SOLINA 360 SUSPENSION HORIZONTAL
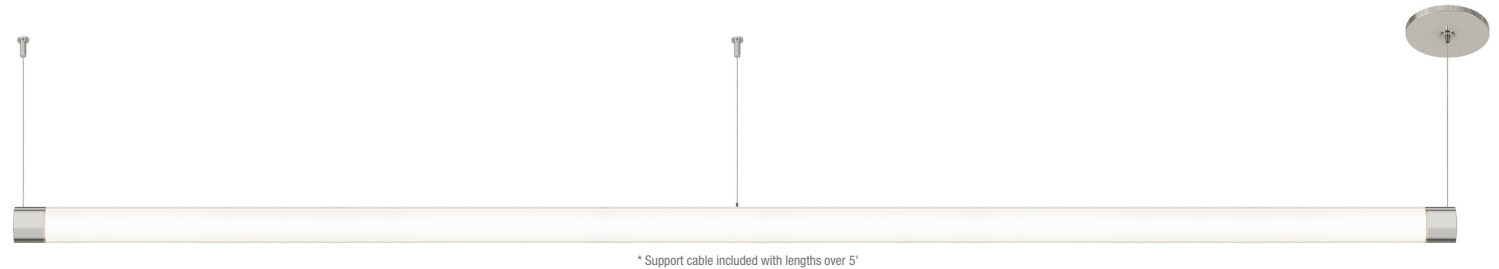## 24VDC REMOTE POWER, END FEED

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

PURE EDGE
Pure Smart Lighting

* Support cable included with lengths over 5'

DESCRIPTION

Solina 360 24VDC Remote End Feed Suspension is a 24VDC LED linear suspension which delivers clean, uninterrupted uniform illumination—ideal for modern architectural applications. Choose from two signature 360° lens styles: with a dffused lens in a clear rigid tube which offers a smooth, continuous glow with a modern aesthetic, and the Cora Weave lens with a clear rigid tube which introduces a tactile element, showcasing a woven textile sleeve within a transparent housing. Both options provide seamless, 360° illumination and are available in 1' increments from 3' to 20' and two wattage options. Offered in multiple color temperatures, including Warm Dim (**27D**) 2700K and (**30D**) 3000K, which both dim down to 2000K. Available in Lumen outputs up to 72 lumens per watt (506 lumens/foot) at 30K using our designer-grade high CRI (color rendering) LED strip. Fixture includes a 5 year pro-rated warranty. For custom finishes, designs, quotes and layout assistance, send drawings to design@PureEdgeLighting.com.

Wattages for this fixture are available in the following options:
- 5W - 5 watts per foot, lengths up to 20'
- 7W - 7 watts per foot, lengths up to 13'

INSTALLATION

- Mounts to a Standard Junction Box from a Remote Power Supply feeding 24VDC up to 100 Watts at a maximum of 40' away
- Includes the 2.8" or 4.6" Round Canopy, or the Vanishing Point options (VR, VM)
- Includes adjustable 12' coaxial cables (additional aircraft cables included for center support when fixture exceeds 9').
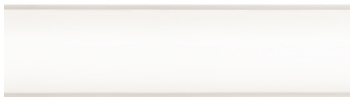
Solina 360 Diffused Lens

Solina 360 Cora Weave Lens

LENSES

- 1.2" Diameter Diffused Flex or Cora Weave
- 360° Beam Spread Lens

LAMPING

- Multiple Static White color temperatures from 2400K-4000K
- Warm Dim: 2700K-2000K (**27D**) or 3000K-2000K (**30D**)
- 50,000 Hour Lamp Life

LUMEN PERFORMANCE

- Diffused Lens: 506 lm/ft 7W@30K
- Cora Weave Lens: 458 lm/ft 7W@30K

REMOTE POWER SUPPLIES* & DIMMERS (SOLD SEPARATELY):

24VDC, Class 2 wiring
Static White
- Pure Smart™ WiZ Pro Power Supplies & Smart Controls
- UNI Driver: Universal Dimming (ELV, TRIAC, 0-10V)
  ELV & TRIAC Smart Dimmer & Switch

Warm Dim
- UNI Driver: Universal Dimming (ELV, TRIAC, 0-10V)

MAKE IT SMART
- Pure Smart™ Wi-Fi Dimmer

*In-Wall Mounting Kits available for select power supplies

APPLICATIONS

Designed for indoor use only. Ideal applications in residential, commercial, retail, and hospitality environments.

APPROVALS

ETL Listed, Class 2, RoHS, Title 24 JA8 compliant for 2700K CCT and above when used with PureEdge remote Universal power supplies, Damp location, Assembled in America

System		Type		Wattage Per Foot		Power Supply		Canopy		Nominal Lengths In Feet		Color Temperature		Finish	
SSH	–	**1CT**	–	**5W**	–	**UR**	–	**2R**	–	**8**	–	**30K**	–	**SN**	
SSH Solina 360 Horizontal Suspension, Remote Power		**1CT** Cora Weave Tube 1.2" **1DT** Diffused Rigid Tube 1.2"		**5W** 5 Watt **7W** 7 Watt		**UR** Universal Remote Power Supply Universal Dimming (TRIAC, ELV, MLV, 0-10) 120/277V- 24V 4.5" x 1/4" round canopy		**2R** 2.8" Round Canopy on both ends		**3-26** Order in 1' increments 5W max length - 20' 7W max length - 13' with one 96W power supply at one end up to 26ft with two power supplies at each end		**24K** 2400K Very Warm White **27K** 2700K Incandescent White **27D** 2700K Warm Dim **30K** 3000K Warm White **30D** 3000K Warm Dim **35K** 3500K Neutral White **40K** 4000K Cool White		**BK** Black **CH** Chrome **SN** Satin Nickel **MW** Matte White RAL 9003 **SB** Satin Brass **XX** Custom*	
						W WiZ Wi-Fi Remote Power Supply Smart Controls 120V- 24V, 4.5" x 1/4" round canopy		**4R** 4.6" Round Canopy on both ends							
						DX DMX Remote Power Supply DMX Controls 120V- 24V, 4.5" x 1/4" round canopy		**VR** Vanishing Point Plaster-in System							
						DA DALI/DALI-2 Remote Power Supply 120/277V- 24V, 4.5" x 1/4" round canopy		**VM** (no visible canopy) Vanishing Point with Millwork Canopy							
						N Non Dim Remote Power Supply 120V- 24V, 4.5" x 1/4" round canopy		*With EC power supply in canopy, only VM,2R,4R canopies can be used		EC Includes adjustable 12' coaxial cables (additional aircraft cables included for center support when fixture exceeds 9")				*RAL/___ Specify RAL powder coat code (EX: #RAL/9007) Additonal finishes are available with an extended lead time. Custom quote is required prior to ordering.	
						L Lutron Hi-Lume/Ecosystem Remote Power Supply 120/277V- 24V, 4.5" x 1/4" round canopy									

LAMP DATA

DESCRIPTION	360° Diffused White Lens									
WATTS PER FOOT	5 Watts					7 Watts				
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	337	341	355	407	430	406	410	506	488	517
LUMENS PER WATT (lm/w)	67	68	71	81	86	58	59	72	70	74
CRI	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+

DESCRIPTION	360° Cora Weave Lens									
WATTS PER FOOT	5 Watts					7 Watts				
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	306	309	322	369	389	372	376	458	449	474
LUMENS PER WATT (lm/w)	61	62	64	74	78	53	54	65	64	68
CRI	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+

FINISHES

Black BK	Chrome CH	Satin Brass SB	Satin Nickel SN	Matte White RAL 9003 MW

Inside Lens 0.9"

Ø1.2"
(3cm)

Acrylic Tube

SOLINA 360

PROJECT		FIXTURE TYPE		DATE	

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SOLINA 360 SUSPENSION HORIZONTAL
24VDC REMOTE POWER, END FEED

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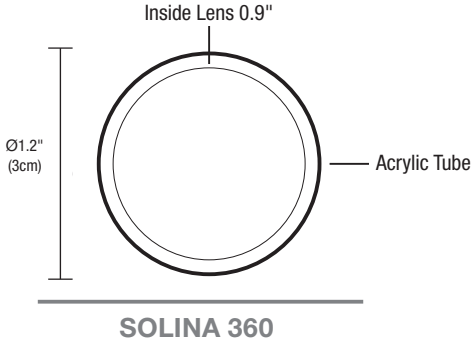
**COMPONENTS** Swag Bar & Hook, Swag Hook, & T-Bar are compatible with all Power Canopy options & may be required based on lighting design & application

VR (Vanishing Point) Plaster In System

2R (2" Round Canopy)

4R (4" Round Canopy)

0.2"
(0.5cm)

2.8"
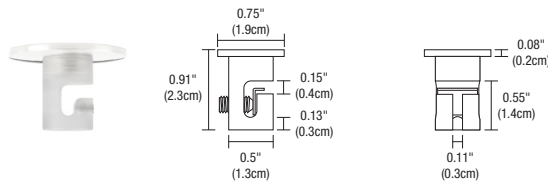(7cm)

4.6"
(11.7cm)
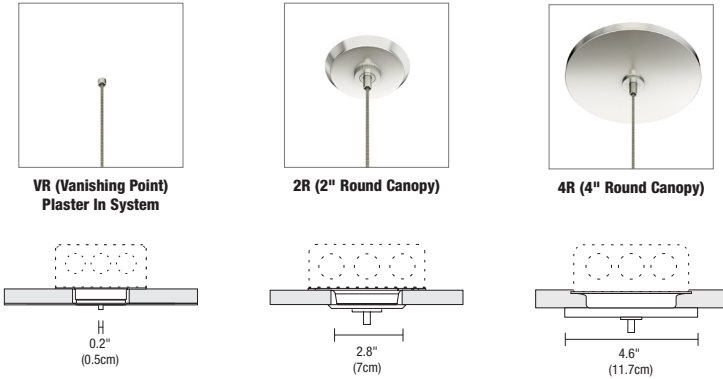
REMOTE POWER CANOPIES (INCLUDED)
The 4" Round Canopy fits on a standard 4" Electrical Box with Round Plaster Ring and the power supply fits in the jbox/ceiling canopy JBOX cover.

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2 inch or 4 Inch Canopy (Not Included)

4.13"
(10.5cm)

0.75"
(1.9cm)

3.6"
(9.1cm)
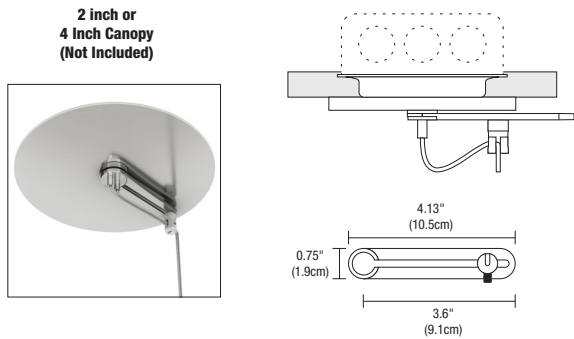
CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK
Channel Suspension Adjustable Swag Bar and Hook allows a cable to form a straight connection to the channel when the Power Canopy is not located directly above the fixture. Use when you have two or more canopies (power supplies) on the same fixture run. The Adjustable Swag Hook is compatible with the 2R, 2S, 4R and 4S Power Canopies (Canopy not included).
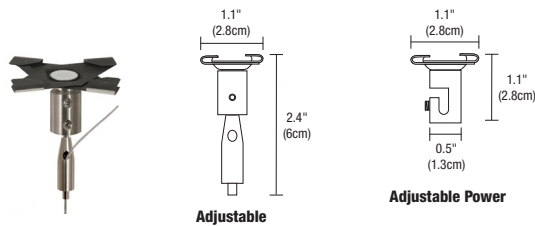
Product	Type	Finish
CS	**ADJ-DP-SWAG**	**SN**

CS Channel Suspension	**ADJ-SWAG** Adjustable Swag Hook for Static White	**SN** Satin Nickel
	ADJ-DP-SWAG Dual Post Adjustable Swag Hook for 2K4K & RGB	

0.75"
(1.9cm)

0.91"
(2.3cm)

0.15"
(0.4cm)

0.13"
(0.3cm)

0.5"
(1.3cm)

0.08"
(0.2cm)

0.55"
(1.4cm)

0.11"
(0.3cm)

CHANNEL SUSPENSION SWAG HOOK
The clear plastic Swag Hook extends a cable from an electrical box that is not located directly above desired fixture location.

System	Type
CS	**SWAG**

CS Channel Suspension	**SWAG** Swag Hook

1.1"
(2.8cm)

1.1"
(2.8cm)

2.4"
(6cm)

1.1"
(2.8cm)

0.5"
(1.3cm)

Adjustable

Adjustable Power

CHANNEL SUSPENSION ADJUSTABLE T-BAR CLIP
Channel Suspension Adjustable T-Bar Clip mounts to T-Bar grid ceilings. Available in Satin Nickel Hardware as Adjustable Power and Non-Power versions.

Product	Type	Options	Finish
CS	**TBAR**	**A**	**W**

CS Channel Suspension	**TBAR** 9/16" and 15/16"	**A** Adjustable	**W** White
		AP Adjustable Power	**BK** Satin Black

PROJECT		FIXTURE TYPE		DATE	

SOLINA 360 SUSPENSION HORIZONTAL
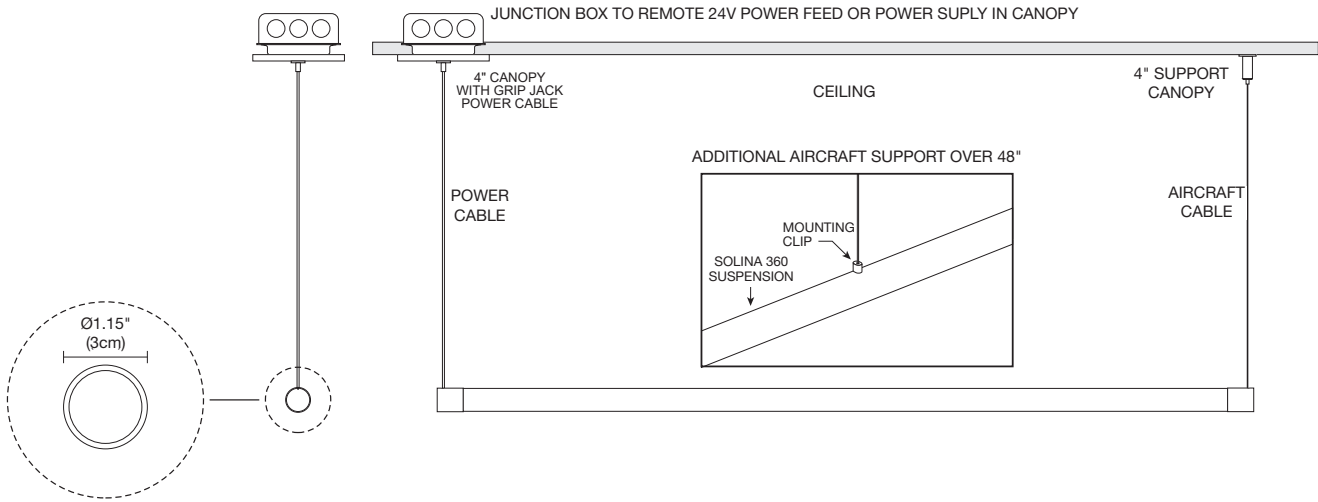## 24VDC REMOTE POWER, END FEED

Drawings: Drawings are shown with 2" round canopy and 4" round canopy.

Application: 0-10V dimming for Solina 360 with Remote Power—End Feed

Remote Power Supplies: Class 2: 24VDC output; 120VAC input.

4R with two 4" Round Canopies

JUNCTION BOX TO REMOTE 24V POWER FEED OR POWER SUPLY IN CANOPY

4" CANOPY WITH GRIP JACK POWER CABLE

CEILING

4" SUPPORT CANOPY

ADDITIONAL AIRCRAFT SUPPORT OVER 48"

POWER CABLE

MOUNTING CLIP

SOLINA 360 SUSPENSION

AIRCRAFT CABLE

Ø1.15" (3cm)

4R with two 4" Round Powered Canopies

JUNCTION BOX

CEILING

JUNCTION BOX

4" CANOPY

SUPPORT STANDOFF

SWAG HOOK

4" CANOPY

POWER CABLE

AIRCRAFT CABLE

POWER CABLE

PROJECT		FIXTURE TYPE		DATE	

SOLINA 360 SUSPENSION HORIZONTAL
24VDC REMOTE POWER, END FEED

PURE EDGE
Pure Smart Lighting

2R with two 2" Round Canopies

JUNCTION BOX

CEILING

2" CANOPY

2" SUPPORT
CANOPY

POWER
CABLE

AIRCRAFT
CABLE

Ø1.15"
(3cm)

VR with Vanishing Point

JUNCTION BOX

CEILING

VANISHING
POINT

SUPPORT
STANDOFF

POWER
CABLE

AIRCRAFT
CABLE

Ø1.15"
(3cm)

Additional aircraft
support over 48"

MOUNTING
CLIP

SOLINA 360
SUSPENSION

PROJECT		FIXTURE TYPE		DATE	

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REV 09.02.25

TM-30-15 DATA: The data below is for bare LED Static White Strip. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.
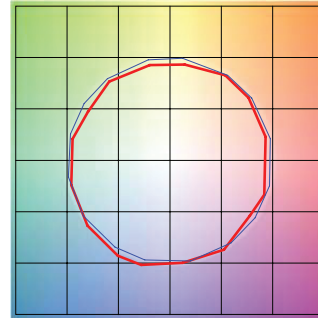

2400K | Rf: 84.5 | Rg: 94.4
Color Vector Graphic
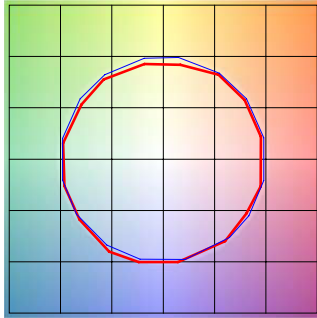
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	92	-2.4%	1.5%
2	94.7	-2.1%	-0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

2700K | Rf: 87.7 | Rg: 96.1
Color Vector Graphic

Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	88.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

3000K | Rf: 88.1 | Rg: 99.7
Color Vector Graphic
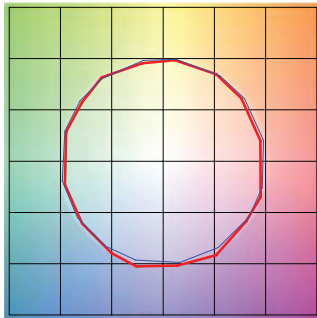
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

3500K | Rf: 86.1 | Rg: 95.5
Color Vector Graphic
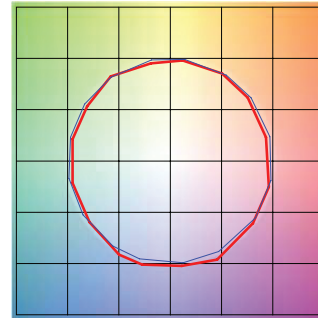
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

4000K | Rf: 87.6 | Rg: 96.8
Color Vector Graphic
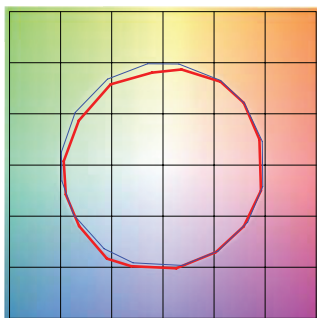
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	88.9	-2.4%	2.5%
2	93.3	-0.4%	0.8%
3	94.8	-1.0%	-0.6%
4	87.9	-4.9%	-3.6%
5	85.3	-9.4%	-2.6%
6	90.2	-6.0%	0.2%
7	85.3	-7.6%	4.6%
8	83.7	-4.1%	8.2%
9	79.5	-1.1%	13.8%
10	78.6	1.5%	12.1%
11	83.5	6.4%	7.8%
12	90.9	3.6%	-1.1%
13	88.3	1.7%	-6.3%
14	91.9	-0.4%	-2.2%
15	84.5	-0.9%	-5.5%
16	84.7	-1.1%	-4.4%

PROJECT		FIXTURE TYPE		DATE	

SUSPENSION TM30 DATA
24VDC REMOTE POWER, END FEED

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TM-30-15 DATA: The data below is for bare LED Warm Dim Strip. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.
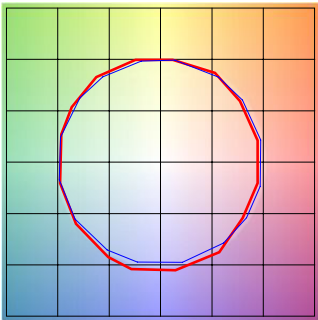
2700D | Rf: 90.7 | Rg: 101.1

Color Vector Graphic
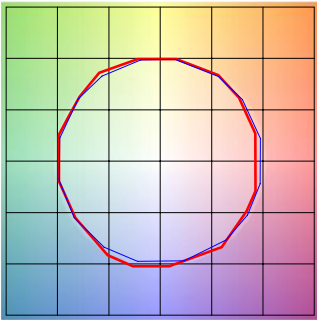
Test   Reference

| | | GRAPHIC SHIFTS % | |
HUE BIN	Rf	CHROMA	HUE
1	90.9	-4.1%	1.1%
2	91.8	-2.2%	3.2%
3	89.0	0.2%	5.0%
4	92.9	-1.1%	0.8%
5	93.9	1.1%	1.7%
6	93.3	3.3%	0.0%
7	93.1	-0.5%	-1.9%
8	97.2	-0.3%	-0.9%
9	93.4	-1.0%	3.2%
10	89.9	-0.1%	5.6%
11	87.0	4.7%	7.2%
12	89.2	5.8%	-0.2%
13	89.1	3.5%	-6.7%
14	86.3	4.1%	-9.2%
15	91.4	-2.0%	-3.6%
16	84.7	-2.1%	-10.3%

3000D | Rf: 90.6 | Rg: 101.1

Color Vector Graphic

Test   Reference

| | | GRAPHIC SHIFTS % | |
HUE BIN	Rf	CHROMA	HUE
1	91.5	-3.5%	1.3%
2	92.2	-1.8%	3.0%
3	89.3	0.5%	4.8%
4	92.7	-1.1%	0.6%
5	93.3	0.5%	1.4%
6	93.8	2.7%	-0.8%
7	91.2	-2.1%	-0.2%
8	97.0	-0.5%	-0.7%
9	92.5	-0.7%	3.8%
10	88.3	0.9%	7.1%
11	87.5	3.9%	7.6%
12	88.2	6.2%	-0.2%
13	89.9	3.4%	-6.0%
14	86.9	4.4%	-8.5%
15	91.9	-1.9%	-2.9%
16	84.7	-1.3%	-10.6%

| PROJECT | | FIXTURE TYPE | | DATE | |

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