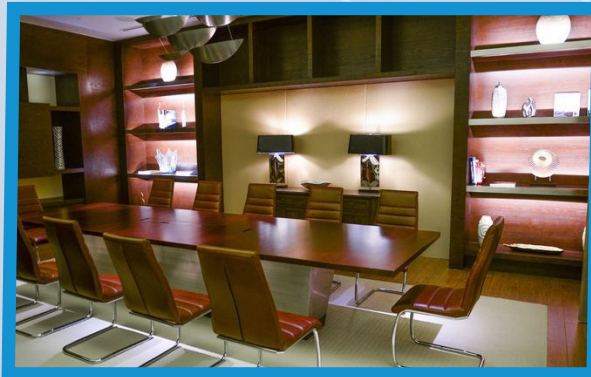
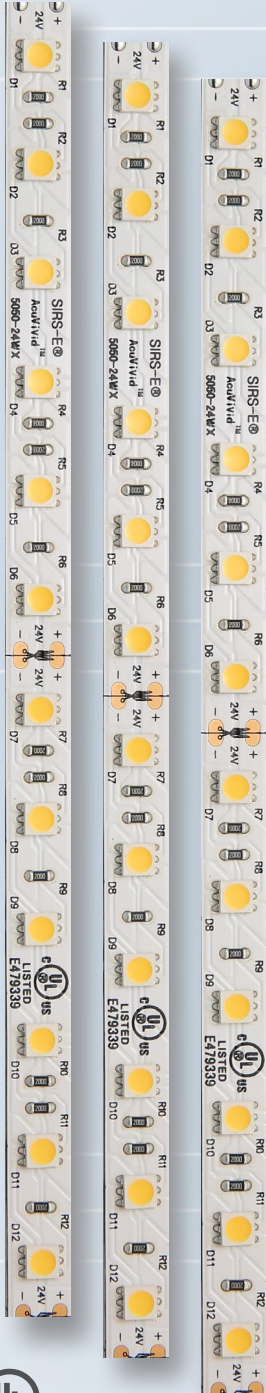


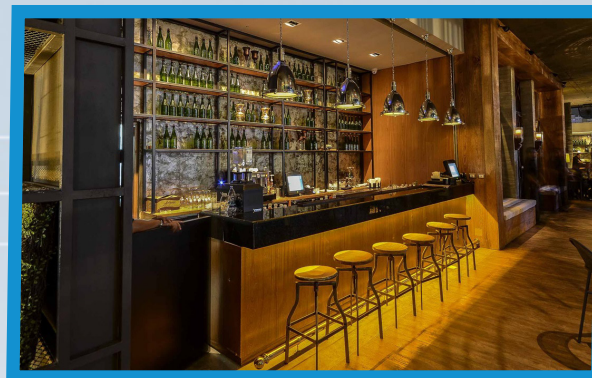
Flexible White LED Strips

The SIRS-E® **AcuVivid™** CV White LED strip series consists of High Quality Constant Voltage variants with color temperatures, but not limited to, 2700, 3000, 3500, 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

When it comes to an efficient and elegant way to illuminate any accent space, SIRS-E'S Linear LED Tape Lighting allows a level of flexibility and performance that few other lighting fixtures and formats can achieve. The AcuVivid line of White LED Tape now has 5 different Correlated Color Temperature options: 2700K, 3000K, 3500K, 4000K and 5500K. From the warm, sunset like tones of the 2700K, to the bright and neutral cast of the perfectly white 5500K, the AcuVivid Line provides various options to suit any environment. With top of the line quality control and thorough lab testing procedures, including UL listing certifications, the AcuVivid series is the perfect choice when color matching existing lighting and when reliability and safety is key.

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
3000 K	321	78.6	(0.4225, 0.3977)	+0.0005	95.9	90.9	97.9
3500 K	327	80.8	(0.3825, 0.3787)	+0.0005	96.2	89.2	98.3
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	30	68	
		35		
		40		
		55		

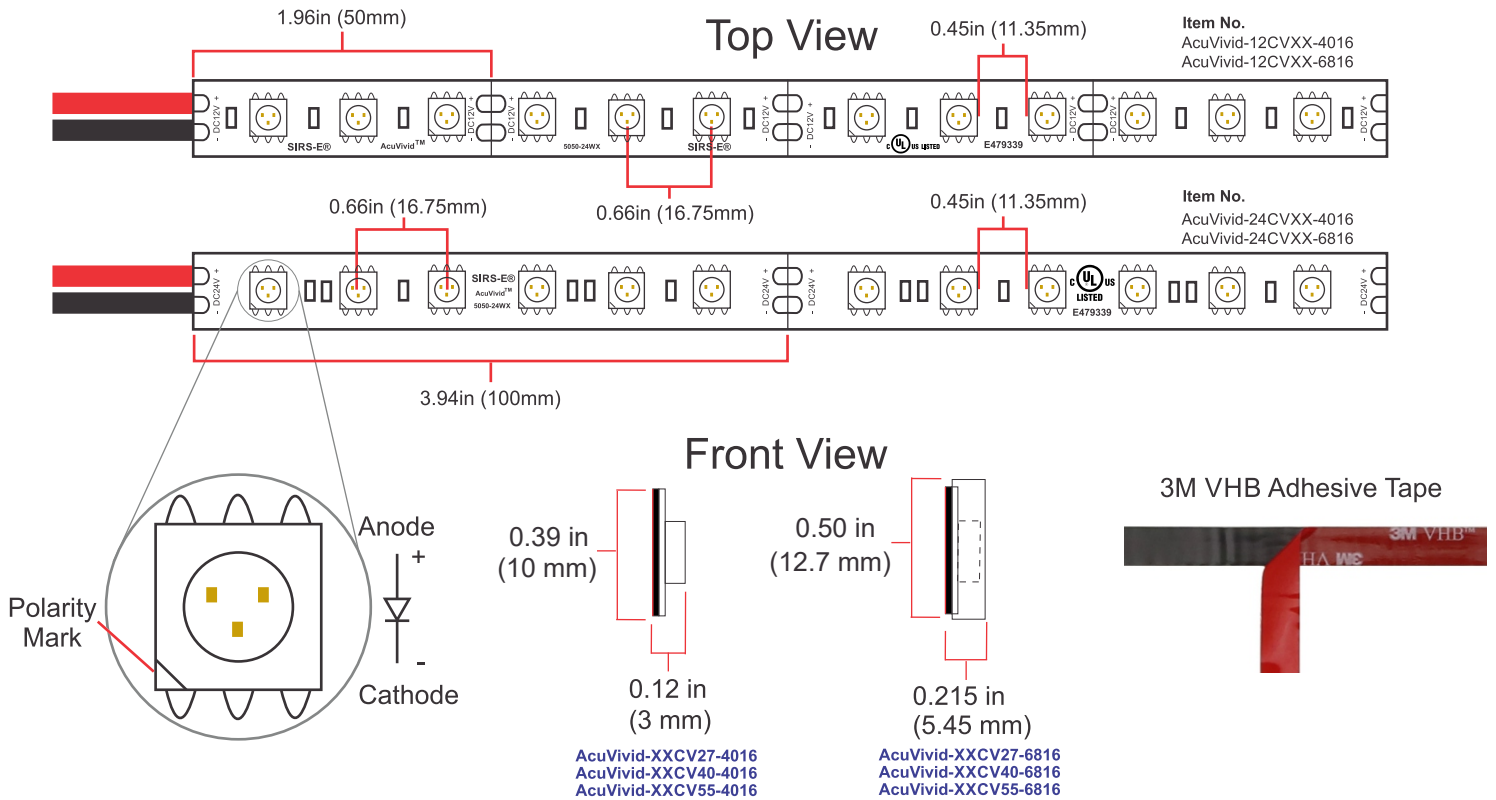
¹ Voltage - AcuVivid™ 12V White LED Strips are Special Order only.
² CCT - Correlated Color Temperature, represented by the first 2 digits of the nominal CCT.

Product Country of Origin

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

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
²30 - White 3000 K
²35 - White 3500 K
²40 - White 4000 K
²55 - White 5500 K

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

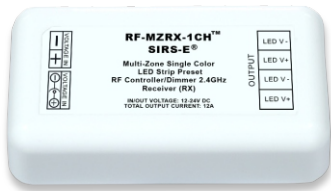
This list shows some of our most sellable accessories compatible for this product. For a complete list, please visit our website.



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



Magnitude Dimmable PSUs
PS12V60W-DIM
PS24V96W-DIM



SIRS-E RF Controllers
RF-MZR-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 in 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 efficacy) 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.

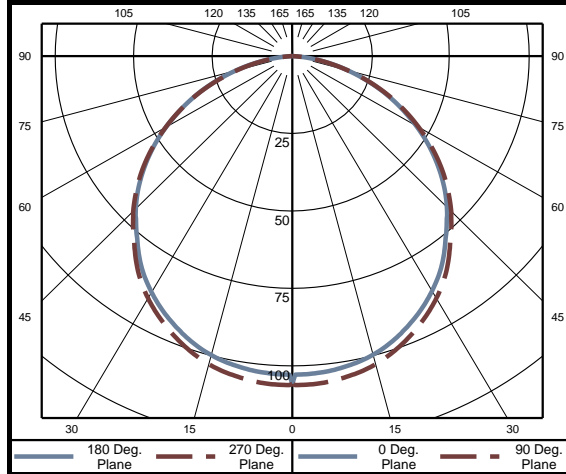


SIRS Electronics Inc
 Catalog Number
ACUVIVID-24CV27-4016



Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.8 °C	24.01 VDC	0.1711 A	4.107 W	N/A	N/A	N/A

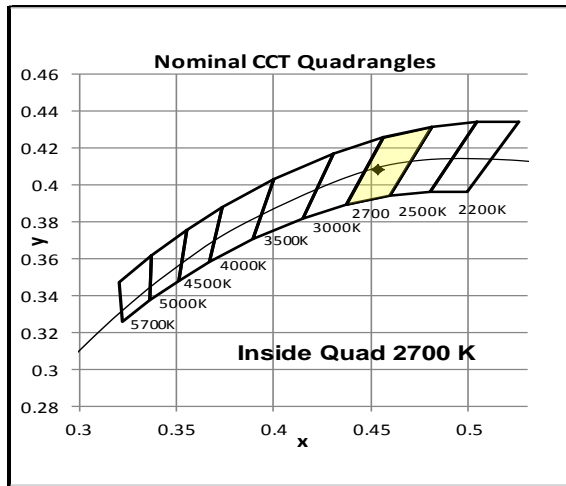
Summary of Results	
Total Lumen Output	315.1 Lumens
Luminaire Efficacy	77.4 lm/w
Maximum Candela	107 Candela
CCT	2769 K
CRI	95.9
Duv	0.0005
TM-30 Rf	90.8
TM-30 Rg	97.4



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	106	
5	106	10
10	104	
15	102	29
20	100	
25	95	44
30	91	
35	85	53
40	78	
45	71	55
50	64	
55	56	50
60	47	
65	38	37
70	28	
75	19	20
80	10	
85	3	4
90	0	

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	83	27.5%
0-40	136	45.0%
0-60	241	79.7%
0-90	302	100.0%
40-90	166	55.0%
60-90	62	20.3%
90-180	0	0.0%
0-180	302	100.0%

Spacing Criteria	
0-180	1.24
90-270	1.24



Color Rendering Index Details	
Ra (CRI)	95.9
R1	98
R2	99.3
R3	98.5
R4	96.1
R5	97.3
R6	96.3
R7	93.2
R8	88.8
R9	77.7
R10	99.8
R11	98.4
R12	84.6
R13	99.2
R14	99.6

Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	27930
45	25780
55	24790
65	22800
75	18950
85	9511



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	6.62	5.09
6.00	2.94	7.64
8.00	1.65	10.2
10.0	1.06	12.7
12.0	0.735	15.3
14.0	0.540	17.8
16.0	0.413	20.4

Chromaticity Coordinates	
Chromaticity (x)	0.4536
Chromaticity (y)	0.4082
Chromaticity (u)	0.2595
Chromaticity (v)	0.3503
Chromaticity (u')	0.2595
Chromaticity (v')	0.5255
Duv	0.0005

Testing was performed in accordance with LM-79-08
 The results contained in this summary pertain only to report #11714176.20



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-24CV27-4016

Order Number
11714176
Test Number
11714176.20

Test Date

2017-04-10 - 2017-04-13

Prepared By

Kevin Rodriguez, 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

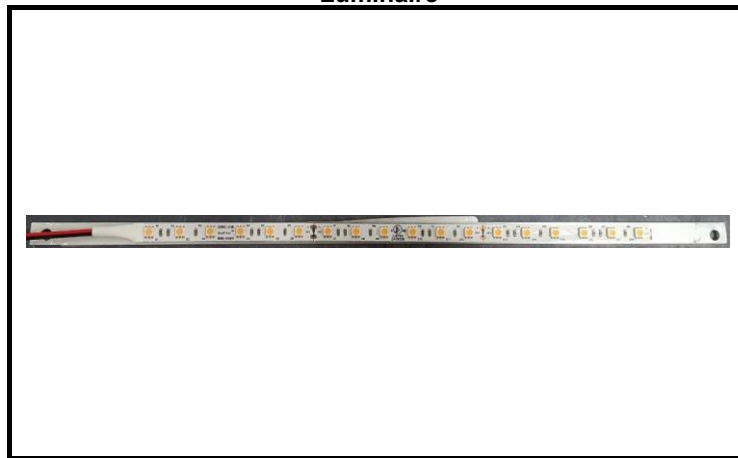
Laboratory results may not be representative of field performance
Ballast factors have not been applied

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: 315 Lumens
Efficacy: 77.4 lm/w
CCT: 2769 K
CRI (Ra): 95.9

Distribution

Total Luminaire Output: 302.4 Lumens
Luminaire Efficacy: 73.6 lm/w
Maximum Candela: 107 Candela

Electrical Data at 24 VDC

Test Temperature: 24.6 °C
Voltage: 23.99 VDC
Current: 0.1696 A
Power: 4.070 W



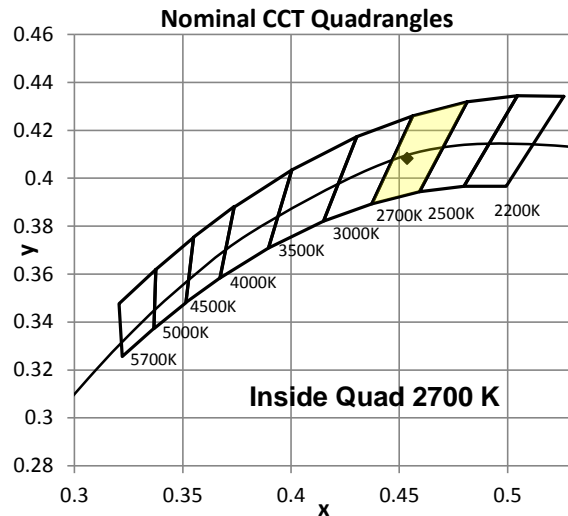
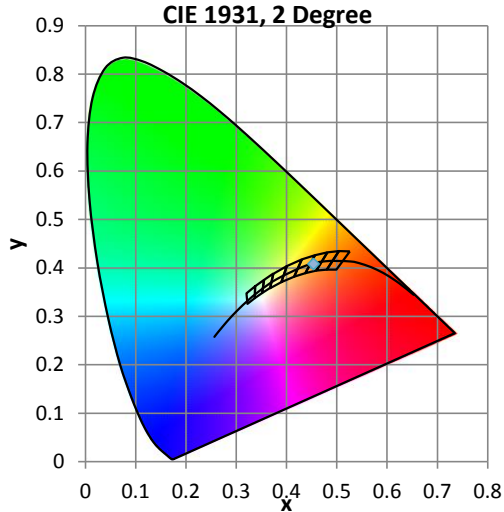
Color Quality - Integrating Sphere

Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.6 °C	23.99 VDC	0.1696 A	4.070 W	N/A	N/A	N/A

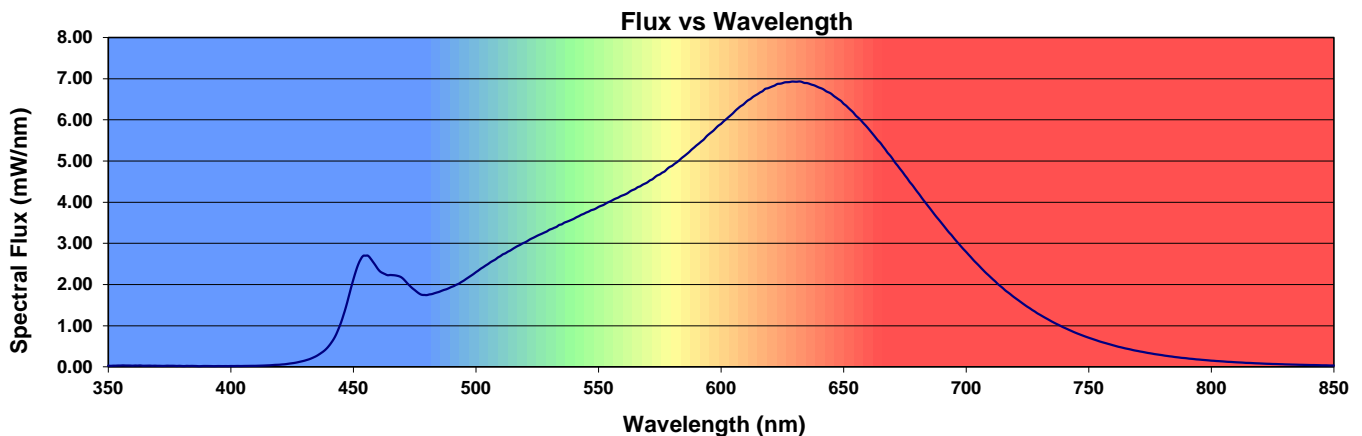
Summary of Results

Total Output:	315 Lumens	Chromaticity (x):	0.4536
Efficacy:	77.4 lm/w	Chromaticity (y):	0.4082
CCT:	2769 K	Chromaticity (u'):	0.2595
CRI (Ra):	95.9	Chromaticity (v'):	0.5255
CRI (R9):	77.7	TM-30 R_f:	90.8
Peak Wavelength:	631.3 nm	TM-30 R_g:	97.4
Dominant Wavelength:	584 nm	Duv:	0.0005
S/P Ratio:	1.373		



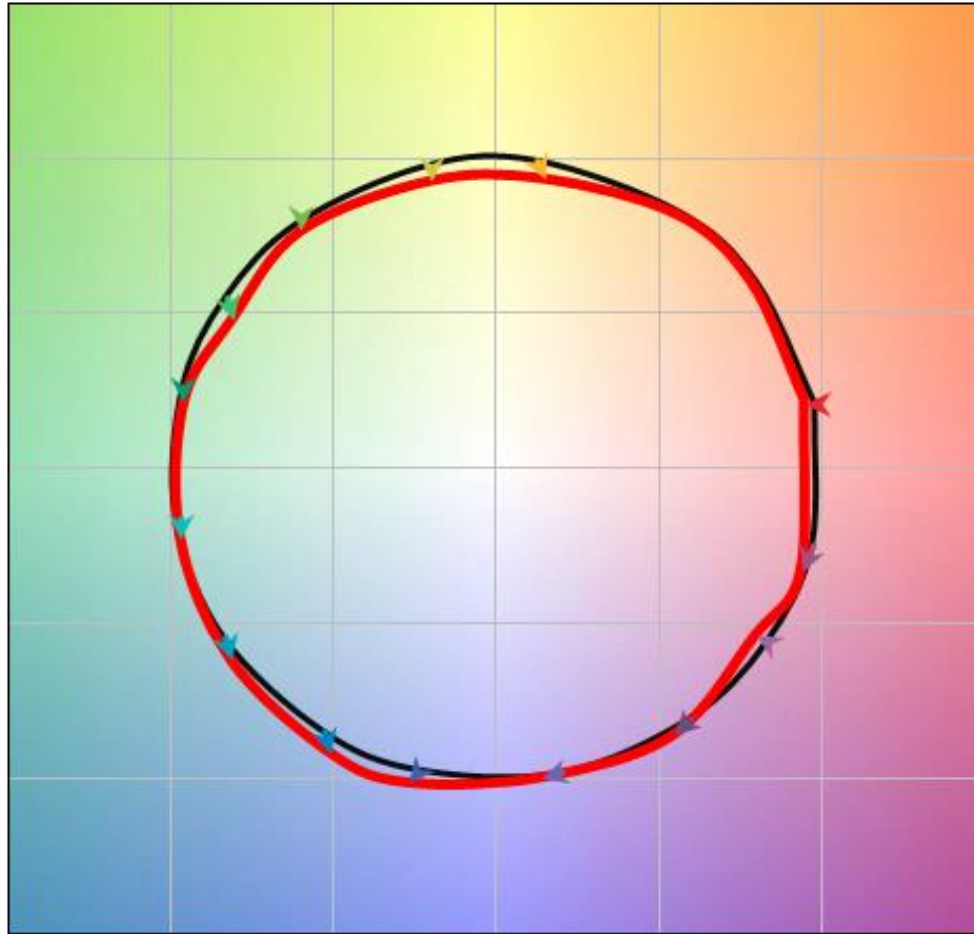
Color Rendering Index Detail

Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
95.9	98.0	99.3	98.5	96.1	97.3	96.3	93.2	88.8	77.7	99.8	98.4	84.6	99.2	99.6





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	11	23.44	5.67	24.24	5.35	1.181	0.21	-0.03	0.01	0.98	0.21	0.95	0.22	91	-3%
2	7	20.31	15.10	20.70	15.13	0.686	0.65	-0.02	0.00	0.80	0.60	0.78	0.60	95	-1%
3	6	14.70	22.55	14.93	22.73	0.512	0.97	-0.01	-0.01	0.56	0.83	0.55	0.82	96	-1%
4	11	3.19	18.96	2.74	20.14	1.307	1.45	0.02	-0.06	0.12	0.99	0.15	0.93	90	-5%
5	8	-2.72	15.69	-2.90	16.51	0.902	1.78	0.01	-0.05	-0.21	0.98	-0.20	0.93	93	-5%
6	6	-12.71	15.87	-12.82	16.47	0.711	2.22	0.01	-0.03	-0.61	0.79	-0.60	0.77	95	-3%
7	2	-18.51	10.94	-18.98	12.55	1.687	2.56	0.02	-0.07	-0.83	0.55	-0.81	0.48	87	-6%
8	4	-21.30	4.26	-21.41	5.13	0.895	2.88	0.01	-0.04	-0.97	0.26	-0.96	0.22	93	-1%
9	6	-23.65	-5.58	-24.01	-4.06	1.575	-2.98	0.01	-0.06	-0.99	-0.16	-0.97	-0.22	88	0%
10	8	-16.94	-13.10	-17.45	-11.54	1.671	-2.57	0.02	-0.07	-0.84	-0.54	-0.82	-0.62	87	2%
11	7	-10.13	-17.36	-10.56	-16.03	1.401	-2.13	0.02	-0.07	-0.53	-0.85	-0.51	-0.91	89	5%
12	5	-6.92	-22.11	-6.18	-21.21	1.288	-1.82	-0.03	-0.04	-0.24	-0.97	-0.28	-1.01	90	5%
13	4	2.46	-18.12	3.67	-17.84	1.302	-1.37	-0.07	-0.02	0.20	-0.98	0.13	-1.00	90	0%
14	4	9.01	-14.66	9.93	-13.72	1.472	-0.93	-0.05	-0.06	0.59	-0.80	0.54	-0.86	89	2%
15	3	18.45	-12.47	19.27	-12.96	1.344	-0.59	-0.04	0.02	0.83	-0.56	0.79	-0.54	90	-4%
16	7	16.63	-5.37	17.23	-3.95	1.808	-0.25	-0.03	-0.08	0.97	-0.25	0.93	-0.33	86	-2%



Distribution - Goniophotometer

Distribution Test Conditions

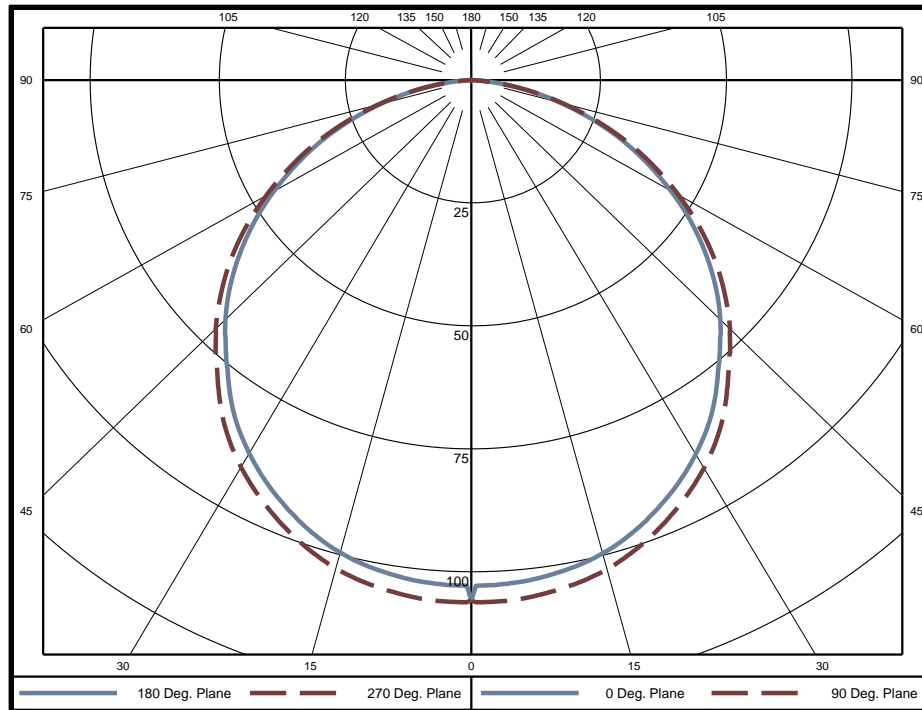
Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.8 °C	24.01 VDC	0.1711 A	4.107 W	N/A	N/A	N/A

Summary of Results

Spacing Criteria
 0-180: 1.24
 90-270: 1.24

Total Lumen Output: 302.4 Lumens
Luminaire Efficacy: 73.6 lm/w
Maximum Candela: 107 Candela

Polar Plot



Zonal Lumen Summary

Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	2.53	0.8%	60-65	20.55	6.8%	120-125	0	0.0%
5-10	7.51	2.5%	65-70	16.75	5.5%	125-130	0	0.0%
10-15	12.29	4.1%	70-75	12.36	4.1%	130-135	0	0.0%
15-20	16.66	5.5%	75-80	7.80	2.6%	135-140	0	0.0%
20-25	20.45	6.8%	80-85	3.56	1.2%	140-145	0	0.0%
25-30	23.58	7.8%	85-90	0.51	0.2%	145-150	0	0.0%
30-35	25.91	8.6%	90-95	0	0.0%	150-155	0	0.0%
35-40	27.21	9.0%	95-100	0	0.0%	155-160	0	0.0%
40-45	27.63	9.1%	100-105	0	0.0%	160-165	0	0.0%
45-50	27.36	9.0%	105-110	0	0.0%	165-170	0	0.0%
50-55	26.03	8.6%	110-115	0	0.0%	170-175	0	0.0%
55-60	23.71	7.8%	115-120	0	0.0%	175-180	0	0.0%

Zone	Lumens	% of Luminaire
0-40	136	45.0%
0-60	241	79.7%
0-90	302	100.0%
90-180	0	0.0%



Candela Tabulation
Horizontal Angle (Degrees)

Vertical Angle (Degrees)	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	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9
5	102.5	105.1	106.4	106.4	106.0	106.4	106.4	105.1	102.5	105.1	106.4	106.4	106.0	106.4	106.4	105.1
10	101.5	104.1	105.3	105.3	104.8	105.3	105.3	104.1	101.5	104.1	105.3	105.3	104.8	105.3	105.3	104.1
15	99.6	102.3	103.4	103.4	103.0	103.4	103.4	102.3	99.6	102.3	103.4	103.4	103.0	103.4	103.4	102.3
20	96.6	99.3	100.2	100.2	99.8	100.2	100.2	99.3	96.6	99.3	100.2	100.2	99.8	100.2	100.2	99.3
25	92.7	95.4	96.2	96.2	95.8	96.2	96.2	95.4	92.7	95.4	96.2	96.2	95.8	96.2	96.2	95.4
30	88.0	90.8	91.4	91.4	91.1	91.4	91.4	90.8	88.0	90.8	91.4	91.4	91.1	91.4	91.4	90.8
35	82.4	85.2	85.6	85.7	85.4	85.7	85.6	85.2	82.4	85.2	85.6	85.7	85.4	85.7	85.6	85.2
40	75.6	78.2	78.4	78.5	78.3	78.5	78.4	78.2	75.6	78.2	78.4	78.5	78.3	78.5	78.4	78.2
45	69.1	71.7	71.8	71.7	71.7	71.7	71.8	71.7	69.1	71.7	71.8	71.7	71.7	71.7	71.8	71.7
50	61.9	64.3	64.3	64.2	64.1	64.2	64.3	64.3	61.9	64.3	64.3	64.2	64.1	64.2	64.3	64.3
55	53.9	56.1	56.1	55.9	55.9	55.9	56.1	56.1	53.9	56.1	56.1	55.9	55.9	55.9	56.1	56.1
60	45.3	47.1	47.1	47.0	47.0	47.0	47.1	47.1	45.3	47.1	47.1	47.0	47.0	47.0	47.1	47.1
65	36.5	38.0	37.9	37.8	37.9	37.8	37.9	38.0	36.5	38.0	37.9	37.8	37.9	37.8	37.9	38.0
70	27.6	28.6	28.5	28.4	28.4	28.4	28.5	28.6	27.6	28.6	28.5	28.4	28.4	28.4	28.5	28.6
75	18.6	19.2	19.1	18.9	19.0	18.9	19.1	19.2	18.6	19.2	19.1	18.9	19.0	18.9	19.1	19.2
80	10.3	10.5	10.4	10.2	10.2	10.2	10.4	10.5	10.3	10.5	10.4	10.2	10.2	10.2	10.4	10.5
85	3.1	3.3	3.2	3.0	2.9	3.0	3.2	3.3	3.1	3.3	3.2	3.0	2.9	3.0	3.2	3.3
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)

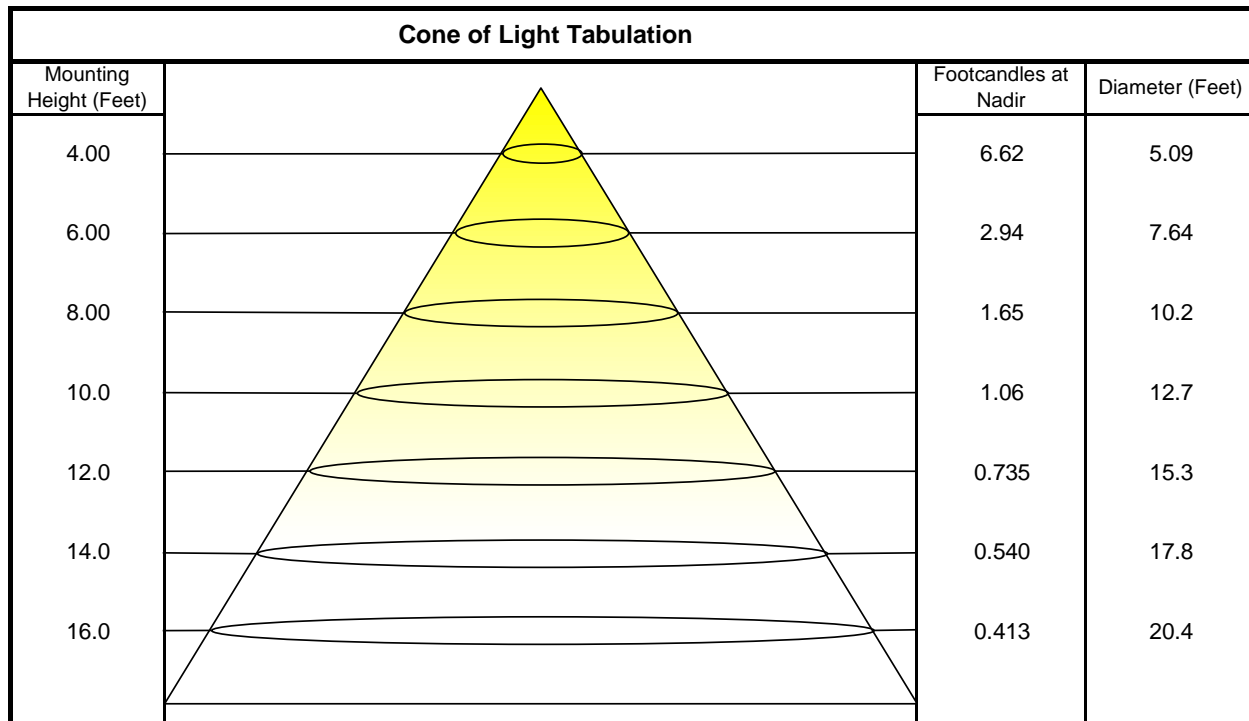
Vertical Angle (Degrees)	Horizontal Angle (Degrees)		
	0	45	90
0	27930	27930	27930
45	25780	26800	26750
55	24790	25780	25720
65	22800	23680	23640
75	18950	19480	19340
85	9511	9602	8796



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	360	360	360	360	352	352	352	352	336	336	336	322	322	322	309	309	309	302
1	329	315	302	291	321	308	297	286	296	286	277	284	276	269	273	267	261	254
2	300	275	254	237	292	269	250	234	258	242	229	248	235	223	239	228	218	212
3	273	241	217	197	265	236	214	195	227	208	192	219	202	188	211	197	185	178
4	250	214	187	167	243	209	185	165	202	180	163	195	176	161	188	172	159	152
5	230	191	163	143	223	187	162	143	181	158	141	175	155	139	169	152	138	131
6	212	172	144	125	206	169	143	124	163	140	123	158	138	122	153	135	121	115
7	196	155	129	110	191	153	128	110	148	126	109	144	123	108	140	121	107	101
8	183	142	116	98	178	140	115	98	136	113	97	132	112	97	128	110	96	90
9	171	130	105	88	166	128	104	88	125	103	88	122	102	87	118	100	87	81
10	160	120	96	80	156	118	95	80	115	94	79	113	93	79	110	92	79	73

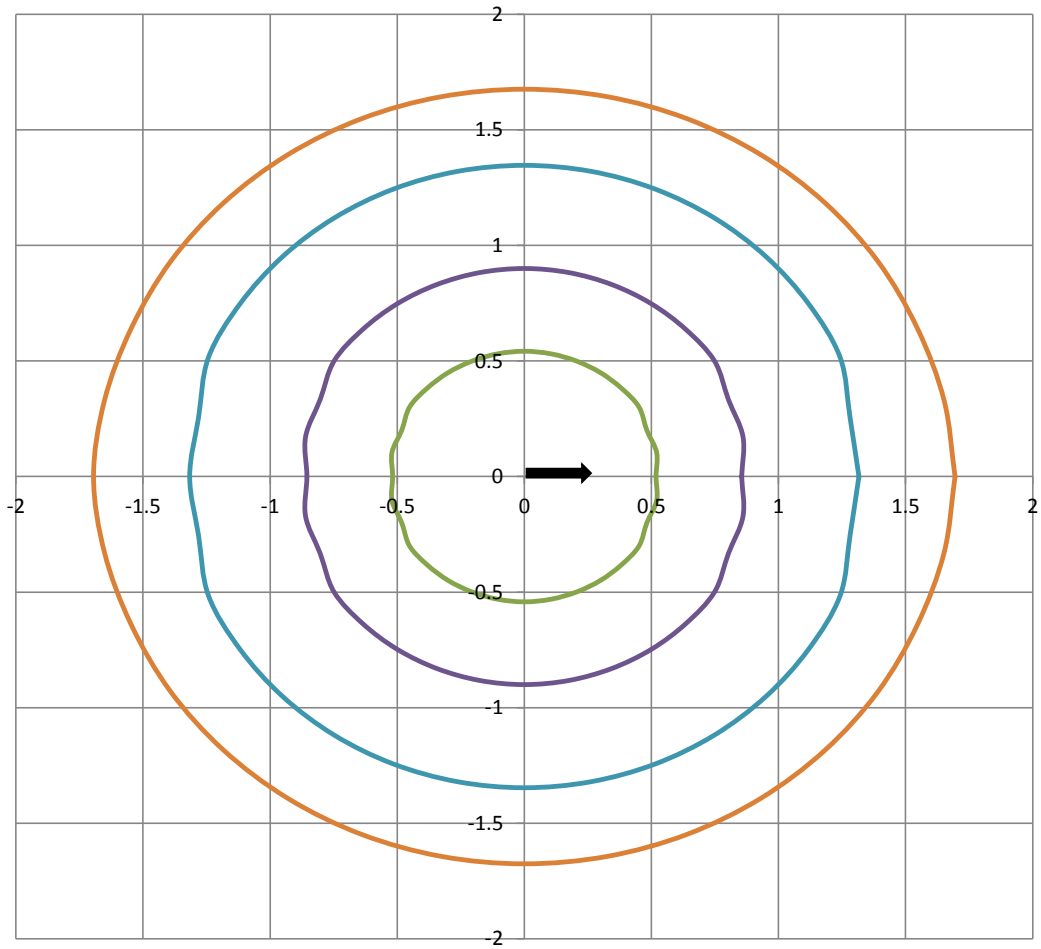
Beam and Field Information	
CIE Type:	Direct
Center Beam Intensity:	105.9 Candela
Central Cone Intensity:	106 Candela
Beam Flux:	225.0 Lumens
Beam Angle (0-180):	111.2 Degrees
Beam Angle (90-270):	113.4 Degrees
Field Angle (0-180):	159.6 Degrees
Field Angle (90-270):	159.6 Degrees





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
3307 West Street
Rosenberg, TX 77471 USA

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

LOW-VOLTAGE LIGHTING SYSTEMS, POWER UNITS,
LUMINAIRES AND FITTINGS
See addendum for models.

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

Additional Information: UL 2108, Low Voltage Lighting Systems
CSA C22.2 NO. 9.0, Luminaires
See the UL Online Certifications Directory at

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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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.

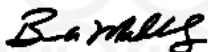
Low voltage luminaires, LED strip lights, models 5050-LED-RGB, 5050-LED-4RGBXX-72 where XX is A, WH or WW, 5050-LED-WH, -WW, -CW; may be followed additional alphanumeric characters.

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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