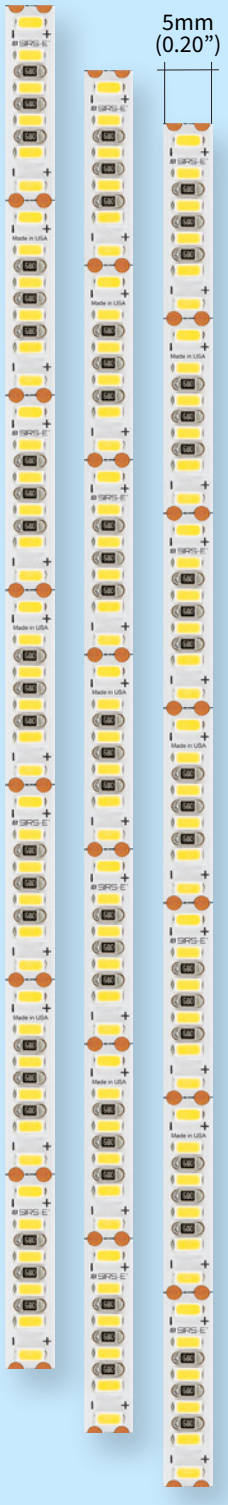
Flexible 5mm White Plus LED Strip - 24V

Utilizing the SIRS-E® **AcuFit™** LED Tape, you can achieve **Accurate** and **Vivid** Colors that **Fit** everywhere.

Made in the USA, only **5mm (0.2 inches) in width, it has a fixed 300 LED per meter** density and variable power setting. The new SIRS-E® **AcuFit™** is the first LED tape designed and manufactured in America from the ground up for Americans to serve our daily applications better. The high-density 300 LED/m strip produces a dot-free' glow that can diffuse perfectly close to any lens.



Comprehensive CCT Selections:

Ranging from **2200K to 6500K**, We have 9 nominal color temperature values of 2200K, 2500K, 2700K, 3000K, 3500K, 4000K, 5000K, 5700K, 6500K.

Many Power Settings Available:

Ranging from **1 Watt per Foot** (1 W/ft) to **5 Watt per Foot** (5 W/ft).

Maximum LED Tape Run (Max Run):

It may go from **1 to 30 Meters (4 feet to 60 feet)** with minimal voltage drop.

Segment Cuttable:

Every **20mm (0.79 inches)** per segment this way allows you to be closer to fit your custom length.

Very High CRI and Extended CRI:

R1-R8, +97 CRI, R9-R15 +97, therefore superb objects color rendering and skin tone. (6500K only R1-R8, +91 CRI, R9-R15 +91)

High Television Lighting Consistensy Index (TLCI):

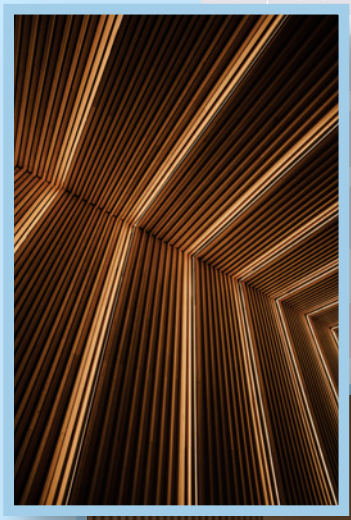
TLCI (Qa)+98.5 of 100. TLCI provides a way to quantify superior, electronic camera-friendly illumination sources in the same way CRI can provide a metric of an exceptional human visual system-friendly illumination.

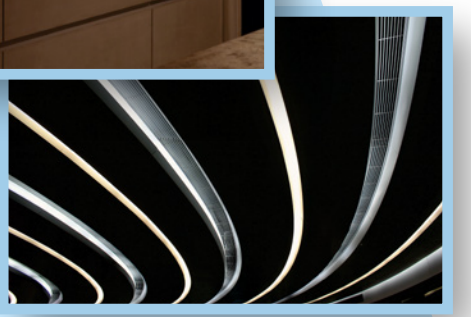
High Color Quality Scale(CQS):

CQS-Qa 98 of 100. CQS is a new light source quality parameter developed by the National Institute of Standards and Technology (NIST) for the new solid-state lighting markets.

MADE IN USA

c UL us
UL E479339





- **Made in USA**
- **Top Quality**
- **15 Year Limited Warranty**

Delivering **proven LED strip lighting** with no electrical, chromatic, or color rendering issues. Our unwavering **focus on stability, efficiency, and performance** sets the benchmark in linear LED and lighting control solutions.

V091826
DOCUMENT TYPE: BROCHURE

3307 West Street Rosenberg, TX 77471 USA - (281) 324-0908

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AF300-24VXXK-500-XXXX

Description

The **AcuVivid-Fit™ White LED Strip** lets you create an **unlimited professional lighting design with high-quality components plus high density**. The minimal **5mm board** width allows the user to **install nearly any area** and helps reduce the cost of other accessories. The AcuVivid-Fit™ have a range of **temperatures from 2200K to 6500K**, and **power options from 1W/ft to 5W/ft**.

MADE IN USA

c UL us
UL E479339

Product Specifications

Input Voltage	24V DC	Cuttable Segments	0.79 in (20 mm)
Limiting Control Method	CV - Constant Voltage	Segment Width	0.20 in (5 mm)
LED Chip Type	High Quality 3014 LED Chip	Luminous Flux Maintanace	75,000 hrs[1]
LED Density	90 LEDs/ft / 300 LEDs/m	Mounting	Non-Porous: 3M VHB Adhesive Mounting Tape
Board Type/Color	4 oz Density Copper, White PCB	Environmental	IP 40 (Indoor - Dry) / IP 68 (Damp - Wet)
Beam Angle	120°	Warranty	15 Year Limited
Operation Temperature	-20°F to 120° F	Power Consumption	Based on Power / ft
Product Weight IP 40 / IP 68	Based on Power / ft	Certifications	c UL us UL E479339

NVLAP Electrical Photometrics[2]

Nominal CCT (K)	Luminous Flux (lm/ft)	Luminous Efficacy (lm/W)	CIE (x,y)	Duv1	CRI	TM-30-15	
						Fidelity (Rf)	Gamut (Rg)
2200 K	419	67.0	(0.5066, 0.4080)	-0.0022	93.9	92	99
2500 K	481	76.2	(0.4708, 0.4075)	-0.0018	95.0	93	98
2700 K	494	79.0	(0.4531, 0.4064)	-0.0010	97.8	95	100
3000 K	532	85.6	(0.4255, 0.4009)	+0.0005	96.8	93	98
3500 K	520	81.8	(0.4043, 0.3827)	-0.0033	94.0	90	97
4000 K	510	82.5	(0.3778, 0.3703)	-0.0023	97.1	93	100
5000 K	529	85.9	(0.3398, 0.5502)	+0.0014	97.5	94	100
5700 K	534	85.3	(0.3262, 0.3349)	-0.0003	93.6	90	99
6500 K	559	88.8	(0.3068, 0.3190)	+0.0011	92.2	86	95

1 - After 75,000 hrs: 30% Luminous Flux loss, 10% Chromaticity change, as per L-80-15.
2 - Photometric values obtained from NVLAP test report for 5W/ft strips.

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Ordering Guide

Strip Line	Voltage[1] & Kelvin[2]	lm/ft	IP Rating	Length (ft)	Custom Info[4]
AF300	24V22K	500[3]	40	16	
	25			50	
	27			100	
	30				
	35				
	40				
	50				
	57				
	65				

Product Country of Origin

Product Engineering & Design	USA
Assembled	USA
Quality Control	USA
Product Customization	USA
Technical Support	USA

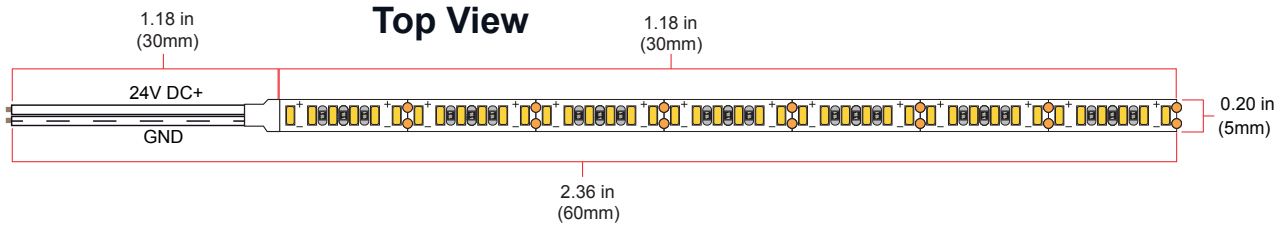
[1] Voltage - AcuVivid-Fit™ White LED Strips 24 V.

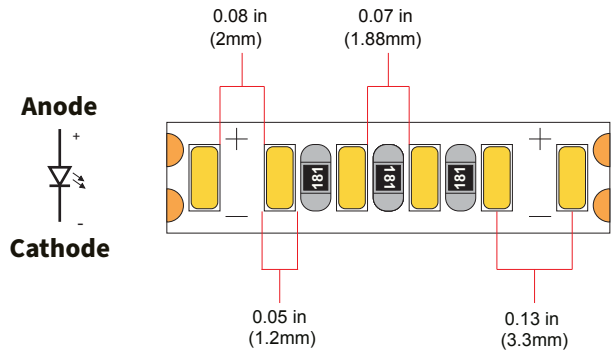
[2] CCT - Correlated Color Temperature, represented by the first 2 digits of the nominal CCT.

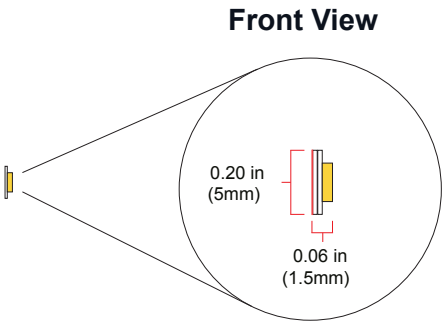
[3] Average

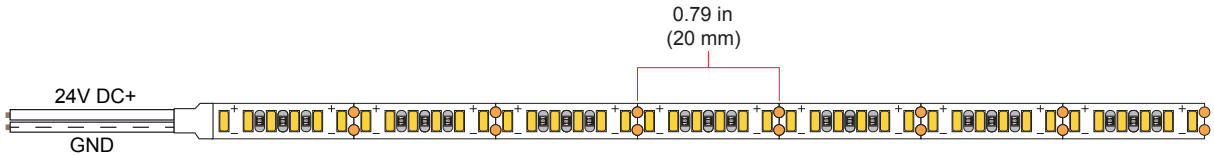
[4] Any customization needed

Mechanical Dimensions for 8 LEDs per Segment









Note: The AcuFit™ Strips are cuttable every 6 pixels. You need to cut at 0.79 in (20mm), represented where the solder joints are.

- 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.

V091826
DOCUMENT TYPE: DATASHEET

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Accessories Compatible

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

Meanwell 24V PSUs
LED-PS24V-90W-UL

Magnitude Dimmable PSUs
PS24V96W-DIM

SIRS-E® RF Controllers
RF-MZRX-RGBW

SIRS-E® DMX Controllers
DMX-CON3-C2

SE Aluminum Extrusion

SIRS-E® Single Color
Wire Leads

About Us

SIRS-E® LED LINEAR LIGHTING & DMX CONTROL

SIRS-E® { semiconductor • illumination • research • solutions }
In 2004, SIRS-E® began researching the use of high-powered LED components for direct lighting fixtures and LED strips.

In 2005, SIRS-E® developed the RGB HPL01 – a 12-watt lighting fixture with an efficiency of 60 lumens per watt, controlled via DMX and using LumiLEDs, one of the first high-powered LEDs later acquired by Philips. Early research efforts included the development and testing of various LED strips designed for direct RGB lighting and effects applications. This marked the beginning of what we now know as SIRS Electronics.

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

Photometric Test Report

Relevant Standards
IES LM-79-2008, ANSI C82.77-10-2014, CIE 13.3-1995
CIE 15-2004, ANSI C78.377-2017, IES TM-30-2018

Prepared For

SIRS Electronics Inc

3307 West St
Rosenberg, TX 77471

Catalog Number

ACUFIT-24CV22-05

Order Number
14709286
Test Number
14709286.01

Test Date

2023-03-09 - 2023-03-10

Prepared By

Derek Smarr, Senior Technician

Approved By

Jeffrey Lockner, Staff Engineer

The results contained in this report pertain only to the tested sample.
This report shall not be reproduced, except in full, without written approval of Underwriters Laboratories.
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.

Luminaire Description: Flexible tape light, no enclosure
Lamp: 90 white LEDs
Mounting: Surface
Ballast/Driver: One Cull Power SAW30-240-1200 R1 Power Supply

Luminaire

Luminaire Characteristics

Luminous Length:	11.75	in.
Luminous Width:	0.2500	in.

Summary of Results

Integrating Sphere

Luminous Flux:	419.3	Lumens
Efficacy:	67.03	lm/w
CCT:	2141	K
CRI (Ra):	93.9	

Distribution

Total Luminaire Output:	423.4 Lumens
Luminaire Efficacy:	67.7 lm/w
Maximum Candela:	149 Candela

Electrical Data at 120 VAC

Test Temperature:	24.0	°C
Voltage:	120.0	VAC
Current:	0.1358	A
Power:	6.256	W
Power Factor:	0.384	
Frequency:	60	Hz
Current THD:	237	%

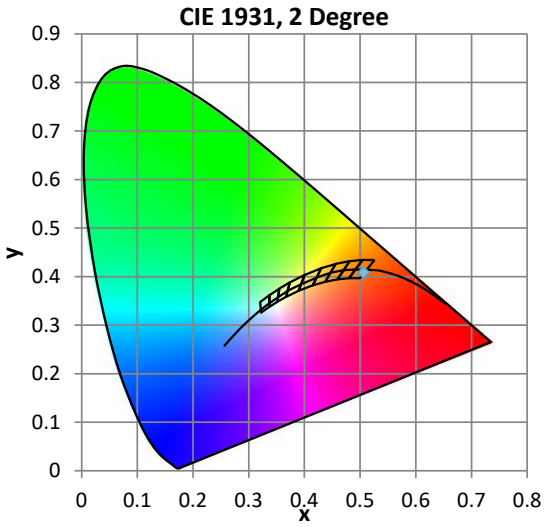
Color Quality - Integrating Sphere

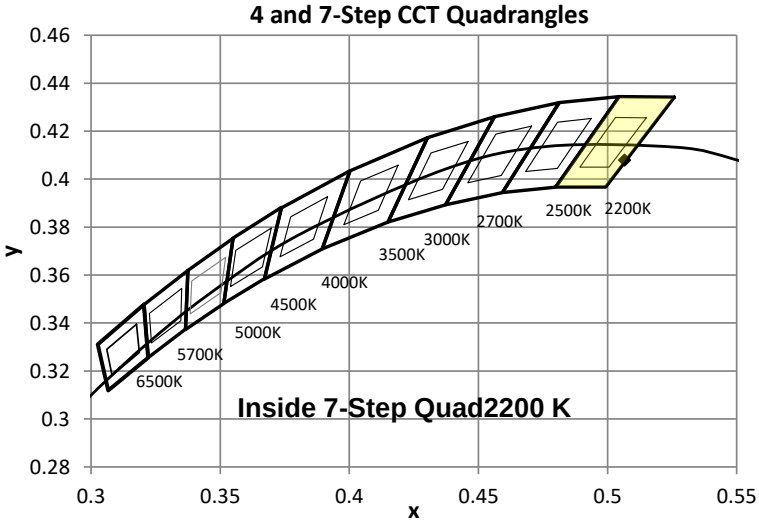
Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.0 °C	120.0 VAC	0.1358 A	6.256 W	0.384	60 Hz	237 %

Summary of Results

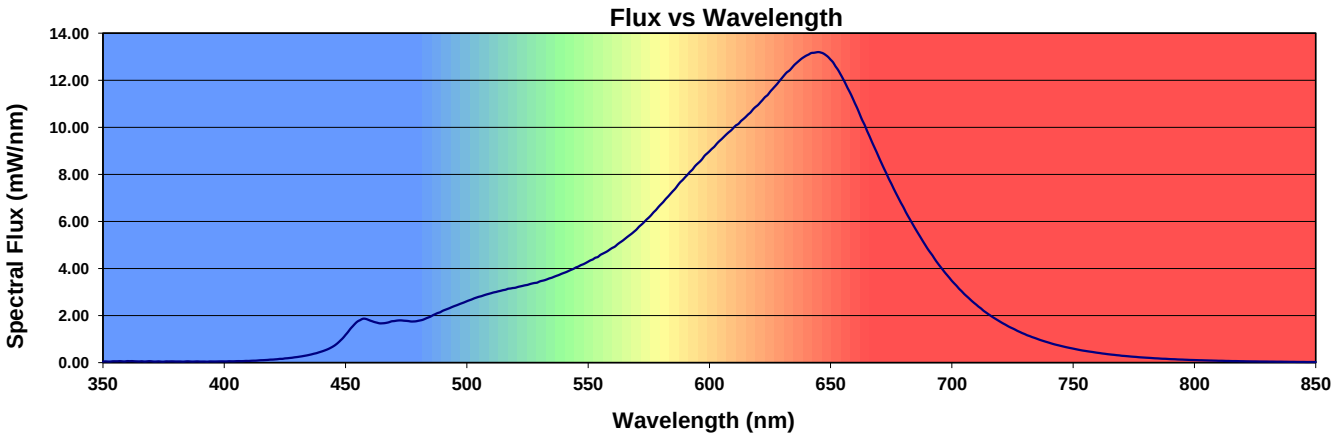
Total Output:	419	Lumens	**Chromaticity (x):**	0.5066
Efficacy:	67.0	lm/w	**Chromaticity (y):**	0.4080
CCT:	2141	K	**Chromaticity (u'):**	0.2944
CRI (Ra):	93.9		**Chromaticity (v'):**	0.5335
CRI (R9):	79.5		**TM-30 Rf:**	92
Peak Wavelength:	645	nm	**TM-30 Rg:**	99
Dominant Wavelength:	555	nm	**TM-30 Rcs,h1:**	-3%
S/P Ratio:	1.09		**Duv:**	-0.0022
M/P Ratio:	0.4	WELL Building Standard v2		





Color Rendering Index Detail

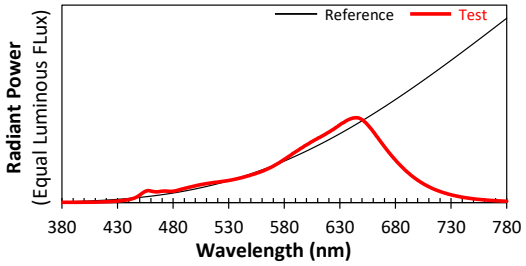
Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.9	99.3	96.1	93.4	98.7	97.2	88.7	90.3	87.5	79.5	90.9	94.3	77.6	98.2	97.4	95.2

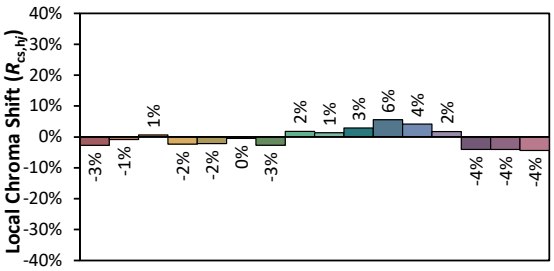


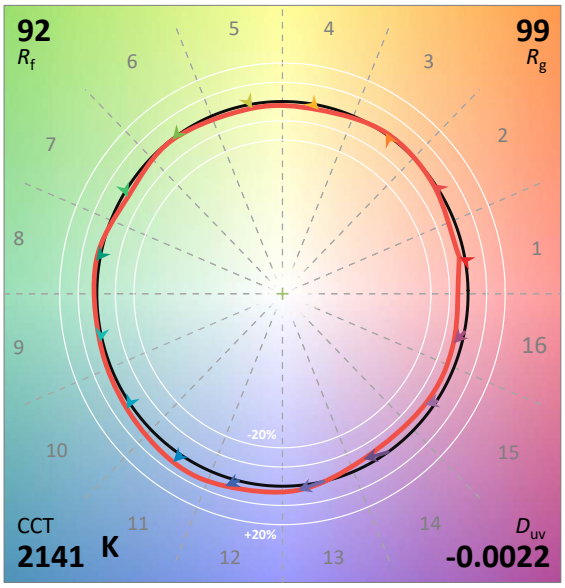
ANSI/IES TM-30-18 Color Rendition Report

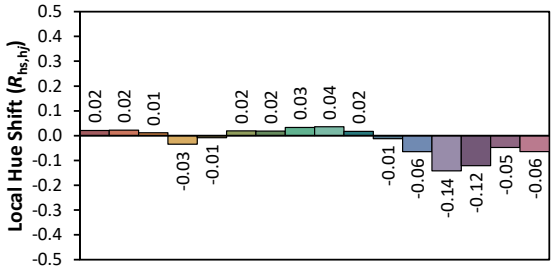
Date: 2023-03-10 Manufacturer: SIRS Electronics Inc

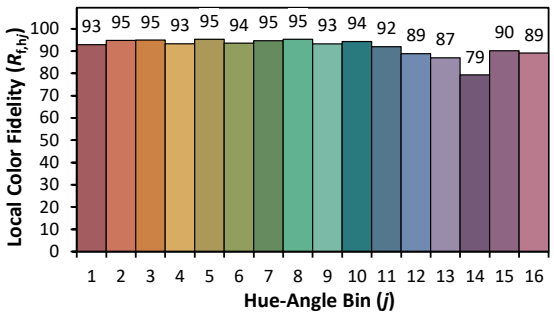
Model: ACUFIT-24CV22-05

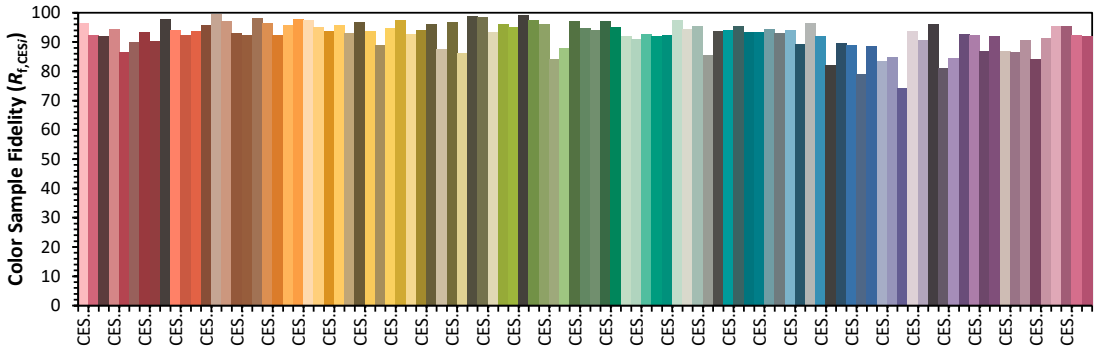












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	**0.5066**
y	**0.4080**
u'	**0.2944**
v'	**0.5335**

CIE 13.3-1995 (CRI)

R_a	94
R_9	80

Colors are for visual orientation purposes only. Created with the IES TM-30-18 Calculator Version 2.00.

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

Integrating Sphere Test Report

Relevant Standards
IES LM-79-2008, ANSI C82.77-10-2014, CIE 13.3-1995
CIE 15-2004, ANSI C78.377-2017, IES TM-30-2018

Prepared For

SIRS Electronics Inc

3307 West St
Rosenberg, TX 77471

Catalog Number

ACUFIT-24CV25-05

Order Number
14709286
Test Number
14709286.02

Test Date

2023-03-10

Prepared By

Derek Smarr, Senior Technician

Approved By

Jeffrey Lockner, Staff Engineer

The results contained in this report pertain only to the tested sample.
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Luminaire Description: Flexible tape light, no enclosure
Lamp: 90 white LEDs
Mounting: Surface
Ballast/Driver: One Cull Power SAW30-240-1200 R1 Power Supply

Luminaire

Summary of Results	
Radiant Flux:	1781 mW
Luminous Flux:	481.4 lm
Luminaire Efficacy:	76.2 lm/W
CCT:	2529 K
CRI (Ra):	95.0
Chromaticity (x):	0.4708
Chromaticity (y):	0.4075
Chromaticity (u):	0.2710
Chromaticity (v):	0.3519
Duv:	-0.0022

Test Conditions		
Test Temperature:	25.0	°C
Voltage:	120.0	VAC
Current:	0.1355	A
Power:	6.314	W
Power Factor:	0.388	
Frequency:	60	Hz
Current THD:	235	%

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

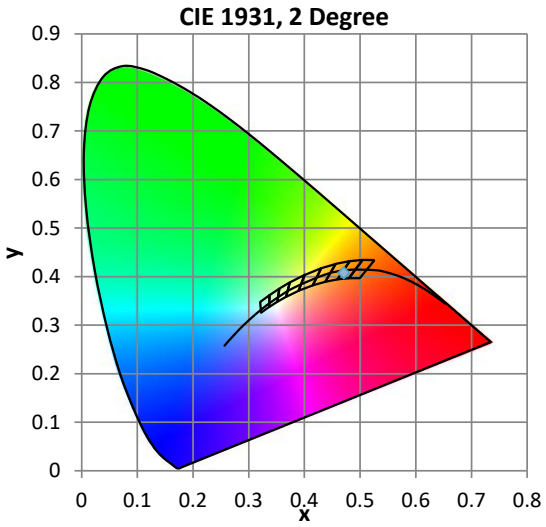
Color Quality - Integrating Sphere

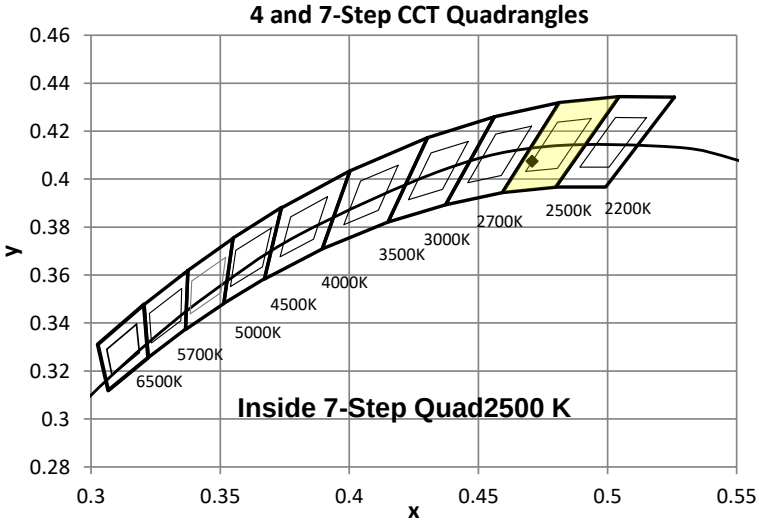
Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.0 °C	120.0 VAC	0.1355 A	6.314 W	0.388	60 Hz	235 %

Summary of Results

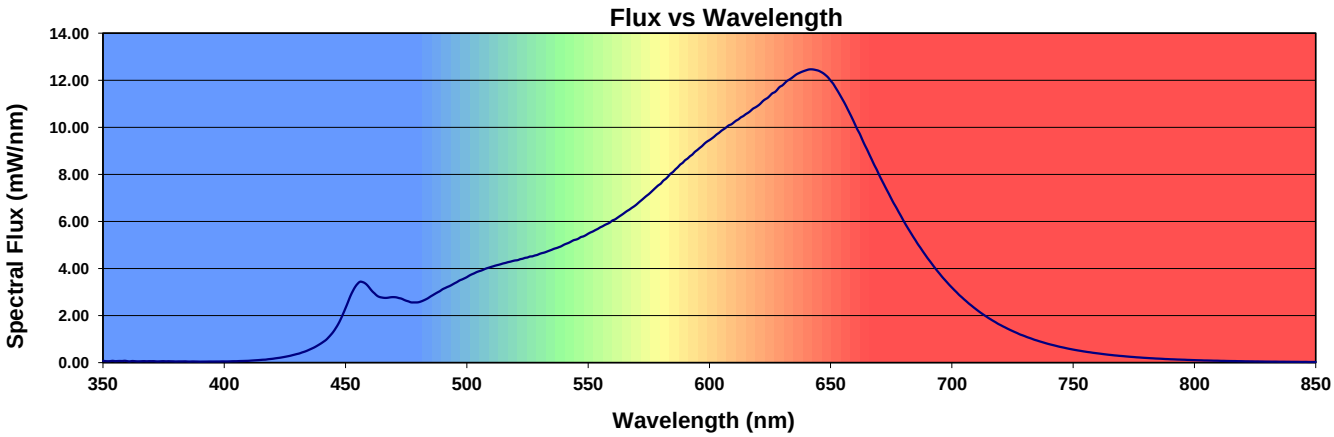
Total Output:	481	Lumens	**Chromaticity (x):**	0.4708
Efficacy:	76.2	lm/w	**Chromaticity (y):**	0.4075
CCT:	2529	K	**Chromaticity (u'):**	0.2710
CRI (Ra):	95.0		**Chromaticity (v'):**	0.5278
CRI (R9):	83.4		**TM-30 Rf:**	93
Peak Wavelength:	642	nm	**TM-30 Rg:**	98
Dominant Wavelength:	555	nm	**TM-30 Rcs,h1:**	-2%
S/P Ratio:	1.3		**Duv:**	-0.0018
M/P Ratio:	0.5	WELL Building Standard v2		





Color Rendering Index Detail

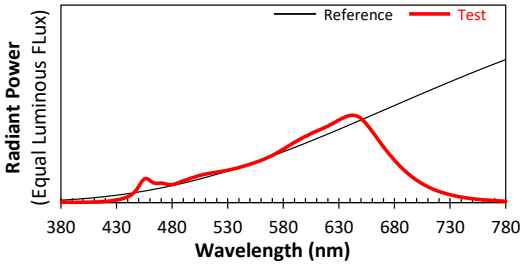
Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.0	99.1	96.7	95.0	98.1	97.6	91.4	92.2	90.1	83.4	92.7	96.3	84.0	98.2	98.1	96.6

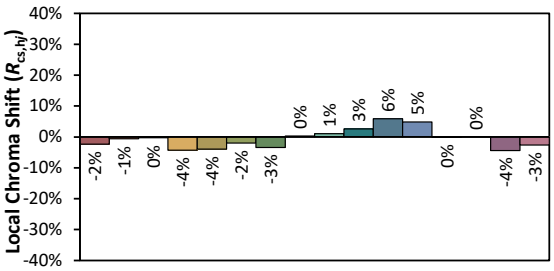


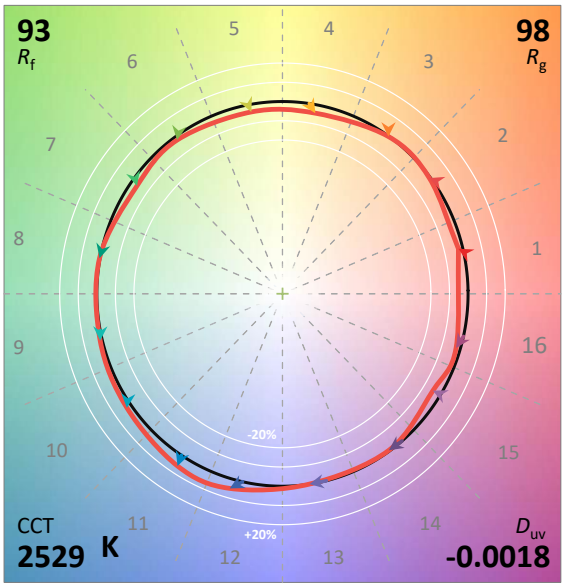
ANSI/IES TM-30-18 Color Rendition Report

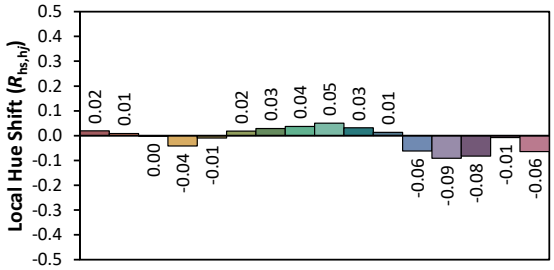
Date: 2023-03-10 Manufacturer: SIRS Electronics Inc

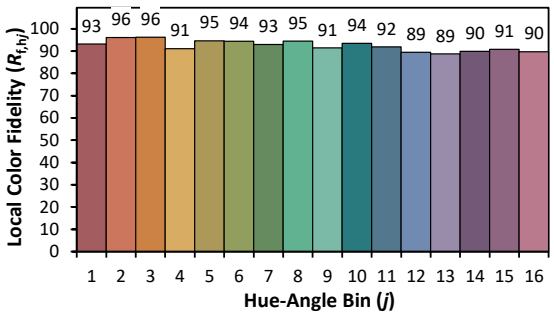
Model: ACUFIT-24CV25-05

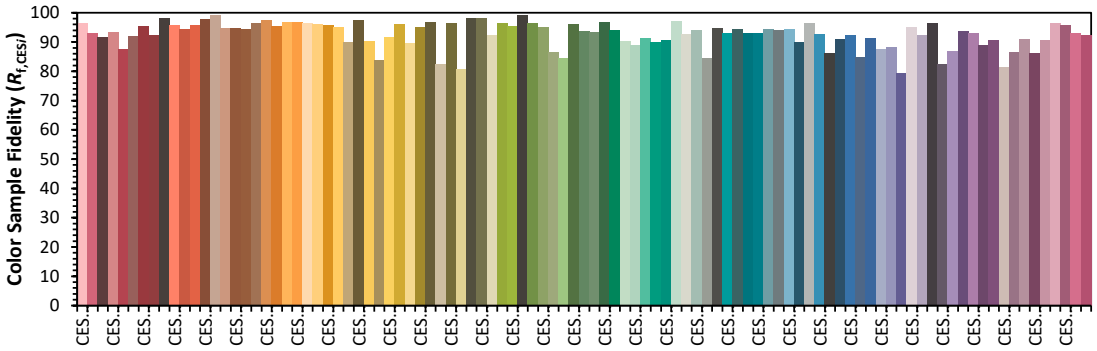












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	**0.4708**
y	**0.4075**
u'	**0.2710**
v'	**0.5278**

CIE 13.3-1995 (CRI)

R_a	95
R_9	83

Colors are for visual orientation purposes only. Created with the IES TM-30-18 Calculator Version 2.00.

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

Integrating Sphere Test Report

Relevant Standards
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CIE 15-2004, ANSI C78.377-2017, IES TM-30-2018

Prepared For

SIRS Electronics Inc

3307 West St
Rosenberg, TX 77471

Catalog Number

ACUFIT-24CV27-05

Order Number
14709286
Test Number
14709286.03

Test Date

2023-03-10

Prepared By

Derek Smarr, Senior Technician

Approved By

Jeffrey Lockner, Staff Engineer

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Luminaire Description: Flexible tape light, no enclosure
Lamp: 90 white LEDs
Mounting: Surface
Ballast/Driver: One Cull Power SAW30-240-1200 R1 Power Supply

Luminaire

Summary of Results	
Radiant Flux:	1808 mW
Luminous Flux:	493.6 lm
Luminaire Efficacy:	79.0 lm/W
CCT:	2763 K
CRI (Ra):	97.8
Chromaticity (x):	0.4531
Chromaticity (y):	0.4064
Chromaticity (u):	0.2600
Chromaticity (v):	0.3498
Duv:	-0.0011

Test Conditions		
Test Temperature:	25.0	°C
Voltage:	120.0	VAC
Current:	0.1342	A
Power:	6.247	W
Power Factor:	0.388	
Frequency:	60	Hz
Current THD:	235	%

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

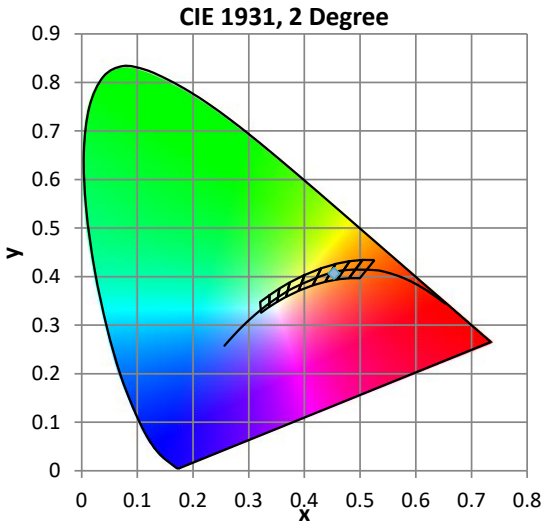
Color Quality - Integrating Sphere

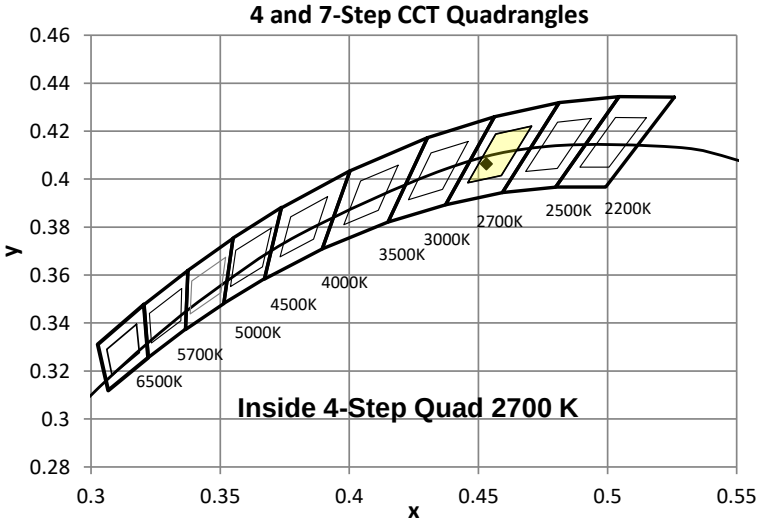
Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.0 °C	120.0 VAC	0.1342 A	6.247 W	0.388	60 Hz	235 %

Summary of Results

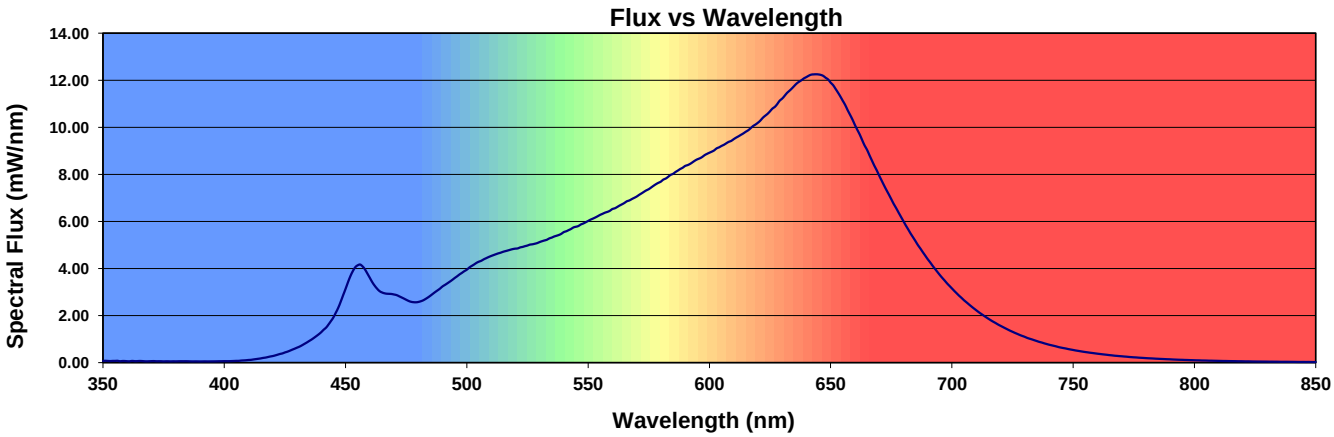
Total Output:	494	Lumens	**Chromaticity (x):**	0.4531
Efficacy:	79.0	lm/w	**Chromaticity (y):**	0.4064
CCT:	2763	K	**Chromaticity (u'):**	0.2600
CRI (Ra):	97.8		**Chromaticity (v'):**	0.5247
CRI (R9):	92.6		**TM-30 Rf:**	95
Peak Wavelength:	644	nm	**TM-30 Rg:**	100
Dominant Wavelength:	555	nm	**TM-30 Rcs,h1:**	-1%
S/P Ratio:	1.39		**Duv:**	-0.0010
M/P Ratio:	0.54	WELL Building Standard v2		





Color Rendering Index Detail

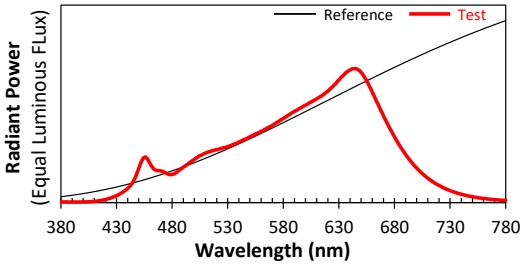
Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.3	98.6	99.1	99.3	98.6	95.7	96.1	95.6	92.6	97.2	96.9	88.9	99.0	99.3	98.2

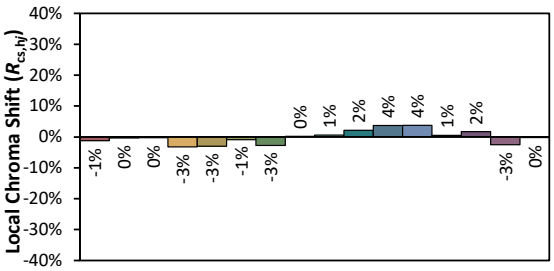


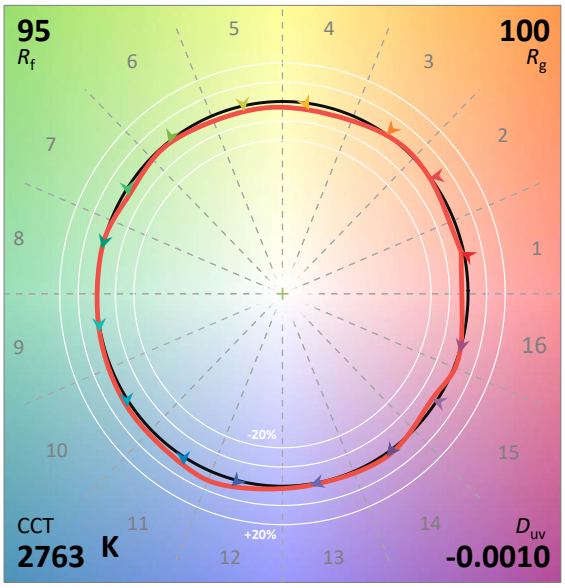
ANSI/IES TM-30-18 Color Rendition Report

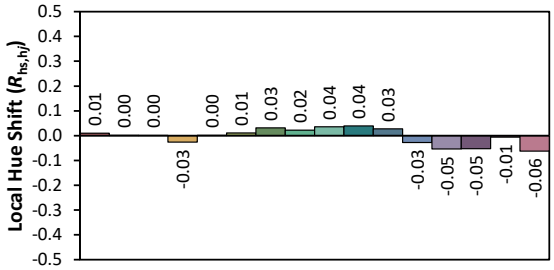
Date: 2023-03-10 Manufacturer: SIRS Electronics Inc

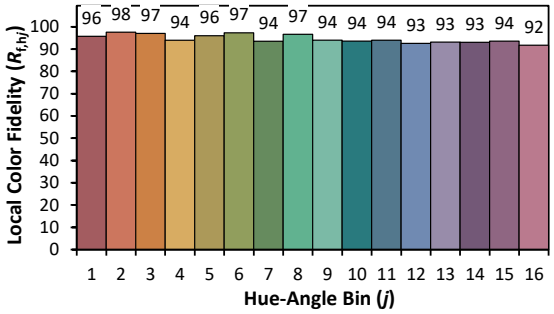
Model: ACUFIT-24CV27-05

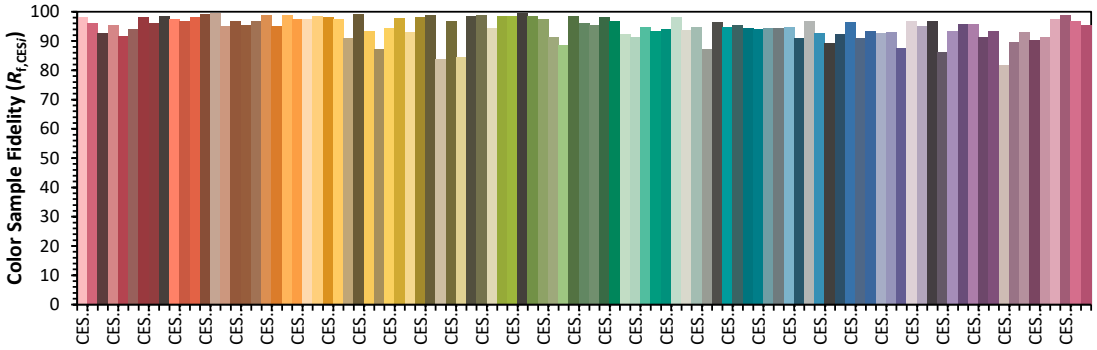












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	**0.4531**
y	**0.4064**
u'	**0.2600**
v'	**0.5247**

CIE 13.3-1995 (CRI)

R_a	98
R_9	93

Colors are for visual orientation purposes only. Created with the IES TM-30-18 Calculator Version 2.00.

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

Integrating Sphere Test Report

Relevant Standards
IES LM-79-2008, ANSI C82.77-10-2014, CIE 13.3-1995
CIE 15-2004, ANSI C78.377-2017, IES TM-30-2018

Prepared For

SIRS Electronics Inc

3307 West St
Rosenberg, TX 77471

Catalog Number

ACUFIT-24CV30-05

Order Number
14709286
Test Number
14709286.04

Test Date

2023-03-10

Prepared By

Derek Smarr, Senior Technician

Approved By

Jeffrey Lockner, Staff Engineer

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Luminaire Description: Flexible tape light, no enclosure
Lamp: 90 white LEDs
Mounting: Surface
Ballast/Driver: One Cull Power SAW30-240-1200 R1 Power Supply

Luminaire

Summary of Results	
Radiant Flux:	1851 mW
Luminous Flux:	531.9 lm
Luminaire Efficacy:	85.6 lm/W
CCT:	3175 K
CRI (Ra):	96.8
Chromaticity (x):	0.4255
Chromaticity (y):	0.4009
Chromaticity (u):	0.2445
Chromaticity (v):	0.3456
Duv:	0.0002

Test Conditions		
Test Temperature:	24.8	°C
Voltage:	120.0	VAC
Current:	0.1335	A
Power:	6.217	W
Power Factor:	0.388	
Frequency:	60	Hz
Current THD:	235	%

Absorption correction was employed for this measurement.

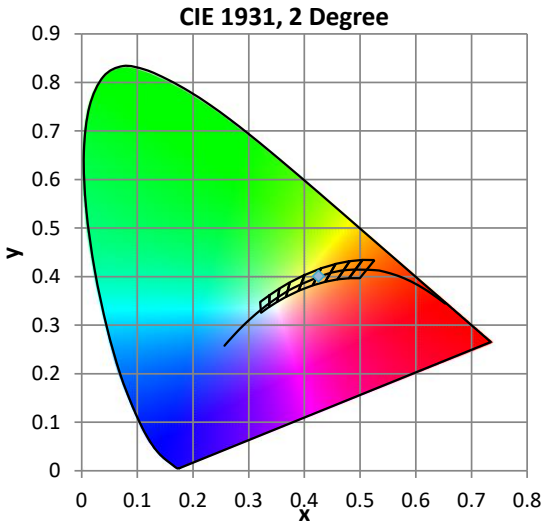
Color Quality - Integrating Sphere

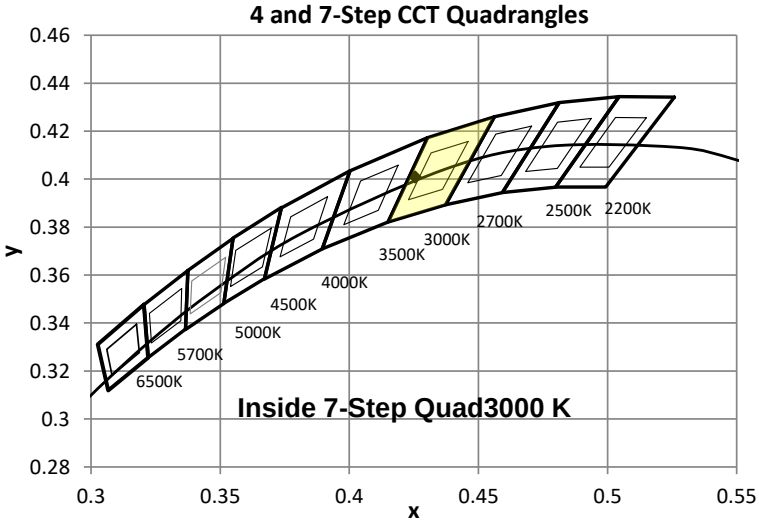
Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.8 °C	120.0 VAC	0.1335 A	6.217 W	0.388	60 Hz	235 %

Summary of Results

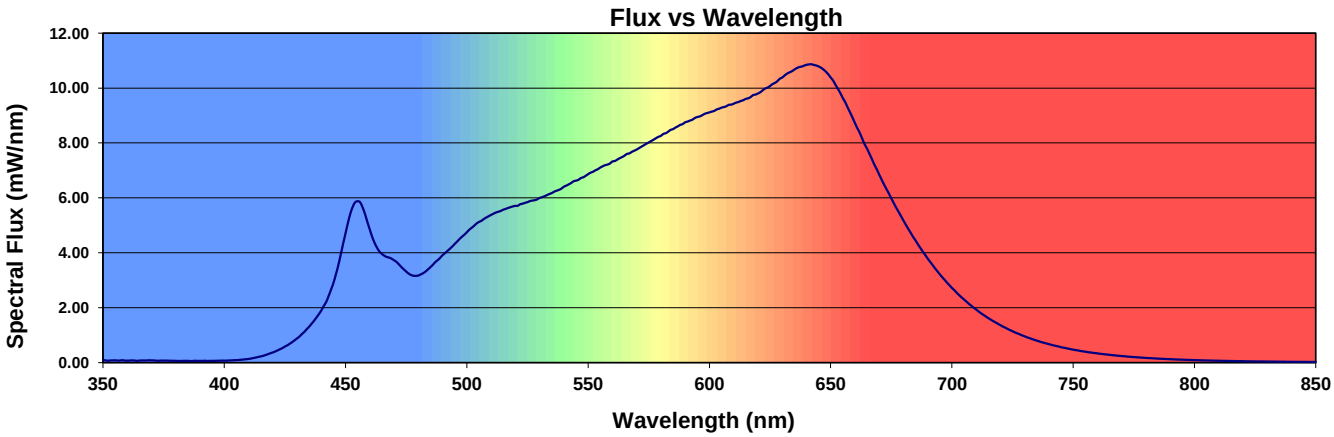
Total Output:	532	Lumens	**Chromaticity (x):**	0.4255
Efficacy:	85.6	lm/w	**Chromaticity (y):**	0.4009
CCT:	3175	K	**Chromaticity (u'):**	0.2445
CRI (Ra):	96.8		**Chromaticity (v'):**	0.5184
CRI (R9):	82.7		**TM-30 Rf:**	93
Peak Wavelength:	642	nm	**TM-30 Rg:**	98
Dominant Wavelength:	555	nm	**TM-30 Rcs,h1:**	-2%
S/P Ratio:	1.54		**Duv:**	0.0005
M/P Ratio:	0.61	WELL Building Standard v2		





Color Rendering Index Detail

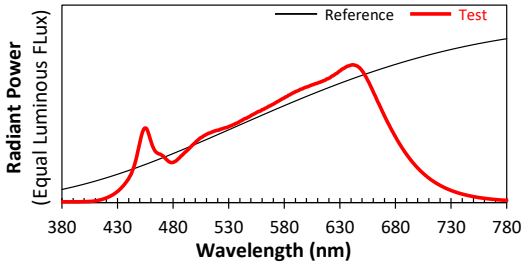
Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.8	97.1	99.2	99.7	96.4	96.8	97.8	95.4	91.7	82.7	97.7	98.3	84.7	97.9	99.3	94.9

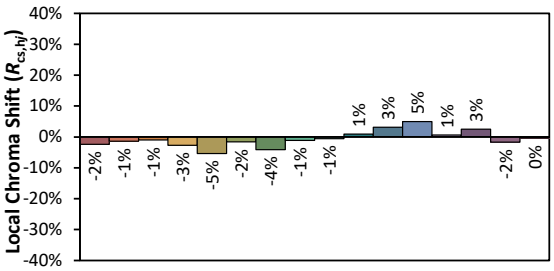


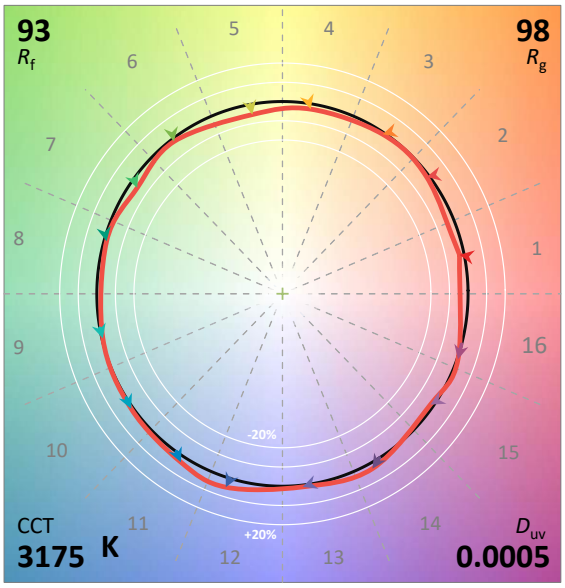
ANSI/IES TM-30-18 Color Rendition Report

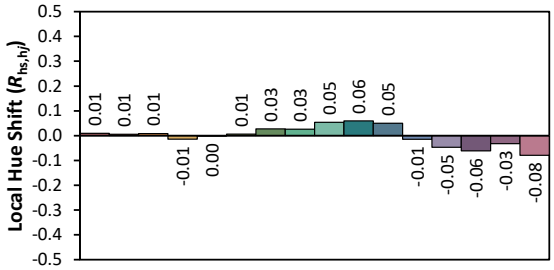
Date: 2023-03-10 Manufacturer: SIRS Electronics Inc

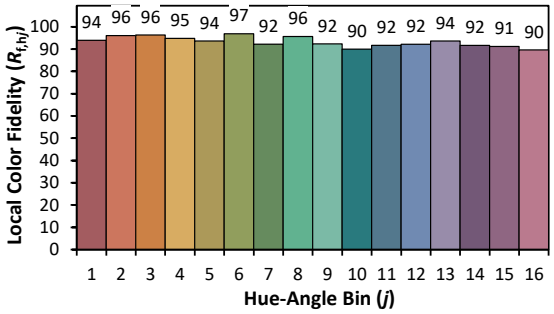
Model: ACUFIT-24CV30-05

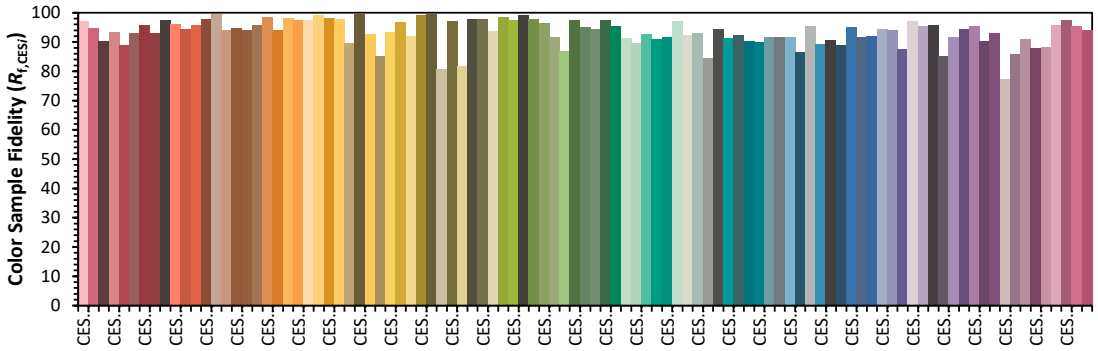












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	**0.4255**
y	**0.4009**
u'	**0.2445**
v'	**0.5184**

CIE 13.3-1995 (CRI)

R_a	97
R_9	83

Colors are for visual orientation purposes only. Created with the IES TM-30-18 Calculator Version 2.00.

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

Integrating Sphere Test Report

Relevant Standards
IES LM-79-2008, ANSI C82.77-10-2014, CIE 13.3-1995
CIE 15-2004, ANSI C78.377-2017, IES TM-30-2018

Prepared For

SIRS Electronics Inc

3307 West St
Rosenberg, TX 77471

Catalog Number

ACUFIT-24CV35-05

Order Number
14709286
Test Number
14709286.05

Test Date

2023-03-10

Prepared By

Derek Smarr, Senior Technician

Approved By

Jeffrey Lockner, Staff Engineer

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Luminaire Description: Flexible tape light, no enclosure
Lamp: 90 white LEDs
Mounting: Surface
Ballast/Driver: One Cull Power SAW30-240-1200 R1 Power Supply

Luminaire

Summary of Results	
Radiant Flux:	1894 mW
Luminous Flux:	520.2 lm
Luminaire Efficacy:	81.8 lm/W
CCT:	3453 K
CRI (Ra):	94.0
Chromaticity (x):	0.4043
Chromaticity (y):	0.3827
Chromaticity (u):	0.2384
Chromaticity (v):	0.3385
Duv:	-0.0036

Test Conditions		
Test Temperature:	24.7	°C
Voltage:	120.0	VAC
Current:	0.1363	A
Power:	6.358	W
Power Factor:	0.389	
Frequency:	60	Hz
Current THD:	234	%

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

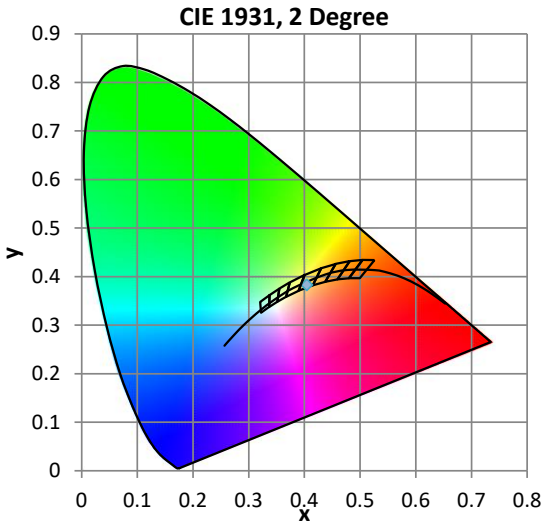
Color Quality - Integrating Sphere

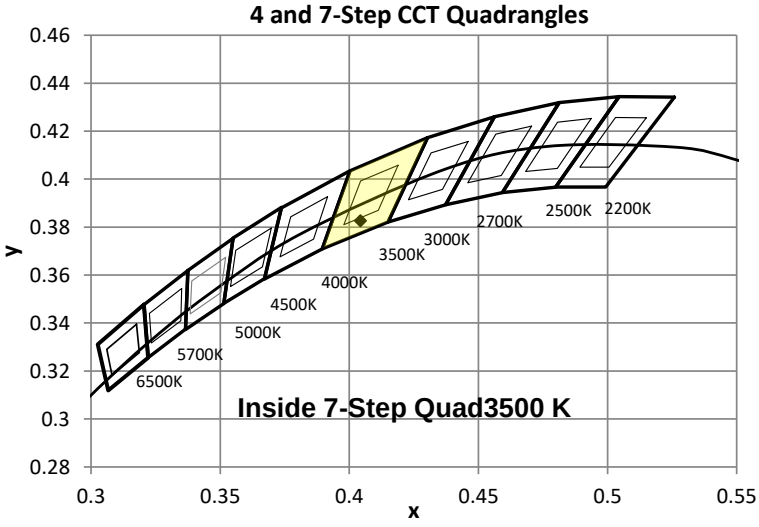
Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.7 °C	120.0 VAC	0.1363 A	6.358 W	0.389	60 Hz	234 %

Summary of Results

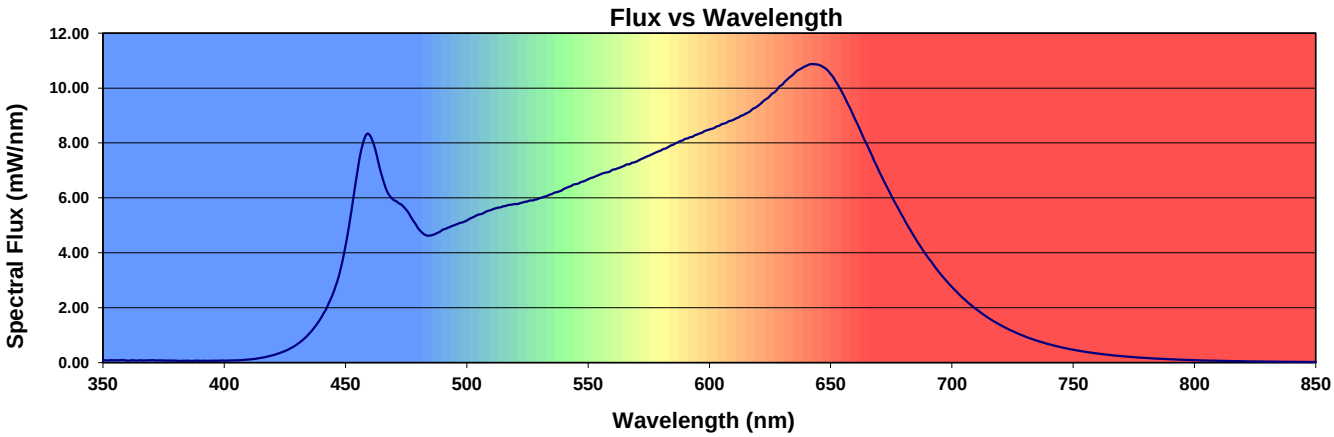
Total Output:	520	Lumens	**Chromaticity (x):**	0.4043
Efficacy:	81.8	lm/w	**Chromaticity (y):**	0.3827
CCT:	3453	K	**Chromaticity (u'):**	0.2384
CRI (Ra):	94.0		**Chromaticity (v'):**	0.5077
CRI (R9):	91.7		**TM-30 Rf:**	90
Peak Wavelength:	643	nm	**TM-30 Rg:**	97
Dominant Wavelength:	555	nm	**TM-30 Rcs,h1:**	0%
S/P Ratio:	1.75		**Duv:**	-0.0033
M/P Ratio:	0.73	WELL Building Standard v2		





Color Rendering Index Detail

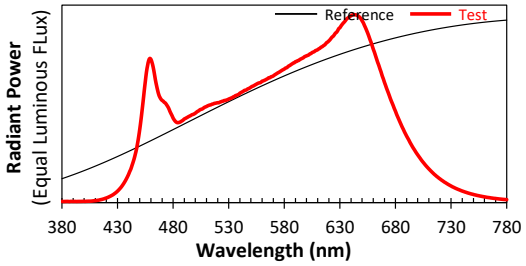
Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.0	95.1	93.9	95.2	95.1	94.1	90.8	93.1	95.1	91.7	87.9	96.9	78.4	94.2	98.0	94.1

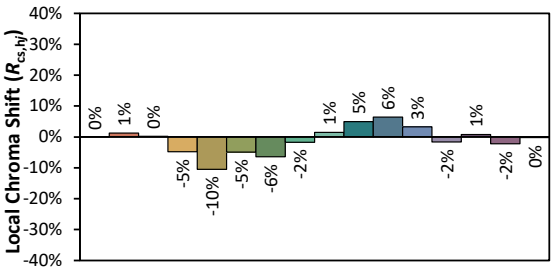


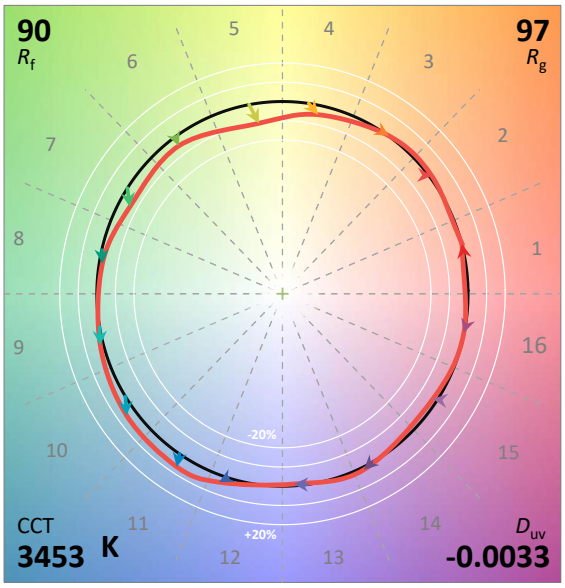
ANSI/IES TM-30-18 Color Rendition Report

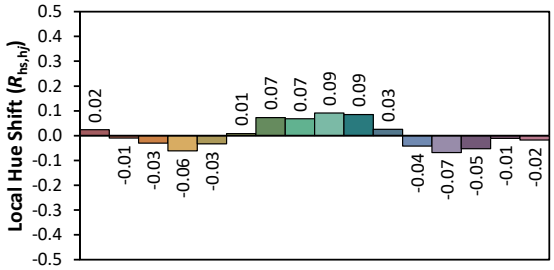
Date: 2023-03-10 Manufacturer: SIRS Electronics Inc

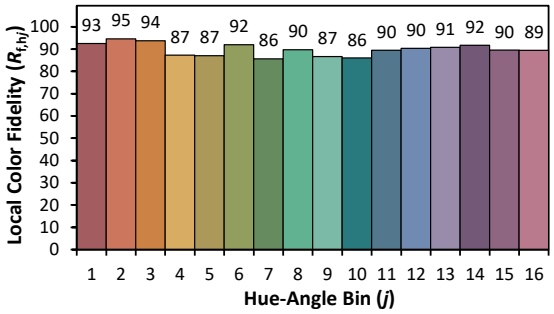
Model: ACUFIT-24CV35-05

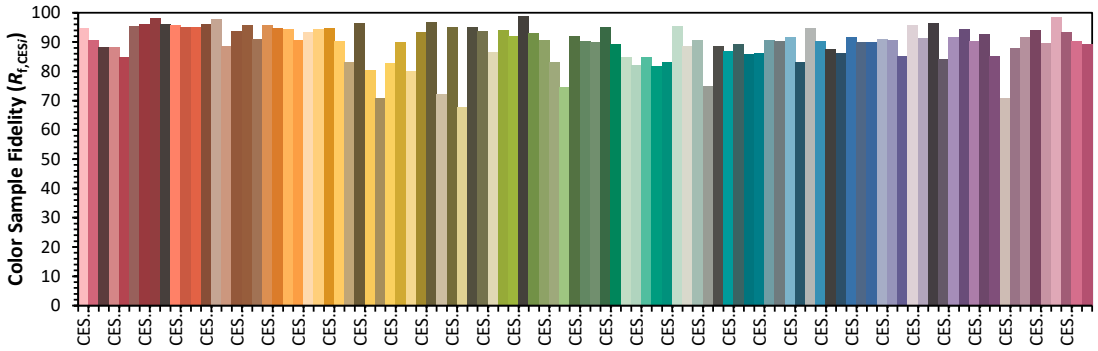












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	**0.4043**
y	**0.3827**
u'	**0.2384**
v'	**0.5077**

CIE 13.3-1995 (CRI)

R_a	94
R_9	92

Colors are for visual orientation purposes only. Created with the IES TM-30-18 Calculator Version 2.00.

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610-774-1300

Integrating Sphere Test Report

Relevant Standards
IES LM-79-2008, ANSI C82.77-10-2014, CIE 13.3-1995
CIE 15-2004, ANSI C78.377-2017, IES TM-30-2018

Prepared For

SIRS Electronics Inc

3307 West St
Rosenberg, TX 77471

Catalog Number

ACUFIT-24CV40-05

Order Number
14709286
Test Number
14709286.06

Test Date

2023-03-10

Prepared By	Approved By
Derek Smarr, Senior Technician	Jeffrey Lockner, Staff Engineer

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Luminaire Description: Flexible tape light, no enclosure
Lamp: 90 white LEDs
Mounting: Surface
Ballast/Driver: One Cull Power SAW30-240-1200 R1 Power Supply

Luminaire

Summary of Results	
Radiant Flux:	1832 mW
Luminous Flux:	510.2 lm
Luminaire Efficacy:	82.5 lm/W
CCT:	4022 K
CRI (Ra):	97.1
Chromaticity (x):	0.3778
Chromaticity (y):	0.3703
Chromaticity (u):	0.2260
Chromaticity (v):	0.3322
Duv:	-0.0030

Test Conditions		
Test Temperature:	24.8	°C
Voltage:	120.0	VAC
Current:	0.1330	A
Power:	6.186	W
Power Factor:	0.387	
Frequency:	60	Hz
Current THD:	235	%

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

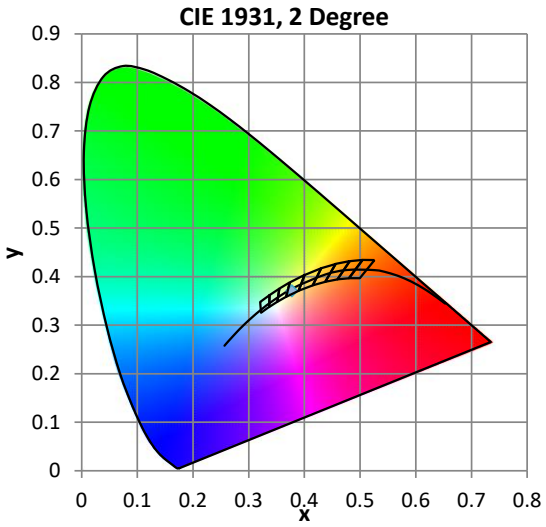
Color Quality - Integrating Sphere

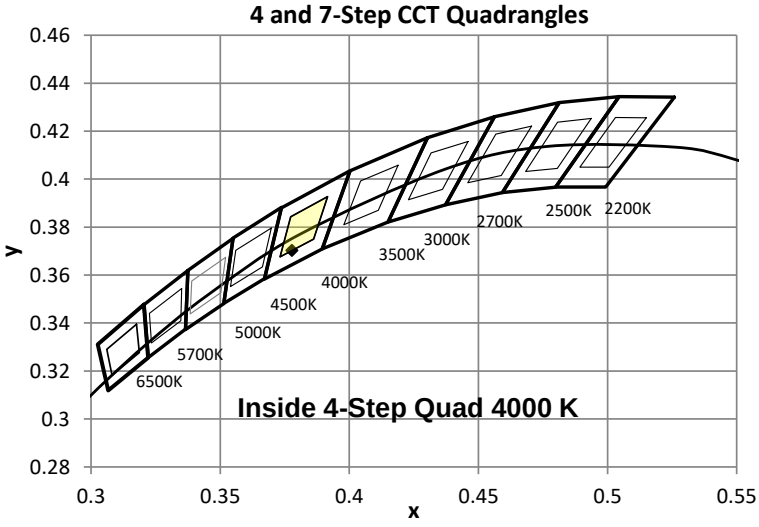
Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.8 °C	120.0 VAC	0.1330 A	6.186 W	0.387	60 Hz	235 %

Summary of Results

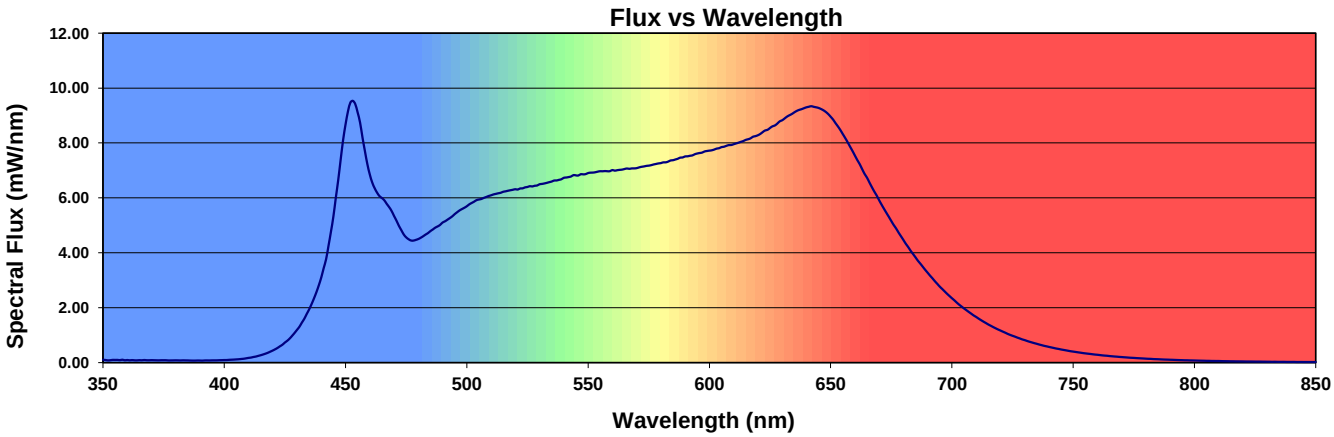
Total Output:	510	Lumens	**Chromaticity (x):**	0.3778
Efficacy:	82.5	lm/w	**Chromaticity (y):**	0.3703
CCT:	4022	K	**Chromaticity (u'):**	0.2260
CRI (Ra):	97.1		**Chromaticity (v'):**	0.4983
CRI (R9):	92.2		**TM-30 Rf:**	93
Peak Wavelength:	453	nm	**TM-30 Rg:**	100
Dominant Wavelength:	555	nm	**TM-30 Rcs,h1:**	0%
S/P Ratio:	1.9		**Duv:**	-0.0023
M/P Ratio:	0.8	WELL Building Standard v2		





Color Rendering Index Detail

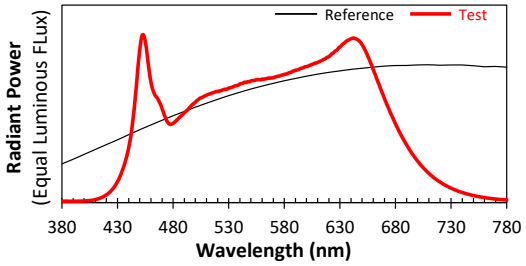
Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.1	96.5	97.1	99.4	97.9	96.6	95.4	97.0	96.7	92.2	95.1	97.0	80.7	96.3	99.0	95.1

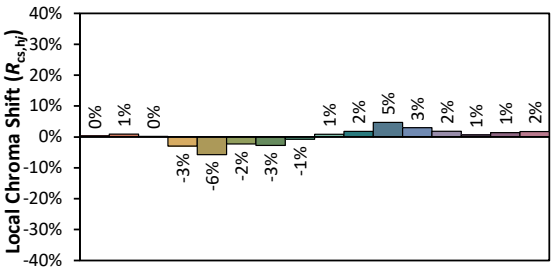


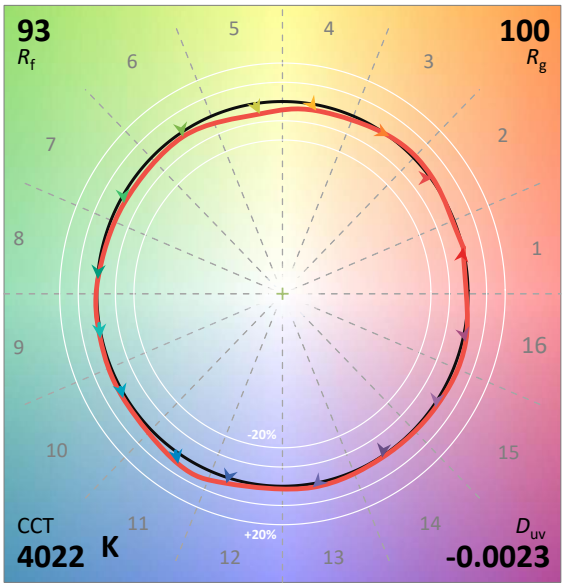
ANSI/IES TM-30-18 Color Rendition Report

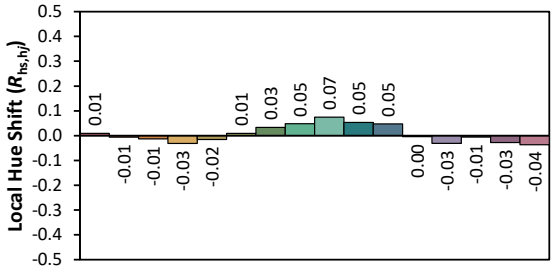
Date: 2023-03-10 Manufacturer: SIRS Electronics Inc

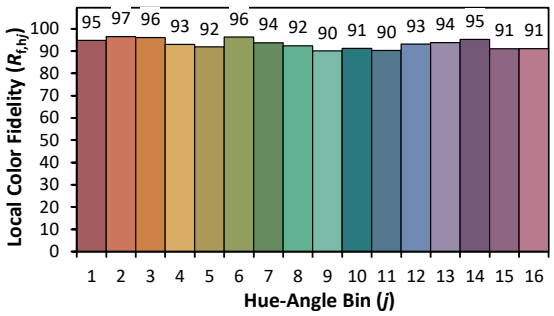
Model: ACUFIT-24CV40-05

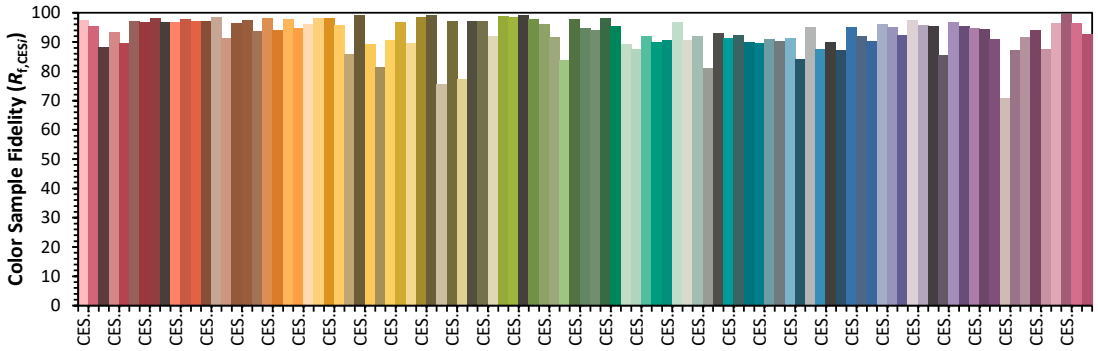












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	**0.3778**
y	**0.3703**
u'	**0.2260**
v'	**0.4983**

CIE 13.3-1995 (CRI)

R_a	97
R_9	92

Colors are for visual orientation purposes only. Created with the IES TM-30-18 Calculator Version 2.00.

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

Integrating Sphere Test Report

Relevant Standards
IES LM-79-2008, ANSI C82.77-10-2014, CIE 13.3-1995
CIE 15-2004, ANSI C78.377-2017, IES TM-30-2018

Prepared For

SIRS Electronics Inc

3307 West St
Rosenberg, TX 77471

Catalog Number

ACUFIT-24CV50-05

Order Number
14709286
Test Number
14709286.07

Test Date

2023-03-14

Prepared By

Derek Smarr, Senior Technician

Approved By

Jeffrey Lockner, Staff Engineer

The results contained in this report pertain only to the tested sample.
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Luminaire Description: Flexible tape light, no enclosure
Lamp: 90 white LEDs
Mounting: Surface
Ballast/Driver: One Cull Power SAW30-240-1200 R1 Power Supply

Luminaire

Summary of Results	
Radiant Flux:	1916 mW
Luminous Flux:	528.8 lm
Luminaire Efficacy:	85.9 lm/W
CCT:	5200 K
CRI (Ra):	97.5
Chromaticity (x):	0.3398
Chromaticity (y):	0.3502
Chromaticity (u):	0.2084
Chromaticity (v):	0.3221
Duv:	0.0010

Test Conditions		
Test Temperature:	24.6	°C
Voltage:	120.0	VAC
Current:	0.1323	A
Power:	6.154	W
Power Factor:	0.387	
Frequency:	60	Hz
Current THD:	235	%

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

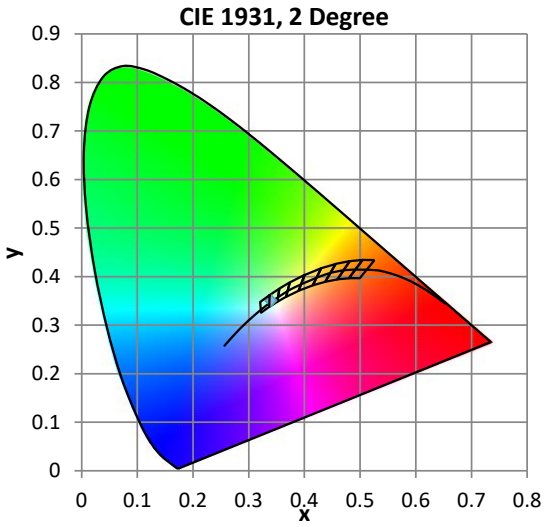
Color Quality - Integrating Sphere

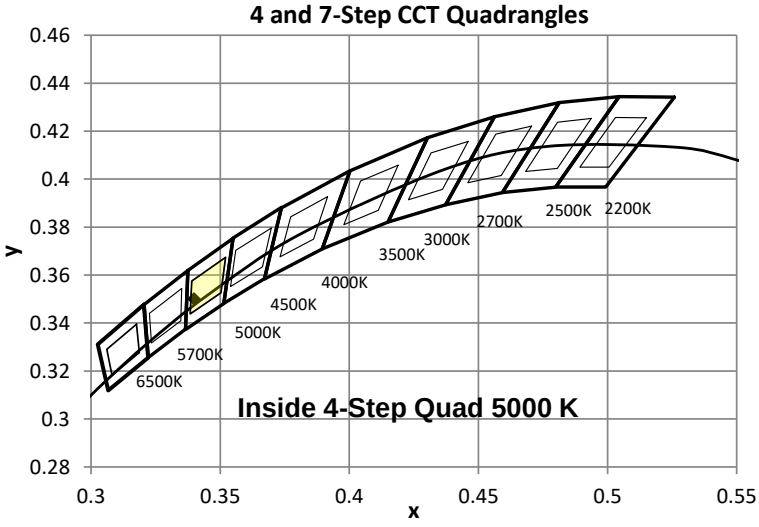
Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.6 °C	120.0 VAC	0.1323 A	6.154 W	0.387	60 Hz	235 %

Summary of Results

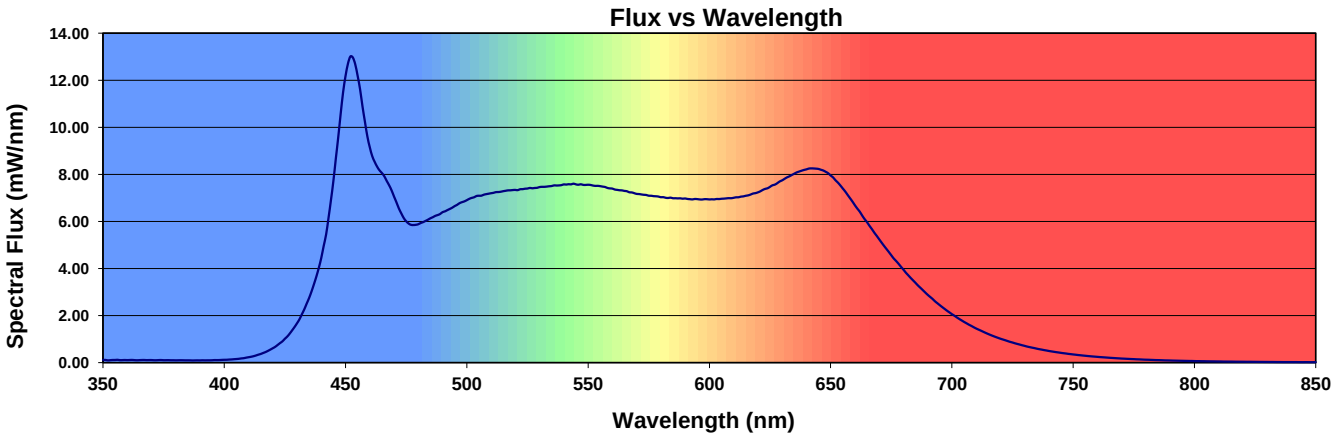
Total Output:	529	Lumens	**Chromaticity (x):**	0.3398
Efficacy:	85.9	lm/w	**Chromaticity (y):**	0.3502
CCT:	5200	K	**Chromaticity (u'):**	0.2084
CRI (Ra):	97.5		**Chromaticity (v'):**	0.4832
CRI (R9):	89.0		**TM-30 Rf:**	94
Peak Wavelength:	452	nm	**TM-30 Rg:**	100
Dominant Wavelength:	555	nm	**TM-30 Rcs,h1:**	1%
S/P Ratio:	2.21		**Duv:**	0.0014
M/P Ratio:	0.97	WELL Building Standard v2		





Color Rendering Index Detail

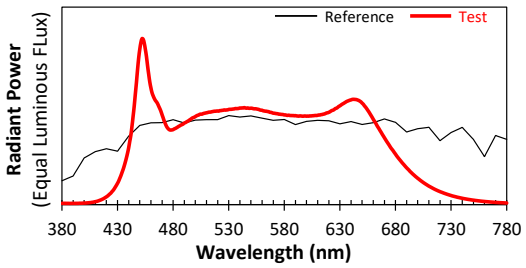
Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.5	97.3	98.3	98.6	98.2	97.2	96.5	97.8	96.1	89.0	97.5	98.0	80.2	97.4	98.8	95.0

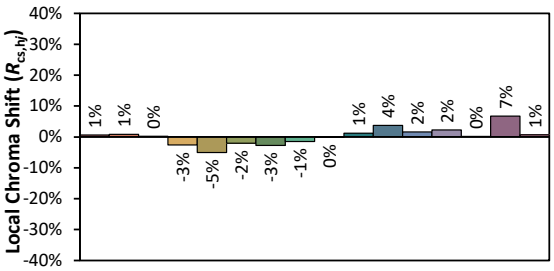


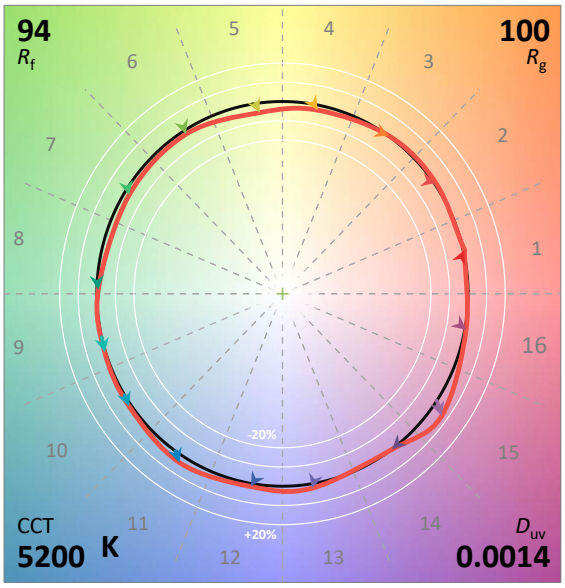
ANSI/IES TM-30-18 Color Rendition Report

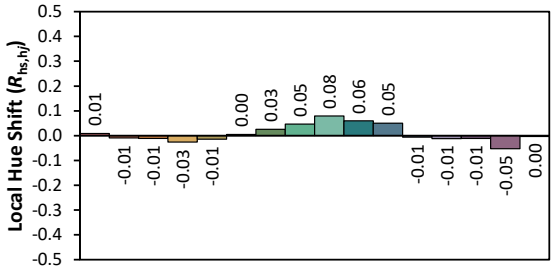
Date: 2023-03-14 Manufacturer: SIRS Electronics Inc

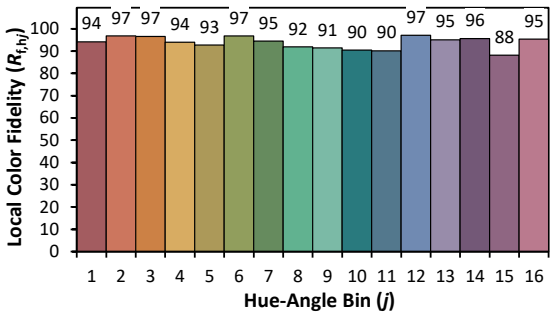
Model: ACUFIT-24CV50-05

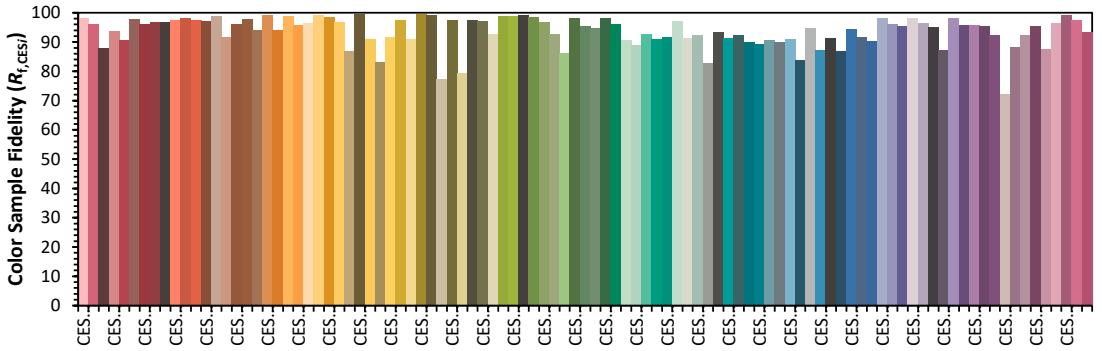












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	**0.3398**
y	**0.3502**
u'	**0.2084**
v'	**0.4832**

CIE 13.3-1995 (CRI)

R_a	97
R_9	89

Colors are for visual orientation purposes only. Created with the IES TM-30-18 Calculator Version 2.00.

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

Integrating Sphere Test Report

Relevant Standards
IES LM-79-2008, ANSI C82.77-10-2014, CIE 13.3-1995
CIE 15-2004, ANSI C78.377-2017, IES TM-30-2018

Prepared For

SIRS Electronics Inc

3307 West St
Rosenberg, TX 77471

Catalog Number

ACUFIT-24CV57-05

Order Number
14709286
Test Number
14709286.08

Test Date

2023-03-14

Prepared By

Derek Smarr, Senior Technician

Approved By

Jeffrey Lockner, Staff Engineer

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Luminaire Description: Flexible tape light, no enclosure
Lamp: 90 white LEDs
Mounting: Surface
Ballast/Driver: One Cull Power SAW30-240-1200 R1 Power Supply

Luminaire

Summary of Results	
Radiant Flux:	2016 mW
Luminous Flux:	533.7 lm
Luminaire Efficacy:	85.3 lm/W
CCT:	5789 K
CRI (Ra):	93.6
Chromaticity (x):	0.3262
Chromaticity (y):	0.3349
Chromaticity (u):	0.2049
Chromaticity (v):	0.3156
Duv:	-0.0010

Test Conditions		
Test Temperature:	24.7	°C
Voltage:	120.0	VAC
Current:	0.1342	A
Power:	6.256	W
Power Factor:	0.388	
Frequency:	60	Hz
Current THD:	235	%

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

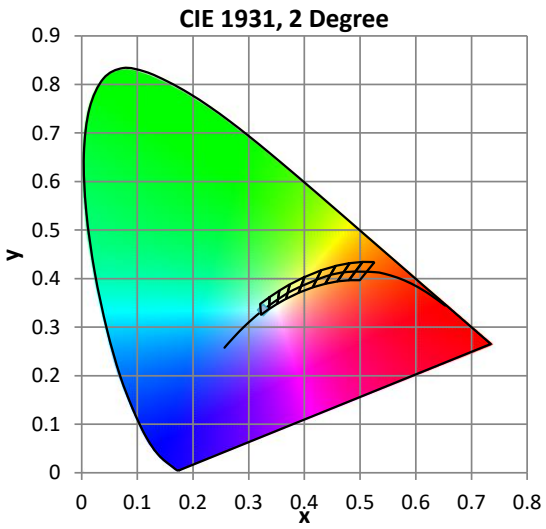
Color Quality - Integrating Sphere

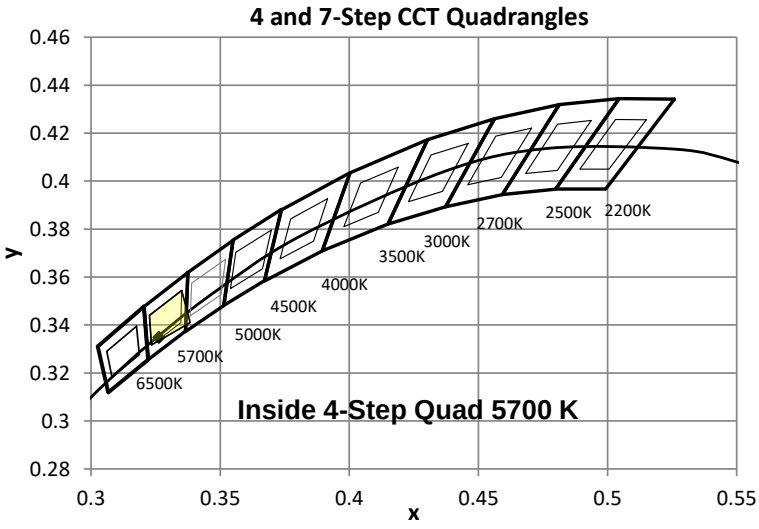
Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.7 °C	120.0 VAC	0.1342 A	6.256 W	0.388	60 Hz	235 %

Summary of Results

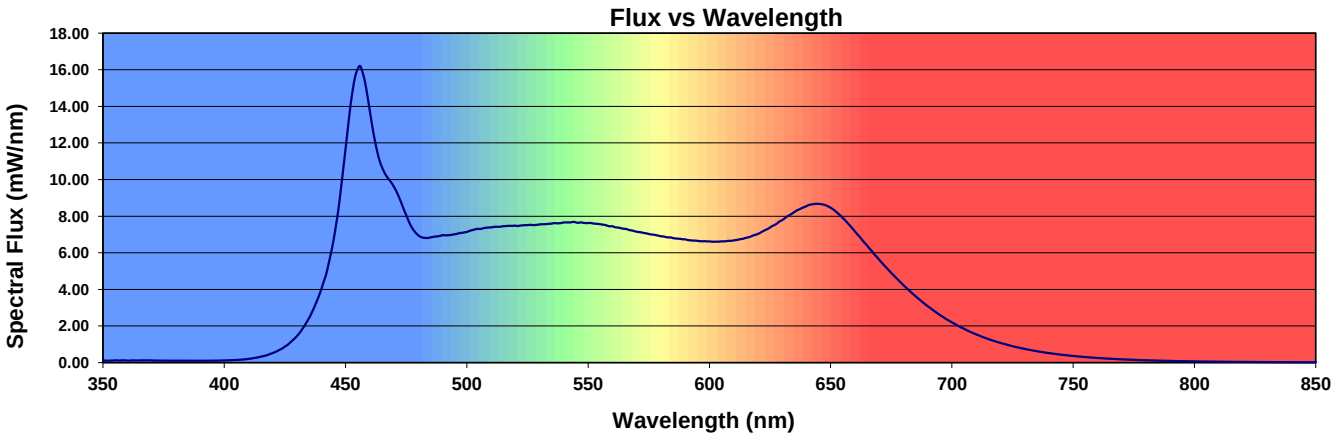
Total Output:	534	Lumens	**Chromaticity (x):**	0.3262
Efficacy:	85.3	lm/w	**Chromaticity (y):**	0.3349
CCT:	5789	K	**Chromaticity (u'):**	0.2049
CRI (Ra):	93.6		**Chromaticity (v'):**	0.4734
CRI (R9):	65.9		**TM-30 Rf:**	90
Peak Wavelength:	456	nm	**TM-30 Rg:**	99
Dominant Wavelength:	495	nm	**TM-30 Rcs,h1:**	3%
S/P Ratio:	2.39		**Duv:**	-0.0003
M/P Ratio:	1.07	WELL Building Standard v2		





Color Rendering Index Detail

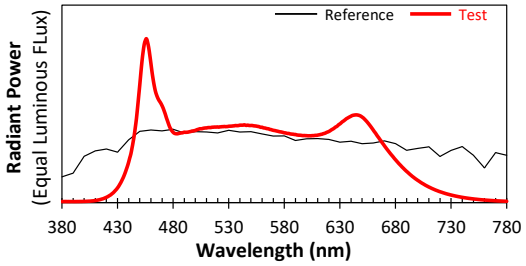
Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.6	92.7	94.1	99.0	93.9	93.2	93.8	93.7	88.4	65.9	89.1	96.6	75.1	92.5	98.9	87.5

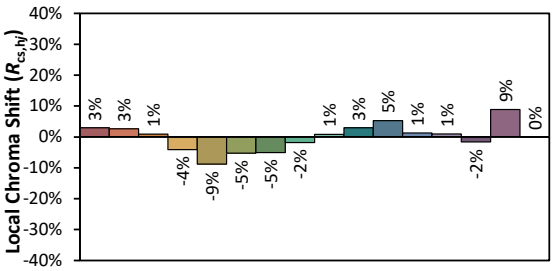


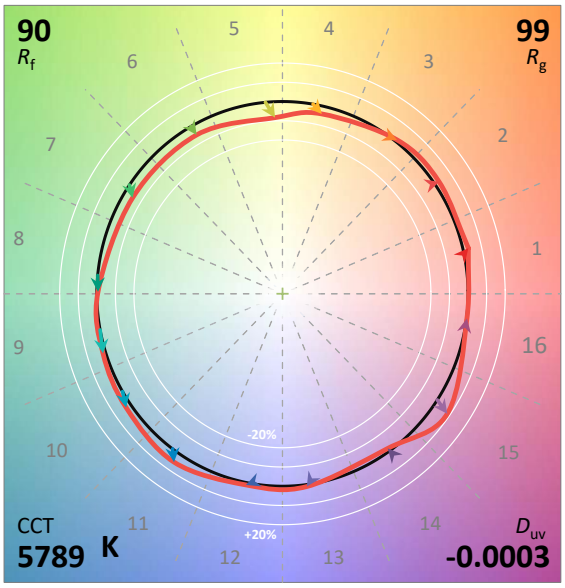
ANSI/IES TM-30-18 Color Rendition Report

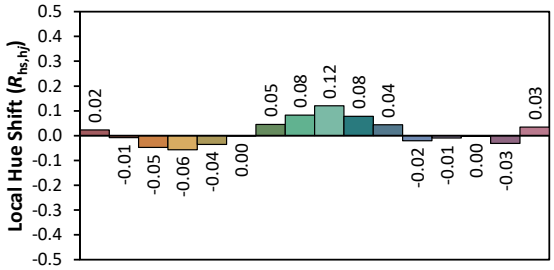
Date: 2023-03-14 Manufacturer: SIRS Electronics Inc

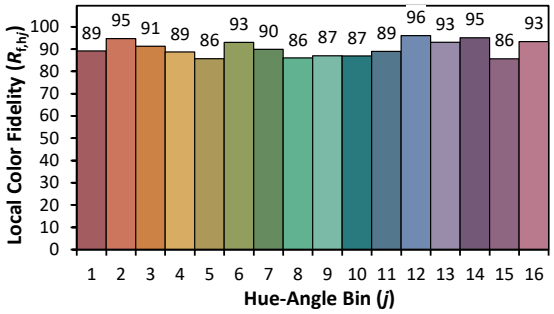
Model: ACUFIT-24CV57-05

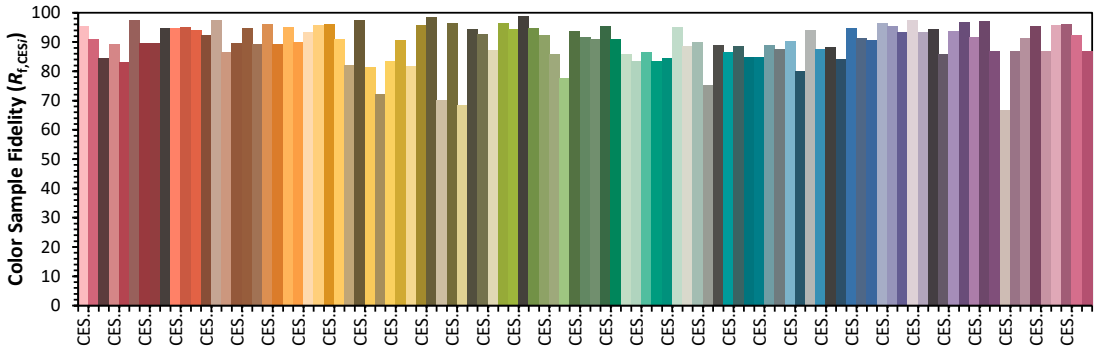












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	**0.3262**
y	**0.3349**
u'	**0.2049**
v'	**0.4734**

CIE 13.3-1995 (CRI)

R_a	94
R_9	66

Colors are for visual orientation purposes only. Created with the IES TM-30-18 Calculator Version 2.00.

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

Integrating Sphere Test Report

Relevant Standards
IES LM-79-2008, ANSI C82.77-10-2014, CIE 13.3-1995
CIE 15-2004, ANSI C78.377-2017, IES TM-30-2018

Prepared For

SIRS Electronics Inc

3307 West St
Rosenberg, TX 77471

Catalog Number

ACUFIT-24CV65-05

Order Number
14709286
Test Number
14709286.09

Test Date

2023-03-14

Prepared By

Derek Smarr, Senior Technician

Approved By

Jeffrey Lockner, Staff Engineer

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Luminaire Description: Flexible tape light, no enclosure
Lamp: 90 white LEDs
Mounting: Surface
Ballast/Driver: One Cull Power SAW30-240-1200 R1 Power Supply

Luminaire

Summary of Results	
Radiant Flux:	2091 mW
Luminous Flux:	558.6 lm
Luminaire Efficacy:	88.8 lm/W
CCT:	6940 K
CRI (Ra):	92.2
Chromaticity (x):	0.3068
Chromaticity (y):	0.3190
Chromaticity (u):	0.1974
Chromaticity (v):	0.3080
Duv:	0.0006

Test Conditions		
Test Temperature:	24.6	°C
Voltage:	120.0	VAC
Current:	0.1349	A
Power:	6.292	W
Power Factor:	0.389	
Frequency:	60	Hz
Current THD:	235	%

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

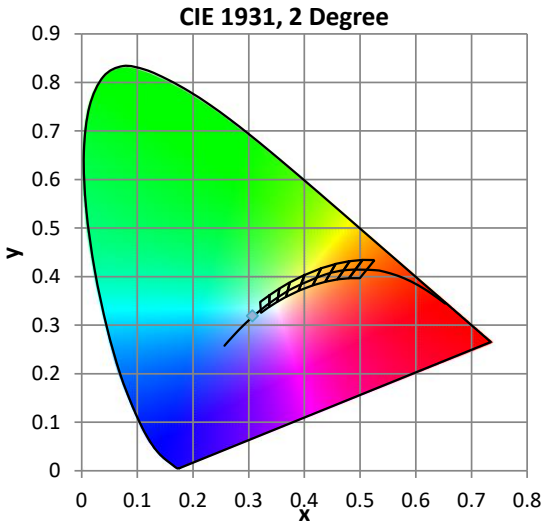
Color Quality - Integrating Sphere

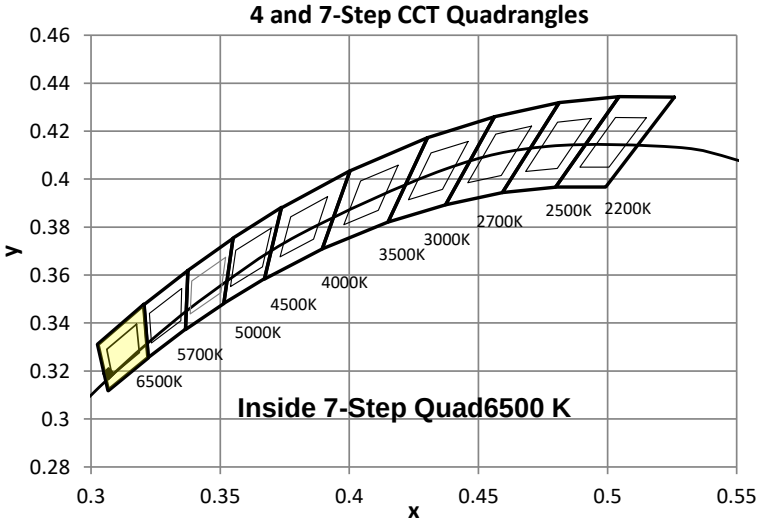
Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.6 °C	120.0 VAC	0.1349 A	6.292 W	0.389	60 Hz	235 %

Summary of Results

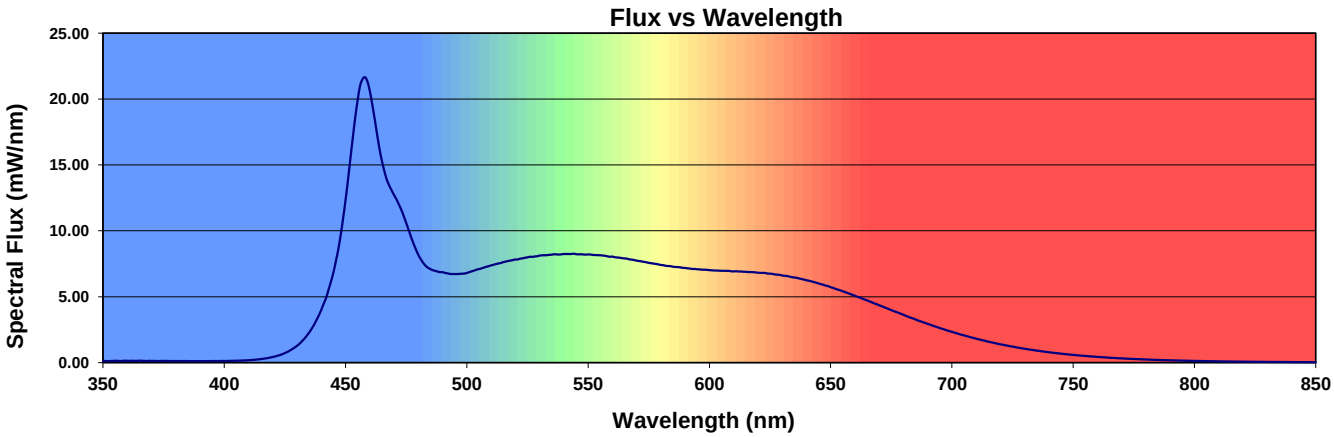
Total Output:	559	Lumens	**Chromaticity (x):**	0.3068
Efficacy:	88.8	lm/w	**Chromaticity (y):**	0.3190
CCT:	6940	K	**Chromaticity (u'):**	0.1974
CRI (Ra):	92.2		**Chromaticity (v'):**	0.4620
CRI (R9):	92.8		**TM-30 Rf:**	86
Peak Wavelength:	458	nm	**TM-30 Rg:**	95
Dominant Wavelength:	485	nm	**TM-30 Rcs,h1:**	-3%
S/P Ratio:	2.54		**Duv:**	0.0011
M/P Ratio:	1.16	WELL Building Standard v2		





Color Rendering Index Detail

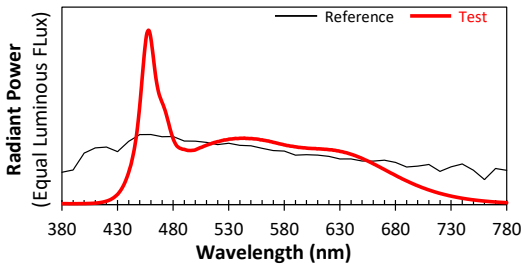
Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.2	95.8	96.3	96.0	86.1	91.0	93.4	89.1	89.8	92.8	95.6	89.4	64.7	97.7	98.7	91.1

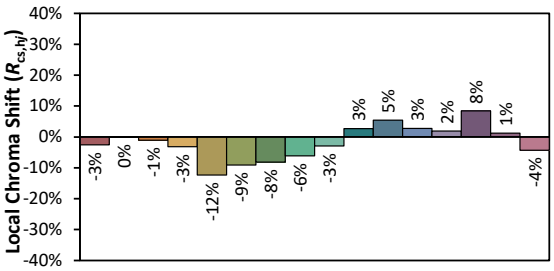


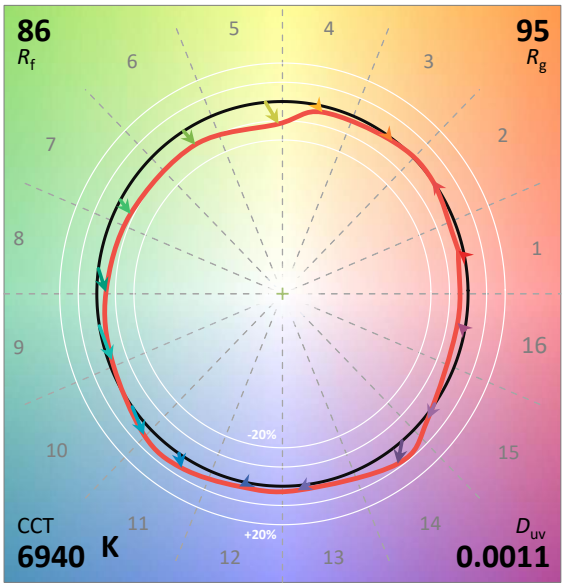
ANSI/IES TM-30-18 Color Rendition Report

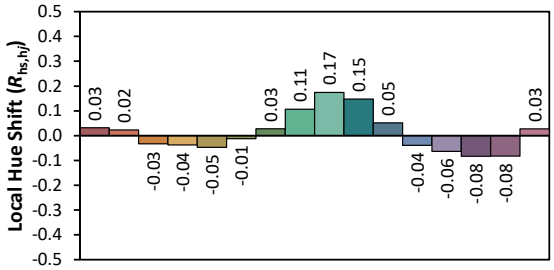
Date: 2023-03-14 Manufacturer: SIRS Electronics Inc

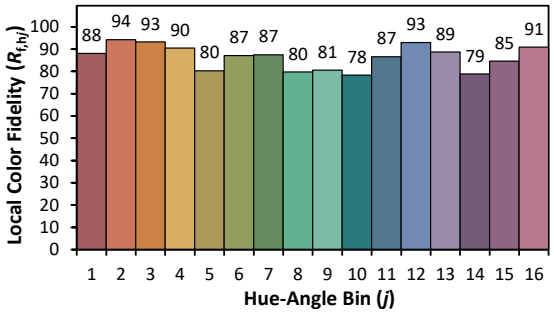
Model: ACUFIT-24CV65-05

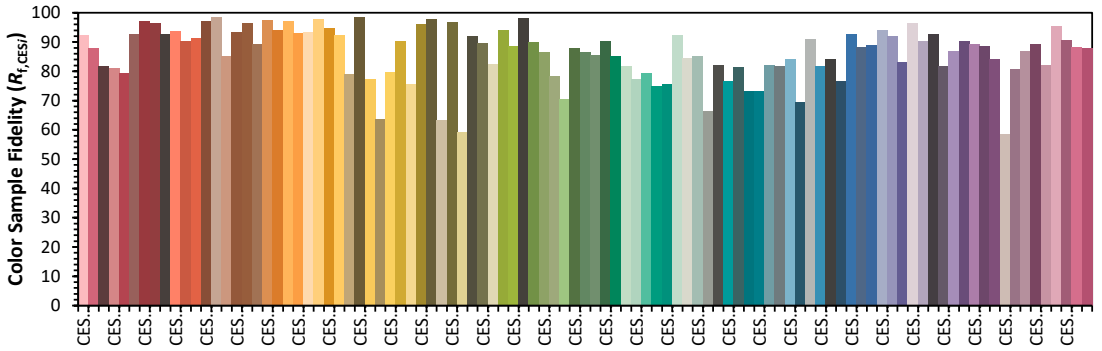












Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x	**0.3068**
y	**0.3190**
u'	**0.1974**
v'	**0.4620**

CIE 13.3-1995 (CRI)

R_a	92
R_9	93

Colors are for visual orientation purposes only. Created with the IES TM-30-18 Calculator Version 2.00.

Distribution - Goniophotometer

Distribution Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.1 °C	120.0 VAC	0.1208 A	6.255 W	0.432	60 Hz	206 %

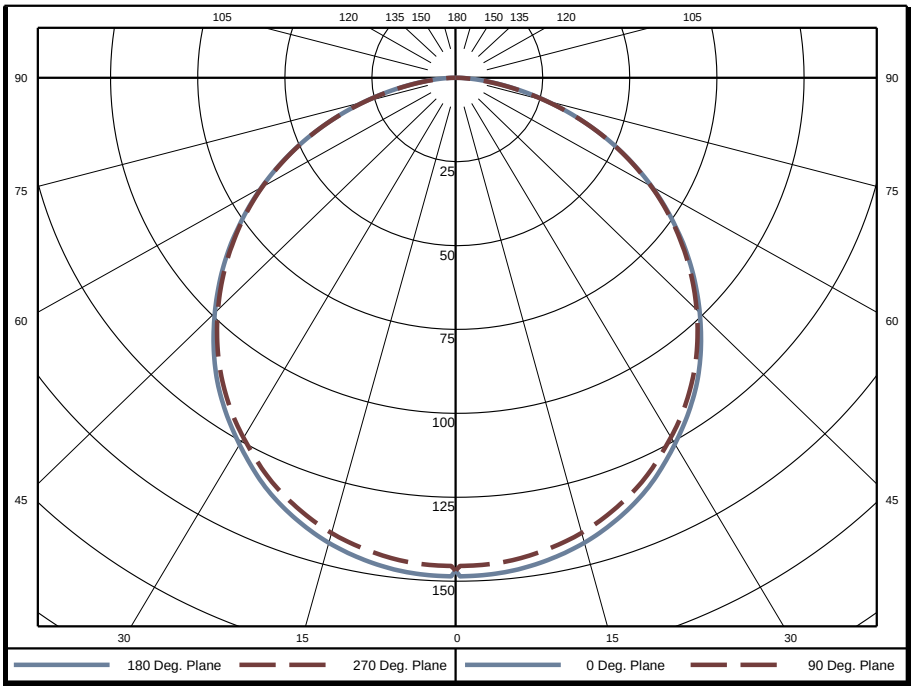
Summary of Results

Spacing Criteria
0-180: 1.27
90-270: 1.26

Total Lumen Output: 423.4 Lumens
Luminaire Efficacy: 67.7 lm/w
Maximum Candela: 149 Candela

Corrected UGR (Room Dimension: X=4H, Y=8H, Reflectances: 70/50/20%, S/H: 1)
Crosswise: 31.2 **Endwise:** 31.1

Polar Plot



Zonal Lumen Summary

Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	3.51	0.8%	60-65	28.94	6.8%	120-125	0	0.0%
5-10	10.41	2.5%	65-70	23.78	5.6%	125-130	0	0.0%
10-15	16.98	4.0%	70-75	17.80	4.2%	130-135	0	0.0%
15-20	23.00	5.4%	75-80	11.54	2.7%	135-140	0	0.0%
20-25	28.24	6.7%	80-85	5.84	1.4%	140-145	0	0.0%
25-30	32.49	7.7%	85-90	1.81	0.4%	145-150	0	0.0%
30-35	35.70	8.4%	90-95	0	0.0%	150-155	0	0.0%
35-40	37.76	8.9%	95-100	0	0.0%	155-160	0	0.0%
40-45	38.48	9.1%	100-105	0	0.0%	160-165	0	0.0%
45-50	37.89	8.9%	105-110	0	0.0%	165-170	0	0.0%
50-55	36.10	8.5%	110-115	0	0.0%	170-175	0	0.0%
55-60	33.11	7.8%	115-120	0	0.0%	175-180	0	0.0%

Zone	Lumens	% of Luminaire
0-40	188	44.4%
0-60	334	78.8%
0-90	423	100.0%
90-180	0	0.0%

Candela Tabulation

Horizontal Angle (Degrees)

Vertical 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	146.8	146.8	146.8	146.8	146.8	146.8	146.8	146.8	146.8	146.8	146.8	146.8	146.8	146.8	146.8	146.8
5	148.1	147.5	146.0	145.4	145.0	145.4	146.0	147.5	148.1	147.5	146.0	145.4	145.0	145.4	146.0	147.5
10	146.3	145.7	144.3	143.6	143.2	143.6	144.3	145.7	146.3	145.7	144.3	143.6	143.2	143.6	144.3	145.7
15	143.4	142.8	141.4	140.7	140.3	140.7	141.4	142.8	143.4	142.8	141.4	140.7	140.3	140.7	141.4	142.8
20	139.0	138.5	137.1	136.4	136.0	136.4	137.1	138.5	139.0	138.5	137.1	136.4	136.0	136.4	137.1	138.5
25	133.3	132.9	131.5	130.9	130.6	130.9	131.5	132.9	133.3	132.9	131.5	130.9	130.6	130.9	131.5	132.9
30	126.1	126.0	124.7	124.2	123.8	124.2	124.7	126.0	126.1	126.0	124.7	124.2	123.8	124.2	124.7	126.0
35	118.4	118.4	117.2	116.7	116.4	116.7	117.2	118.4	118.4	118.4	117.2	116.7	116.4	116.7	117.2	118.4
40	109.5	109.8	108.7	108.2	107.8	108.2	108.7	109.8	109.5	109.8	108.7	108.2	107.8	108.2	108.7	109.8
45	99.4	100.0	98.9	98.4	98.1	98.4	98.9	100.0	99.4	100.0	98.9	98.4	98.1	98.4	98.9	100.0
50	88.7	89.4	88.5	88.0	87.8	88.0	88.5	89.4	88.7	89.4	88.5	88.0	87.8	88.0	88.5	89.4
55	77.2	78.3	77.5	77.1	76.9	77.1	77.5	78.3	77.2	78.3	77.5	77.1	76.9	77.1	77.5	78.3
60	65.4	66.6	65.7	65.3	65.2	65.3	65.7	66.6	65.4	66.6	65.7	65.3	65.2	65.3	65.7	66.6
65	53.1	54.0	53.4	53.1	52.9	53.1	53.4	54.0	53.1	54.0	53.4	53.1	52.9	53.1	53.4	54.0
70	40.2	41.2	40.6	40.3	40.3	40.3	40.6	41.2	40.2	41.2	40.6	40.3	40.3	40.3	40.6	41.2
75	27.5	28.1	27.7	27.4	27.4	27.4	27.7	28.1	27.5	28.1	27.7	27.4	27.4	27.4	27.7	28.1
80	15.8	16.2	15.8	15.5	15.4	15.5	15.8	16.2	15.8	16.2	15.8	15.5	15.4	15.5	15.8	16.2
85	6.4	6.6	6.4	6.0	5.8	6.0	6.4	6.6	6.4	6.6	6.4	6.0	5.8	6.0	6.4	6.6
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/m^2)

Horizontal Angle (Degrees)

Vertical Angle (Degrees)	0	45	90
0	77460	77460	77460
45	74160	73830	73230
55	71040	71280	70720
65	66230	66630	66100
75	56120	56400	55760
85	38980	38960	35130

Coefficients of Utilization - 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 percent of total lumen output delivered to the task surface **																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70
3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	58
4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	62	56	52	50
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	38
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	27
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

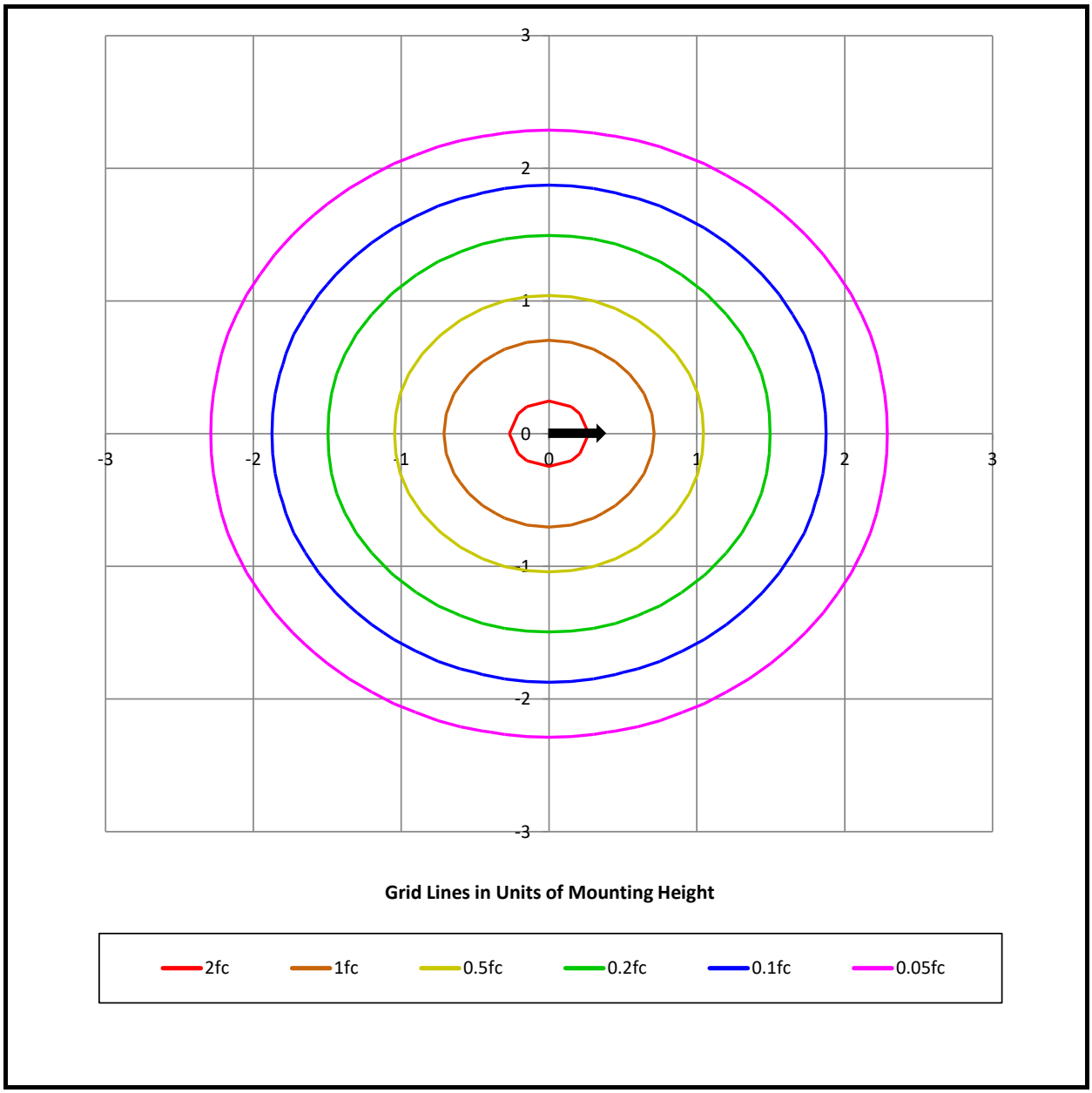
Beam and Field Information	
CIE Type:	Direct
Center Beam Intensity:	146.8 Candela
Central Cone Intensity:	147 Candela
Beam Flux:	312.6 Lumens
Beam Angle (0-180):	113.3 Degrees
Beam Angle (90-270):	113.0 Degrees
Field Angle (0-180):	161.0 Degrees
Field Angle (90-270):	160.6 Degrees

Cone of Light Tabulation

Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	9.18	5.06
6.00	4.08	7.59
8.00	2.29	10.1
10.0	1.47	12.7
12.0	1.02	15.2
14.0	0.749	17.7
16.0	0.573	20.2

ISOFootcandle Plot

Mounting Height - 8 Feet



Certificate of Compliance

Certificate Number:

UL-US-L479339-51-92015102-3

Report Reference:

E479339-20151029

Issue Date:

2024-01-11

Issued to:

SIRS ELECTRONICS INC
3307 West St Rosenberg, TX 77471
United States

This certificate confirms that representative samples of:

IFDR - Low-voltage Lighting Systems, Power Units, Luminaires and Fittings

See Addendum Page for Product Designation(s).

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

UL 2108, Edition 2, Issue Date 2015-12-07, Revision Date 2023-04-18

Additional Information:
See UL Product iQ® at https://iq.ulprospector.com for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

David Piecuch
UL Mark Certification Program Manager

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CERTIFICATE OF COMPLIANCE

Certificate number UL-US-L479339-51-92015102-3
Report reference E479339-20151029
Date 2024-01-11

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

Model	Product Description
5050-24V-4RGBXX, where XX is A, WH or WW, 5050-24V- WH, -WW, -CW, may be followed additional alphanumeric characters, 5050-24RGB, 5050-24RGBXX were XX is A, WN or WW, 5050-24WX where X is N, W or C, may be followed additional alphanumeric characters	Low Voltage Luminaire Control
5050-24V-RGB, where XX is A, WH or WW, 5050-24V-WH, -WW, -CW, may be followed additional alphanumeric characters, 5050-24RGB, 5050-24RGBXX were XX is A, WN or WW, 5050-24WX where X is N, W or C, may be followed additional alphanumeric characters	Low Voltage Luminaire Control
5050-LED-4RGBXX-72, where XX is A, WH or WW, 5050-LED-WH, -WW, -CW, may be followed additional alphanumeric characters, 5050-12RGB, 5050-12RGBXX where XX is A, WN or WW, 5050-12WX where X is N, W or C, may be followed additional alphanumeric characters	Low-Voltage strip Luminaire
5050-LED-RGB, where XX is A, WH or WW, 5050-LED-WH, -WW, -CW, may be followed additional alphanumeric characters, 5050-12RGB, 5050-12RGBXX where XX is A, WN or WW, 5050-12WX where X is N, W or C, may be followed additional alphanumeric characters	Low-Voltage strip Luminaire
ACUFIT	Low Voltage Lighting Systems
ACUHUE	Low-Voltage strip Luminaire
ACUVIBRANT	Low-Voltage strip Luminaire
ACUVIVID	Low-Voltage strip Luminaire
ACUVIVID2	Low Voltage Lighting Systems
DMX5RGB	Low Voltage Lighting Systems
DMX5RGBWN	Low Voltage Lighting Systems
StripFlexLED	Low Voltage Lighting Systems

David Piecuch
UL Mark Certification Program Manager

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Certificate of Compliance

Certificate Number:

UL-CA-L479339-71-92015102-3

Report Reference:

E479339-20151029

Issue Date:

2024-01-11

Issued to:

SIRS ELECTRONICS INC
3307 West St Rosenberg, TX 77471
United States

This certificate confirms that representative samples of:

IFDR7 - Low-voltage Lighting Systems, Power Units, Luminaires and Fittings Certified for Canada

See Addendum Page for Product Designation(s).

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

CSA C22.2 NO. 250.2, 1st Ed., Issue Date: 2020-01-01

Additional Information:
See UL Product iQ® at https://iq.ulprospector.com for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

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David Piecuch
UL Mark Certification Program Manager

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CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-L479339-71-92015102-3
Report reference E479339-20151029
Date 2024-01-11

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

Model	Product Description
5050-24V-4RGBXX, where XX is A, WH or WW, 5050-24V- WH, -WW, -CW, may be followed additional alphanumeric characters, 5050-24RGB, 5050-24RGBXX were XX is A, WN or WW, 5050-24WX where X is N, W or C, may be followed additional alphanumeric characters	Low Voltage Luminaire Control
5050-24V-RGB, where XX is A, WH or WW, 5050-24V-WH, -WW, -CW, may be followed additional alphanumeric characters, 5050-24RGB, 5050-24RGBXX were XX is A, WN or WW, 5050-24WX where X is N, W or C, may be followed additional alphanumeric characters	Low Voltage Luminaire Control
5050-LED-4RGBXX-72, where XX is A, WH or WW, 5050-LED-WH, -WW, -CW, may be followed additional alphanumeric characters, 5050-12RGB, 5050-12RGBXX where XX is A, WN or WW, 5050-12WX where X is N, W or C, may be followed additional alphanumeric characters	Low-Voltage strip Luminaire
5050-LED-RGB, where XX is A, WH or WW, 5050-LED-WH, -WW, -CW, may be followed additional alphanumeric characters, 5050-12RGB, 5050-12RGBXX where XX is A, WN or WW, 5050-12WX where X is N, W or C, may be followed additional alphanumeric characters	Low-Voltage strip Luminaire
ACUFIT	Low Voltage Lighting Systems
ACUHUE	Low-Voltage strip Luminaire
ACUVIBRANT	Low-Voltage strip Luminaire
ACUVIVID	Low-Voltage strip Luminaire
ACUVIVID2	Low Voltage Lighting Systems
DMX5RGB	Low Voltage Lighting Systems
DMX5RGBWN	Low Voltage Lighting Systems
StripFlexLED	Low Voltage Lighting Systems

David Piecuch
UL Mark Certification Program Manager

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