented by the 3 digits of the color wavelength.

* CCT / λ - applicable on AcuVivid and AcuHue series only.

²27 - White 2700 K

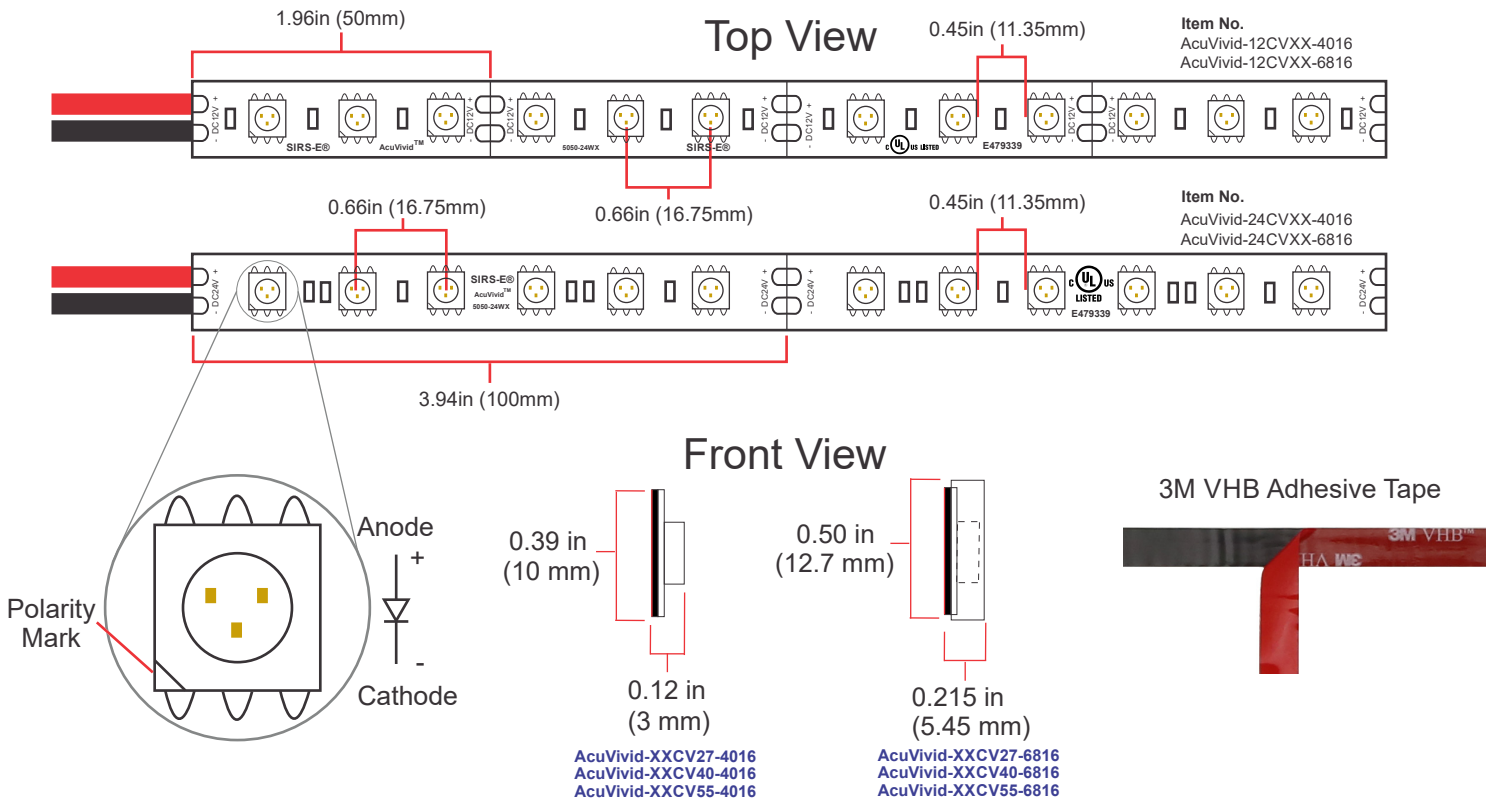
²40 - White 4000 K

²55 - White 5500 K

Product Country of Origin

Product Engineering & Design	USA
Assembled	China Preassembled / USA Final Assembly
QC Quality Control	USA
Product Customization	USA
Technical Support	USA

Mechanical Dimensions



Weight

Product Weight: 4.5 oz, 16.4 ft Reel, IP40. Without Packaging.
13.1 oz, 16.4 ft Reel, IP68. Without Packaging.

Notes

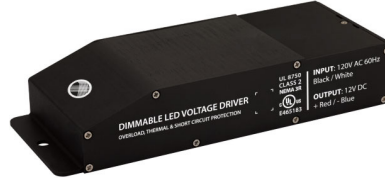
- A good technique to minimize brightness loss and increase lumen output on CV LED Strips is to power the strip on both sides.
- LED electrical and photometric characteristics change with the manufacturing batch/bin date. Approximately 3-Step MacAdam Ellipses between batches.
- We reserve the right to change any data without prior notice.

Accessories Compatible

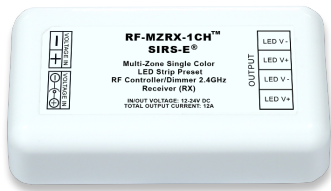
This list shows some of our most sellable accessories compatible for this product. For a complete list, please visit our website.



Meanwell 12V & 24V PSUs
LED-PS12V-60W-UL
LED-PS24V-90W-UL



Magnitude Dimmable PSUs
PS12V60W-DIM
PS24V96W-DIM



SIRS-E RF Controllers
RF-MZRX-RGBW



SIRS-E DMX Controllers
DMX-CON3-C2



SIRS-E Waterproof
Accessories



SIRS-E Single Color Wire Leads



About Us



SIRS-E /semiconductor • illumination • research • solutions /

In 2004, SIRS-E began research into the use of high powered LED components to be applied in direct lighting fixtures and LED strips.

In 2005, SIRS-E developed the RGB HPL01 – 12 watt (60 lumens per watt efficiency) RGB lighting fixture controlled via DMX using LumiLEDs, one of the first high powered LEDs eventually acquired by Phillips. Included in early research solutions, was the development and testing of many different LED strips intended to be used for direct RGB lighting and effects applications. This was the beginning of what we now know as SIRS – Electronics.

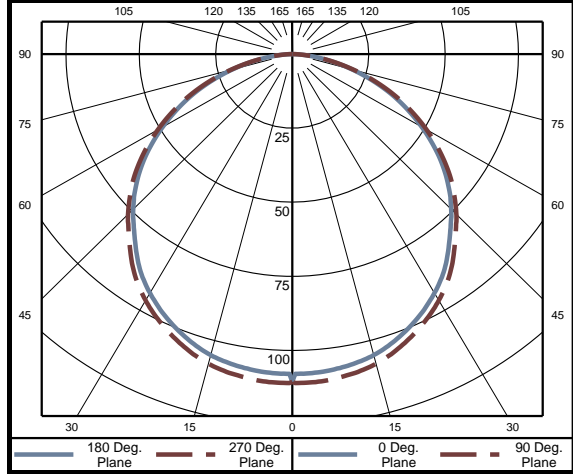


SIRS Electronics Inc
 Catalog Number
ACUVIVID-24CV55-4016



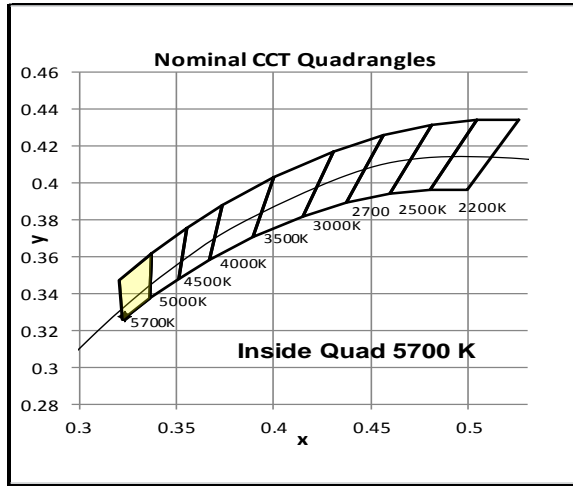
Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.9 °C	24.00 VDC	0.1709 A	4.102 W	N/A	N/A	N/A

Summary of Results	
Total Lumen Output	329.3 Lumens
Luminaire Efficacy	81.5 lm/w
Maximum Candela	111 Candela
CCT	5947 K
CRI	95.9
Duv	-0.0031
TM-30 Rf	91.4
TM-30 Rg	102.7



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	111	
5	110	11
10	109	
15	107	30
20	105	
25	101	47
30	96	
35	91	57
40	84	
45	77	59
50	69	
55	61	54
60	52	
65	42	42
70	32	
75	22	23
80	13	
85	5	6
90	0	

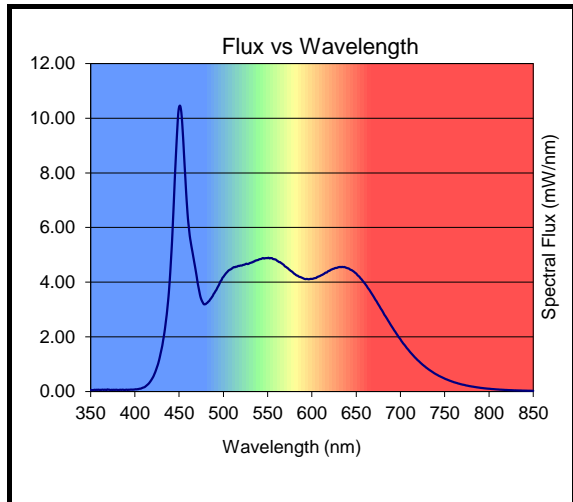
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	87	26.6%
0-40	144	43.9%
0-60	258	78.5%
0-90	329	100.0%
40-90	185	56.1%
60-90	71	21.5%
90-180	0	0.0%
0-180	329	100.0%



Spacing Criteria	
0-180	1.26
90-270	1.26

Color Rendering Index Details	
Ra (CRI)	95.9
R1	96.9
R2	97.9
R3	92.5
R4	96.9
R5	97.7
R6	93.2
R7	97.5
R8	94.4
R9	84.7
R10	94.3
R11	94.9
R12	75.7
R13	98
R14	95.5

Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	29190
45	27940
55	27330
65	25510
75	21870
85	14640



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	6.91	5.17
6.00	3.07	7.75
8.00	1.73	10.3
10.0	1.11	12.9
12.0	0.768	15.5
14.0	0.564	18.1
16.0	0.432	20.7

Chromaticity Coordinates	
Chromaticity (x)	0.3233
Chromaticity (y)	0.3279
Chromaticity (u)	0.2057
Chromaticity (v)	0.3129
Chromaticity (u')	0.2057
Chromaticity (v')	0.4693
Duv	-0.0031

Testing was performed in accordance with LM-79-08
 The results contained in this summary pertain only to report #11714176.22



UL Verification Services Inc.
7036 Snowdrift Road
Allentown, PA 18106
610-774-1300



Photometric Test Report

Relevant Standards

IES LM-79-2008, ANSI C82.77-2002, CIE 13.3-1995
CIE 15-2004, ANSI C78.377-2015, IES TM-30-2015

Prepared For

SIRS Electronics Inc

4705 Hwy 36 S
STE 5
Rosenberg, TX 77471
United States

Catalog Number

ACUVIVID-24CV55-4016

Order Number

11714176

Test Number

11714176.22

Test Date

2017-04-13

Prepared By

Dane Hernandez-Adams, Technician

Approved By

Justin Benner, Project Handler

The results contained in this report pertain only to the tested sample.
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This report must not be used by the client to claim product certification, approval, or endorsement by
NVLAP, NIST, or any agency of the Federal Government.



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ISOFootcandle Plot	Page 9

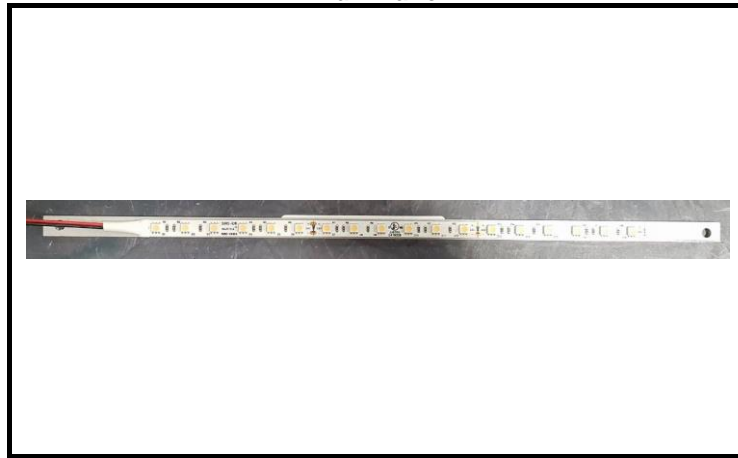
Laboratory results may not be representative of field performance
Ballast factors have not been applied

Testing was performed in a 2-meter integrating sphere using the 4π geometry method.
Absorption correction was employed for Sphere measurement



Luminaire Description: Formed aluminum backing plate, LED strip with no lens enclosure - 1' length (304.8mm)
Lamp: 18 white LEDs
Mounting: Surface – Ceiling
Ballast/Driver: None

Luminaire



Luminaire Characteristics

Luminous Length: 11.75 in.
Luminous Width: 0.5000 in.

Summary of Results

Integrating Sphere

Luminous Flux: 329 Lumens
Efficacy: 81.5 lm/w
CCT: 5947 K
CRI (Ra): 95.9

Distribution

Total Luminaire Output: 328.7 Lumens
Luminaire Efficacy: 80.1 lm/w
Maximum Candela: 111 Candela

Electrical Data at 24 VDC

Test Temperature: 25.1 °C
Voltage: 24.00 VDC
Current: 0.1684 A
Power: 4.043 W



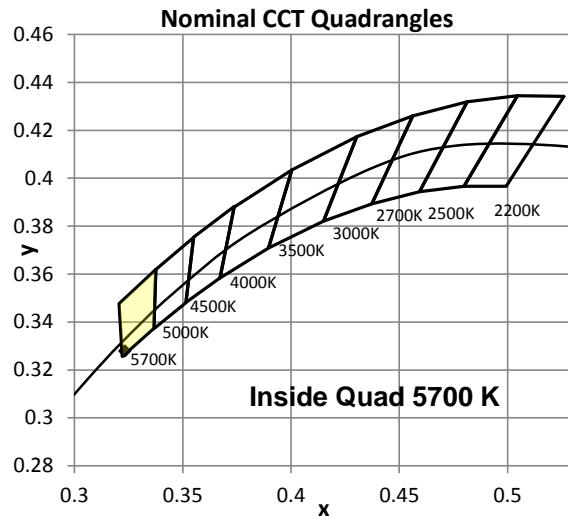
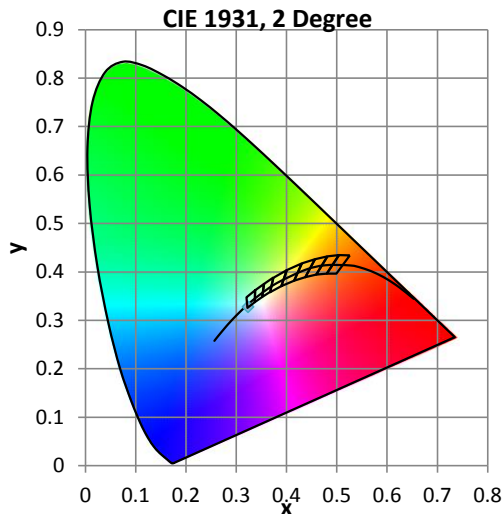
Color Quality - Integrating Sphere

Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.1 °C	24.00 VAC	0.1684 A	4.043 W	N/A	N/A	N/A

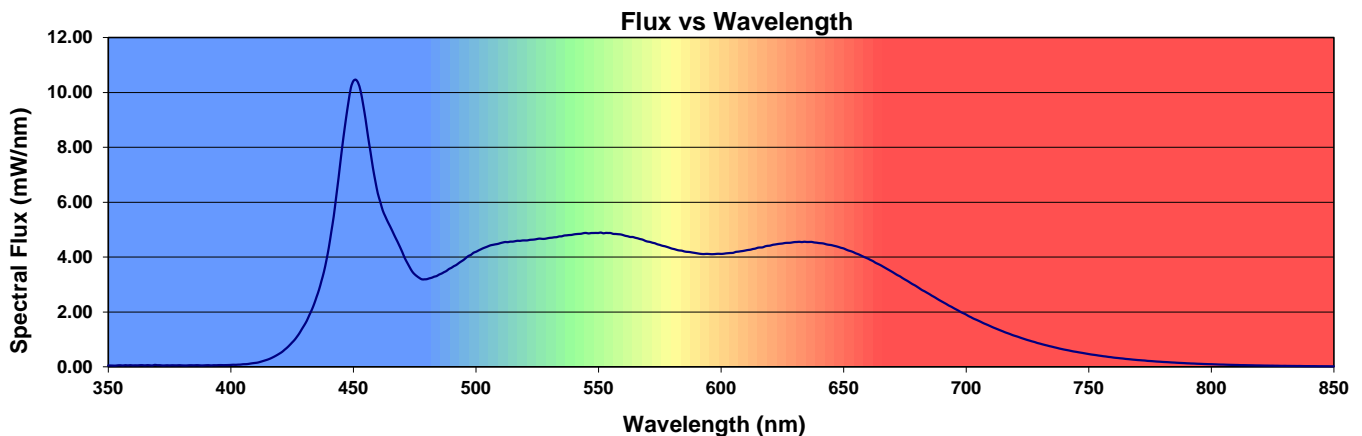
Summary of Results

Total Output:	329 Lumens	Chromaticity (x):	0.3233
Efficacy:	81.5 lm/w	Chromaticity (y):	0.3279
CCT:	5947 K	Chromaticity (u'):	0.2057
CRI (Ra):	95.9	Chromaticity (v'):	0.4693
CRI (R9):	84.7	TM-30 R_f:	91.4
Peak Wavelength:	450.8 nm	TM-30 R_g:	102.7
Dominant Wavelength:	484.4 nm	Duv:	-0.0031
S/P Ratio:	2.298		



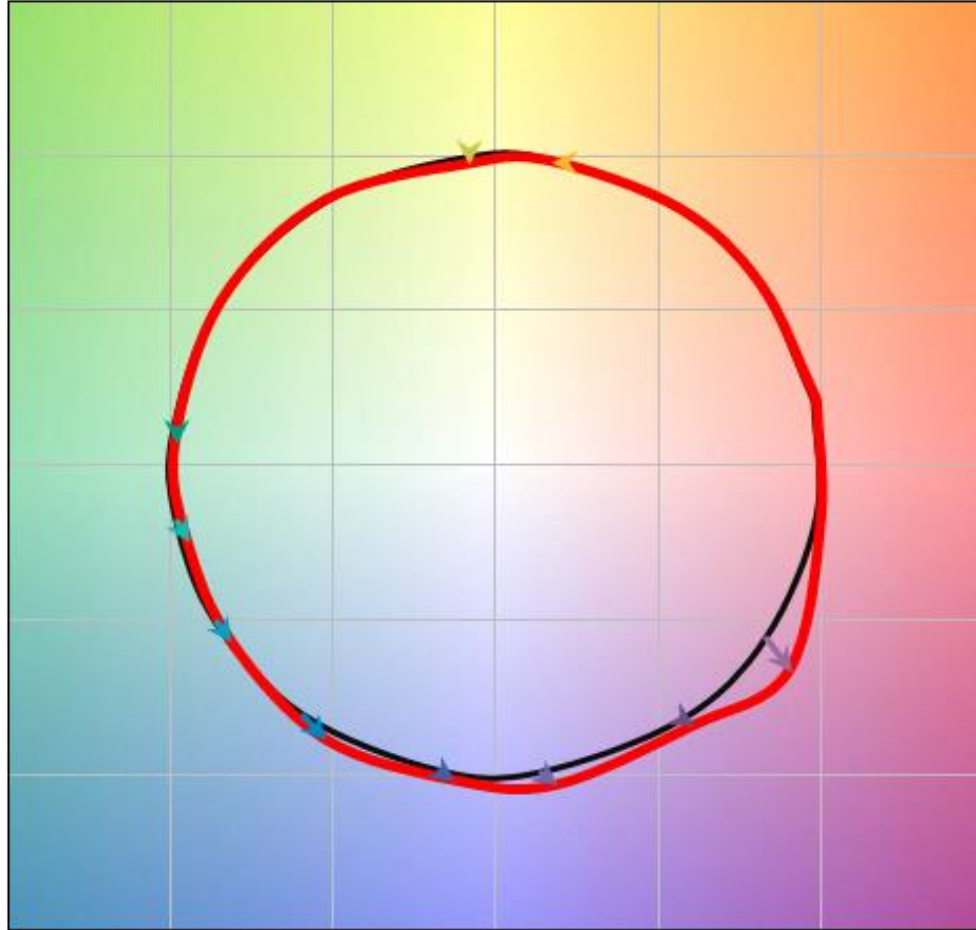
Color Rendering Index Detail

Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
95.9	96.9	97.9	92.5	96.9	97.7	93.2	97.5	94.4	84.7	94.3	94.9	75.7	98.0	95.5





COLOR VECTOR GRAPHIC



— Reference Illuminant — Test Source

HUE ANGLE ANALYSIS															
Hue Bin (<i>j</i>)	Count (<i>m</i>)	Average of Test SPD		Average of Ref SPD		Average ΔE	Average θ	Color Distortion Icon Parameters						R_{thj}	Change of Chroma
		<i>a'</i>	<i>b'</i>	<i>a'</i>	<i>b'</i>			<i>da</i> _{relative}	<i>db</i> _{relative}	<i>path_x</i> _{ref}	<i>path_y</i> _{ref}	<i>path_x</i> _{test}	<i>path_y</i> _{test}		
1	7	24.22	5.21	24.02	5.11	0.883	0.21	0.01	0.00	0.98	0.21	0.99	0.21	93	1%
2	6	18.70	12.19	18.74	12.01	0.488	0.62	0.00	0.01	0.82	0.58	0.81	0.59	96	0%
3	8	13.36	20.99	13.61	20.69	0.877	0.96	-0.01	0.01	0.57	0.82	0.56	0.83	93	0%
4	7	3.98	22.84	4.52	22.79	0.907	1.38	-0.02	0.00	0.19	0.98	0.16	0.98	93	0%
5	9	-1.60	20.85	-1.46	21.32	1.280	1.65	-0.01	-0.02	-0.08	1.00	-0.09	0.97	90	-2%
6	10	-10.41	16.55	-10.20	16.55	0.609	2.11	-0.01	0.00	-0.52	0.86	-0.53	0.86	95	1%
7	4	-17.89	11.32	-17.91	11.34	0.356	2.58	0.00	0.00	-0.85	0.53	-0.85	0.53	97	0%
8	5	-23.95	1.89	-24.11	2.58	0.806	3.04	0.01	-0.03	-0.99	0.10	-0.99	0.07	94	-1%
9	7	-15.10	-3.91	-15.63	-2.89	1.203	-2.96	0.03	-0.06	-0.98	-0.18	-0.95	-0.24	91	-2%
10	5	-18.93	-12.70	-20.05	-11.25	1.888	-2.61	0.05	-0.06	-0.86	-0.50	-0.82	-0.57	86	-1%
11	9	-11.64	-20.77	-13.24	-18.94	2.466	-2.21	0.07	-0.08	-0.60	-0.80	-0.53	-0.88	81	3%
12	2	-2.56	-21.41	-3.57	-20.76	1.230	-1.75	0.05	-0.03	-0.18	-0.98	-0.13	-1.02	91	2%
13	6	2.95	-16.40	2.13	-15.76	1.099	-1.44	0.05	-0.04	0.13	-0.99	0.18	-1.03	92	5%
14	3	13.62	-18.99	12.89	-18.54	1.029	-0.96	0.03	-0.02	0.57	-0.82	0.61	-0.84	92	3%
15	6	13.54	-9.74	12.45	-8.22	2.052	-0.59	0.07	-0.10	0.83	-0.56	0.90	-0.66	85	12%
16	5	23.02	-3.75	22.71	-3.60	0.559	-0.17	0.01	-0.01	0.99	-0.17	1.00	-0.17	96	1%



Distribution - Goniophotometer

Distribution Test Conditions

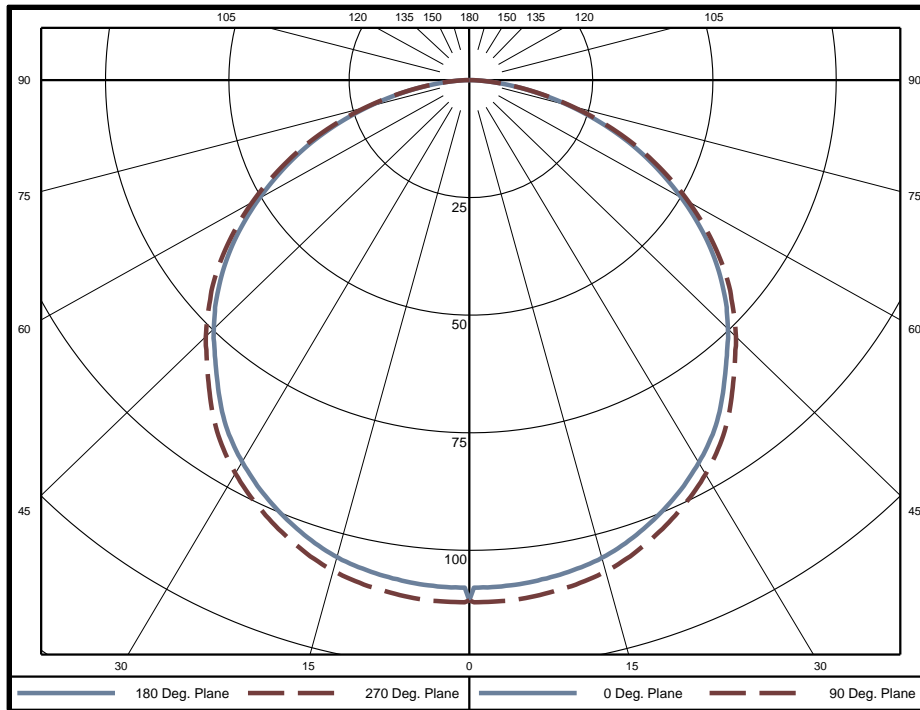
Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.9 °C	24.00 VDC	0.1709 A	4.102 W	N/A	N/A	N/A

Summary of Results

Spacing Criteria
 0-180: 1.26
 90-270: 1.26

Total Lumen Output: 328.7 Lumens
Luminaire Efficacy: 80.1 lm/w
Maximum Candela: 111 Candela

Polar Plot



Zonal Lumen Summary

Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	2.64	0.8%	60-65	22.78	6.9%	120-125	0	0.0%
5-10	7.87	2.4%	65-70	18.78	5.7%	125-130	0	0.0%
10-15	12.89	3.9%	70-75	14.10	4.3%	130-135	0	0.0%
15-20	17.52	5.3%	75-80	9.19	2.8%	135-140	0	0.0%
20-25	21.58	6.6%	80-85	4.66	1.4%	140-145	0	0.0%
25-30	24.98	7.6%	85-90	1.26	0.4%	145-150	0	0.0%
30-35	27.59	8.4%	90-95	0	0.0%	150-155	0	0.0%
35-40	29.12	8.9%	95-100	0	0.0%	155-160	0	0.0%
40-45	29.71	9.0%	100-105	0	0.0%	160-165	0	0.0%
45-50	29.57	9.0%	105-110	0	0.0%	165-170	0	0.0%
50-55	28.40	8.6%	110-115	0	0.0%	170-175	0	0.0%
55-60	26.06	7.9%	115-120	0	0.0%	175-180	0	0.0%

Zone	Lumens	% of Luminaire
0-40	144	43.9%
0-60	258	78.5%
0-90	329	100.0%
90-180	0	0.0%



Candela Tabulation
Horizontal Angle (Degrees)

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5
0	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6
5	107.7	110.1	111.2	111.1	110.9	111.1	111.2	110.1	107.7	110.1	111.2	111.1	110.9	111.1	111.2	110.1
10	106.8	109.2	110.2	110.1	109.8	110.1	110.2	109.2	106.8	109.2	110.2	110.1	109.8	110.1	110.2	109.2
15	105.1	107.6	108.4	108.4	108.1	108.4	108.4	107.6	105.1	107.6	108.4	108.4	108.1	108.4	108.4	107.6
20	102.2	104.7	105.4	105.4	105.1	105.4	105.4	104.7	102.2	104.7	105.4	105.4	105.1	105.4	105.4	104.7
25	98.5	100.9	101.5	101.5	101.2	101.5	101.5	100.9	98.5	100.9	101.5	101.5	101.2	101.5	101.5	100.9
30	94.0	96.4	96.9	97.0	96.7	97.0	96.9	96.4	94.0	96.4	96.9	97.0	96.7	97.0	96.9	96.4
35	88.5	90.9	91.2	91.3	91.1	91.3	91.2	90.9	88.5	90.9	91.2	91.3	91.1	91.3	91.2	90.9
40	81.5	83.9	84.2	84.2	84.0	84.2	84.2	83.9	81.5	83.9	84.2	84.2	84.0	84.2	84.2	83.9
45	74.9	77.0	77.2	77.3	77.2	77.3	77.2	77.0	74.9	77.0	77.2	77.3	77.2	77.3	77.2	77.0
50	67.6	69.7	69.8	69.8	69.7	69.8	69.8	69.7	67.6	69.7	69.8	69.8	69.7	69.8	69.8	69.7
55	59.4	61.2	61.3	61.2	61.2	61.2	61.3	61.2	59.4	61.2	61.3	61.2	61.2	61.2	61.3	61.2
60	50.2	51.9	52.0	51.9	51.9	51.9	52.0	51.9	50.2	51.9	52.0	51.9	51.9	51.9	52.0	51.9
65	40.9	42.2	42.3	42.2	42.2	42.2	42.3	42.2	40.9	42.2	42.3	42.2	42.2	42.2	42.3	42.2
70	31.2	32.2	32.3	32.2	32.2	32.2	32.3	32.2	31.2	32.2	32.3	32.2	32.2	32.2	32.3	32.2
75	21.5	22.1	22.1	22.0	22.0	22.0	22.1	22.1	21.5	22.1	22.1	22.0	22.0	22.0	22.1	22.1
80	12.4	12.7	12.7	12.6	12.6	12.6	12.7	12.7	12.4	12.7	12.7	12.6	12.6	12.6	12.7	12.7
85	4.8	5.0	5.0	4.9	4.9	4.9	5.0	5.0	4.8	5.0	5.0	4.9	4.9	4.9	5.0	5.0
90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average Luminance (cd/m²)
Horizontal Angle (Degrees)

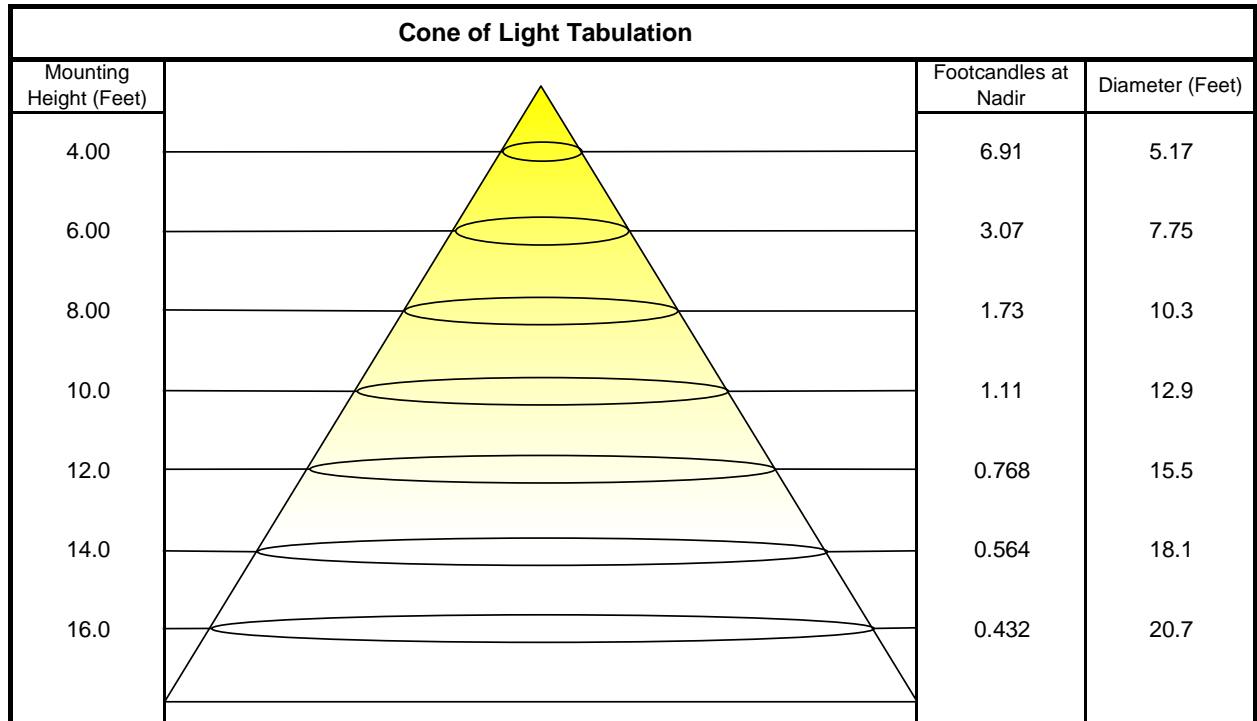
	0	45	90
0	29190	29190	29190
45	27940	28820	28790
55	27330	28200	28130
65	25510	26410	26320
75	21870	22520	22410
85	14640	15010	14730



Utilization of Lumens - Zonal Cavity Method

Effective Floor Cavity Reflectance 20%																		
Ceiling Cavity Reflectance	80				70				50			30			10			0
Wall Reflectance	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio (RCR)	** Values are expressed as Lumens delivered to the task surface **																	
0	391	391	391	391	382	382	382	382	365	365	365	350	350	350	335	335	335	329
1	357	341	327	314	348	334	321	309	320	309	299	307	298	290	295	288	281	275
2	324	297	274	255	316	291	270	252	279	261	246	268	253	240	258	246	235	228
3	295	260	233	211	287	255	230	209	245	223	205	236	217	202	227	212	198	191
4	270	230	201	178	262	226	198	177	217	193	175	209	189	172	202	185	170	163
5	248	205	175	153	241	201	173	152	194	170	151	188	166	149	182	163	147	140
6	229	184	155	133	222	181	153	133	175	150	131	170	147	130	164	145	129	122
7	212	167	138	117	206	164	137	117	159	134	116	154	132	115	150	130	114	108
8	197	152	124	105	192	150	123	104	146	121	104	141	119	103	137	117	102	96
9	184	140	112	94	179	138	111	94	134	110	93	130	108	93	127	107	92	86
10	173	129	102	85	168	127	102	85	124	100	84	121	99	84	118	98	84	78

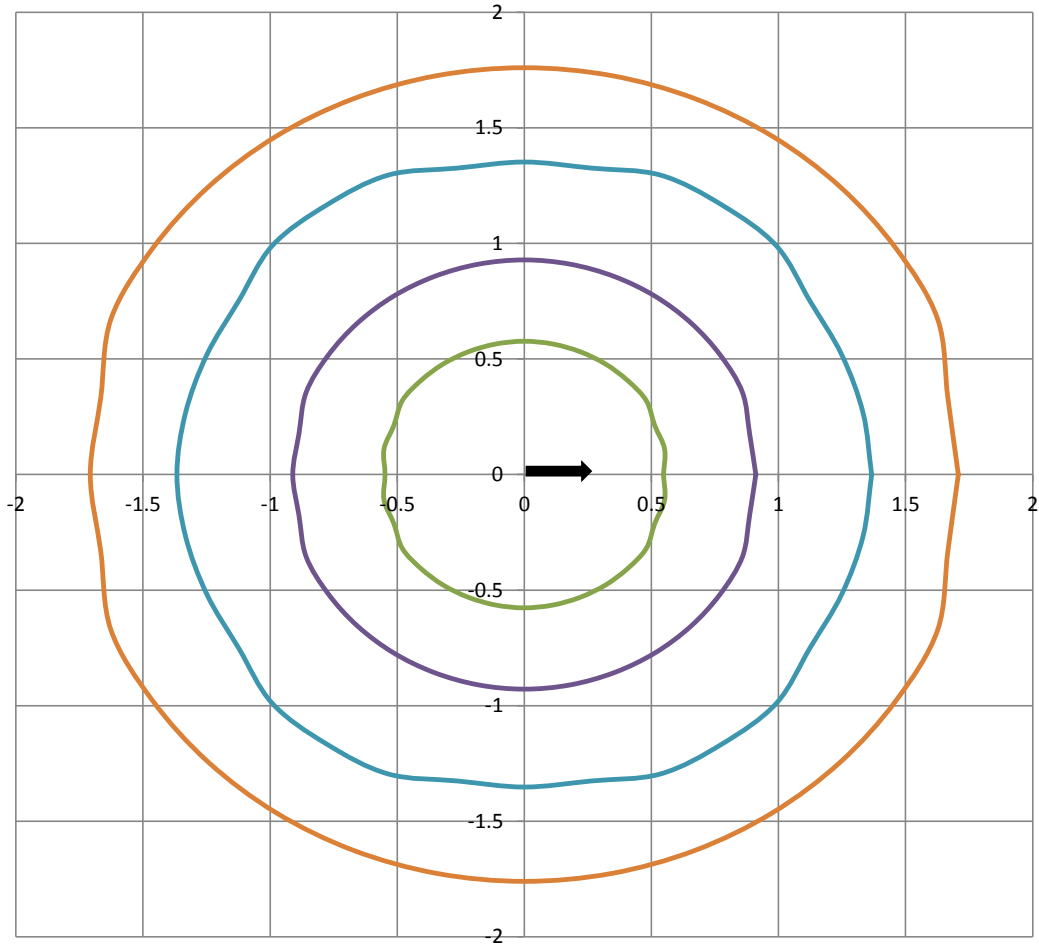
Beam and Field Information	
CIE Type:	Direct
Center Beam Intensity:	110.6 Candela
Central Cone Intensity:	111 Candela
Beam Flux:	248.3 Lumens
Beam Angle (0-180):	114.5 Degrees
Beam Angle (90-270):	116.4 Degrees
Field Angle (0-180):	161.6 Degrees
Field Angle (90-270):	161.8 Degrees





ISOFootcandle Plot

Mounting Height - 8 Feet



Grid Lines in Units of Mounting Height



CERTIFICATE OF COMPLIANCE

Certificate Number 20170427-E479339
Report Reference E479339-20151029
Issue Date 2017-APRIL-27

Issued to: SIRS ELECTRONICS INC
4705 HWY 36 S, SUITE 5
ROSENBERG TX 77471

**This is to certify that
representative samples of**

LOW-VOLTAGE LIGHTING SYSTEMS, POWER UNITS,
LUMINAIRES AND FITTINGS

See addendum for models.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 2108, Low Voltage Lighting Systems
CSA C22.2 NO. 9.0, Luminaires

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20170427-E479339
Report Reference E479339-20151029
Issue Date 2017-APRIL-27

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

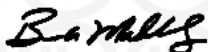
Low voltage luminaires, LED strip lights, models 5050-LED-RGB, 5050-LED-4RGBXX-72 where XX is A, WH or WW, 5050-LED-WH, -WW, -CW; may be followed additional alphanumeric characters.

Low voltage luminaires, LED strip lights, models 5050-12RGB, 5050-12RGBXX where XX is A, WN or WW, 5050-12WX where X is N, W, or C; may be followed by additional alphanumeric characters.

Low voltage luminaires, LED strip lights, 5050-24V-RGB, 5050-24V-4RGBXX where XX is A, WH or WW, 5050-24V- WH, -WW, -CW; may be followed additional alphanumeric characters.

Low voltage luminaires, LED strip lights, models 5050-24RGB, 5050-24RGBXX where XX is A, WN or WW, 5050-24WX where X is N, W or C; may be followed by additional alphanumeric characters.

Low voltage luminaires, LED strip lights, model series ACUVIBRANT, ACUHUE, ACUVIVID; may be followed by additional alphanumeric characters.



Bruce Mahrenholz, Director North American Certification Program

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