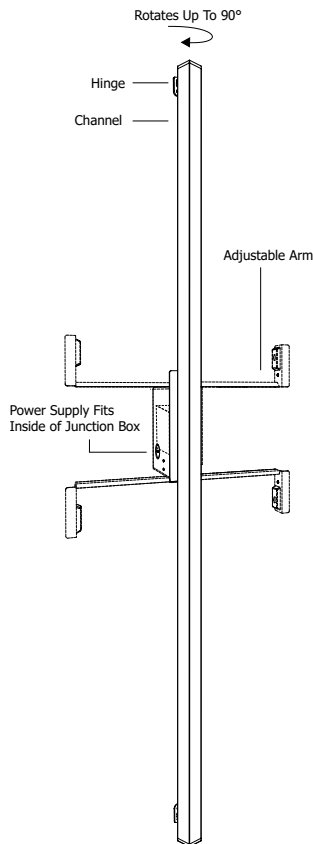
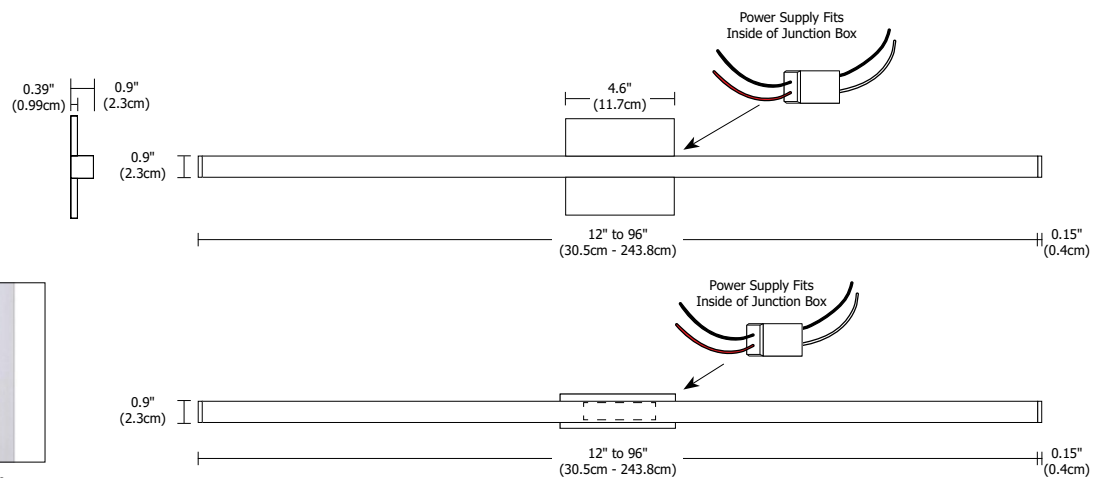


TWIGGY D1, HINGED DIRECT 1" LENS 120V/24VDC FIXTURE, 85+ OR 95+CRI

REV.04.06.17



Description:

Twigg D1 Hinged features an adjustable direct 1 inch milky white diffuser lens that provides uniform light without hotspots. At 5 watts per foot, the 24 Volt DC Vanity contains high CRI white LEDs for excellent color rendering. Warm Dim options are 2700K (27D) or 3000K (30D) at 100% and dim to 2200K. Twigg D1 is available in 12 inch increments up to 96 inches. May be ordered by the inch (see page 3 of spec sheet for exact dimensions/overall length with end caps). Fixture uses a 24VDC Class 2 electronic low voltage LED power supply (included). Power supply fits inside a standard square 4 inch electrical box with round plaster ring and floating split canopy (4SQ) or the Slim Profile Junction Box (1RE) that does not require a canopy. Twigg is dimmable with an electronic low voltage dimmer. Fixtures include a 5 year warranty.

Finish:

Satin Aluminum, Satin Nickel, Chrome, Antique Bronze, Satin Black and White

Applications:

Indoor Only - Bathroom vanity, architectural lighting, task lighting, general lighting, cove, and retail

Lamp: 50,000 Hour Lamp Life

| Version | Watts per Foot | Lumens | | 85+CRI | 92+CRI | 95+CRI |
|-------------|-------------------|----------|----------|--------------------|----------|----------|
| | | per Watt | per Foot | 22K, 35K, 40K, 57K | 27D, 30D | 27K, 30K |
| TWH2 | 5 | 47 | 235 | ● | ● | ● |

Lumen values are based on the 3000K LED test.

Power Supply:

120V input, 24VDC Class 2 output; electronic low voltage LED power supply (included) fits inside standard junction box

Dimming:

Dimmable with electronic low voltage dimmer:
 Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2 dimmers recommended

| Product | Lens | Canopy | Length In Inches | Color Temperature | Finish |
|-------------------------------------|---------------------|---|--|---|--|
| TWH2 | D1 | 1RE | 12IN | 27K | SA |
| TWH2 Twigg Hinged 24 Volt DC | D1 Direct 1" | 4SQ 4" Square 1RE 1" Rectangle with Junction Box | 12-96 Order in various increments from 12 inches up to 96 inches* Chrome max 84". | 22K 2200K Amber White 27K 2700K Very Warm White 27D 2700K Warm Dim 30K 3000K Warm White 30D 3000K Warm Dim 35K 3500K Neutral White 40K 4000K Cool White 57K 5700K Daylight White | SA Satin Aluminum SN Satin Nickel CH Chrome (Max 84") BZ Antique Bronze BK Satin Black WH White |

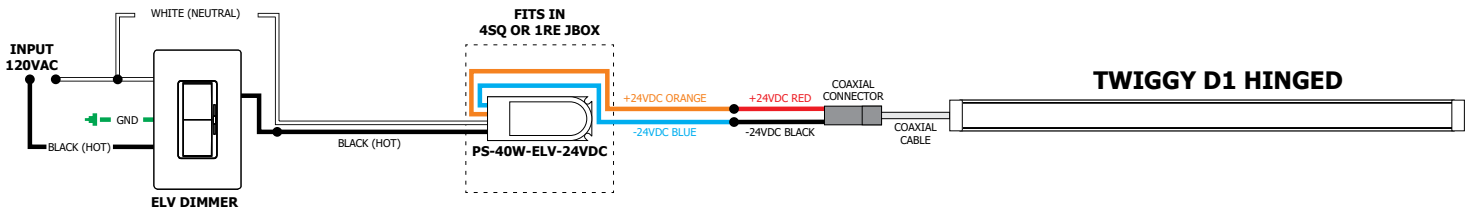
* See page 3 of spec sheet for actual lengths



Application: ELV Dimming with an ELV Power Supply and ELV Dimmer for Twiggy D1 Hinged

Power Supply: Remote, Class 2, 24VDC output: 120VAC input, PS-40W-ELV-24VDC

Dimming: Dimmable with Individual ELV Dimmers using power supplies above: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2.



PROJECT:

FIXTURE
TYPE:

DATE:

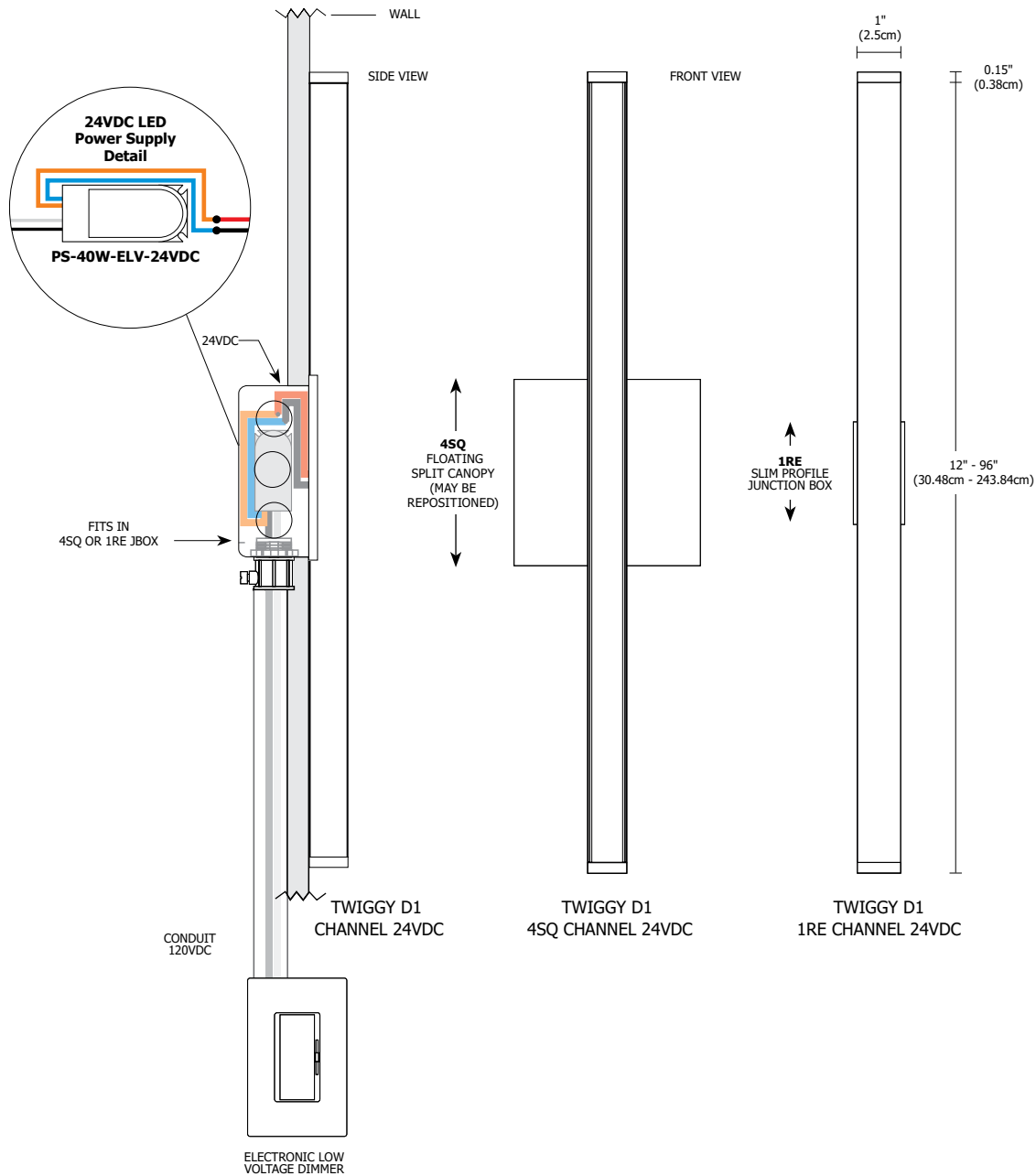
EDGE
LIGHTING

TWIGGY D1, HINGED DIRECT 1" LENS 120V/24VDC FIXTURE, 85+ OR 95+CRI

REV.04.06.17

ASSEMBLED IN AMERICA

- Application:** ELV Electronic low voltage dimming for Twiggy D1 Hinged
- Power Supply:** 120V input, 24VDC class 2 output; electronic low voltage LED power supply (included) that fits inside standard junction box
- Dimming:** Dimmable with ELV Dimmers using power supply: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2.



PROJECT:

FIXTURE
TYPE:

DATE:

EDGE
LIGHTING

Please refer to chart below for overall length (with end caps) of Twiggy Hinged

22K, 27K, 30K, 35K, 40K and 57K

| ORDERING CODE | OVERALL LENGTH (INCHES) |
|---------------|-------------------------|
| 12IN | 13.1 |
| 15IN | 15.5 |
| 17IN | 17.9 |
| 20IN | 20.3 |
| 22IN | 22.7 |
| 24IN | 25.1 |
| 27IN | 27.5 |
| 29IN | 29.9 |
| 32IN | 32.3 |
| 34IN | 34.7 |
| 36IN | 37.1 |
| 39IN | 39.5 |
| 41IN | 41.9 |
| 44IN | 44.3 |
| 46IN | 46.7 |
| 48IN | 49.1 |
| 51IN | 51.5 |
| 53IN | 53.9 |
| 56IN | 56.3 |
| 58IN | 58.7 |
| 60IN | 61.1 |
| 63IN | 63.5 |
| 65IN | 65.9 |
| 68IN | 68.3 |
| 70IN | 70.7 |
| 72IN | 73.1 |
| 75IN | 75.5 |
| 77IN | 77.9 |
| 80IN | 80.3 |
| 82IN | 82.7 |
| 84IN | 85.1 |
| 87IN | 87.5 |
| 89IN | 89.9 |
| 92IN | 92.3 |
| 94IN | 94.7 |
| 96IN | 97.1 |

27D and 30D

| ORDERING CODE | OVERALL LENGTH (INCHES) |
|---------------|-------------------------|
| 12IN | 13.1 |
| 15IN | 16.1 |
| 18IN | 19.1 |
| 21IN | 22.1 |
| 24IN | 25.1 |
| 27IN | 28.1 |
| 30IN | 31.1 |
| 33IN | 34.1 |
| 36IN | 37.1 |
| 39IN | 40.1 |
| 42IN | 43.1 |
| 45IN | 46.1 |
| 48IN | 49.1 |
| 51IN | 52.1 |
| 54IN | 55.1 |
| 57IN | 58.1 |
| 60IN | 61.1 |
| 63IN | 64.1 |
| 66IN | 67.1 |
| 69IN | 70.1 |
| 72IN | 73.1 |
| 75IN | 76.1 |
| 78IN | 79.1 |
| 81IN | 82.1 |
| 84IN | 85.1 |
| 87IN | 88.1 |
| 90IN | 91.1 |
| 93IN | 94.1 |
| 96IN | 97.1 |

PROJECT:

FIXTURE TYPE:

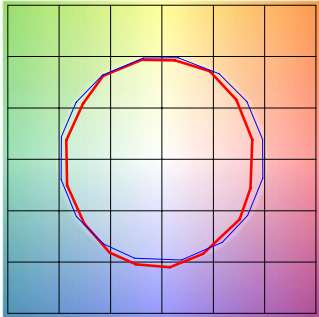
DATE:



TM-30-15 DATA: The data below is for SS5C bare LED Soft Strips. 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.

2200K | Rf: 83.9 | Rg: 94.9

COLOR VECTOR GRAPHIC

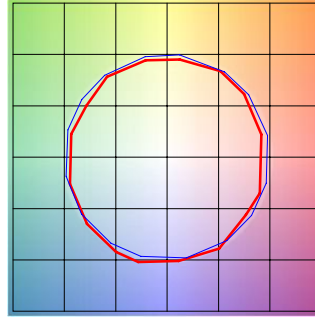


■ Test ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| | | CHROMA | HUE |
| 1 | 77.6 | -10.0% | 1.8% |
| 2 | 80.7 | -7.5% | 7.0% |
| 3 | 79.5 | -2.9% | 8.9% |
| 4 | 90.5 | -3.1% | 2.4% |
| 5 | 93.9 | -1.3% | 1.9% |
| 6 | 91.9 | -0.9% | -0.2% |
| 7 | 87.6 | -6.3% | -2.7% |
| 8 | 90.5 | -5.4% | 2.7% |
| 9 | 83.8 | -4.7% | 6.5% |
| 10 | 81.2 | -2.5% | 10.0% |
| 11 | 83.3 | 3.9% | 9.4% |
| 12 | 86.4 | 5.6% | 2.6% |
| 13 | 86.2 | 4.5% | -12.4% |
| 14 | 64.3 | -1.0% | -21.9% |
| 15 | 85.1 | -4.4% | -7.5% |
| 16 | 75.0 | -9.9% | -12.0% |

2700K | Rf: 87.7 | Rg: 96.1

COLOR VECTOR GRAPHIC

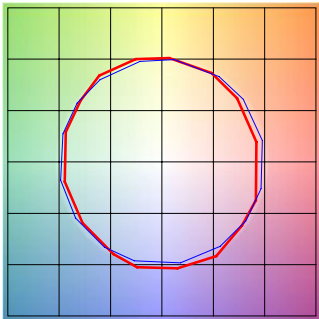


■ Test ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| | | CHROMA | HUE |
| 1 | 86.4 | -5.6% | 2.3% |
| 2 | 89.7 | -3.3% | 3.1% |
| 3 | 90.5 | -1.5% | 3.8% |
| 4 | 90.0 | -4.3% | 1.1% |
| 5 | 92.9 | -3.7% | 0.2% |
| 6 | 93.5 | -2.5% | -0.8% |
| 7 | 86.3 | -7.2% | 2.5% |
| 8 | 90.7 | -4.0% | 3.2% |
| 9 | 85.2 | -2.4% | 8.1% |
| 10 | 81.7 | 0.9% | 10.8% |
| 11 | 85.4 | 4.5% | 8.9% |
| 12 | 88.7 | 5.7% | -1.4% |
| 13 | 88.3 | 1.3% | -7.9% |
| 14 | 85.1 | 2.4% | -10.4% |
| 15 | 88.1 | -4.8% | -2.7% |
| 16 | 81.7 | -4.3% | -10.9% |

3000K | Rf: 88.1 | Rg: 99.7

COLOR VECTOR GRAPHIC

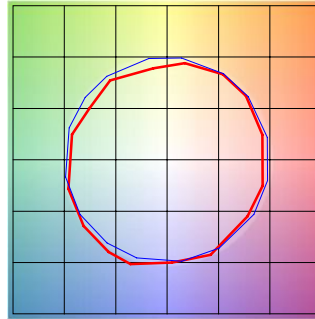


■ Test ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| | | CHROMA | HUE |
| 1 | 87.7 | -5.9% | -0.3% |
| 2 | 87.9 | -4.4% | 4.3% |
| 3 | 82.9 | -1.2% | 7.9% |
| 4 | 89.9 | 0.6% | 4.7% |
| 5 | 92.7 | 3.0% | 3.5% |
| 6 | 92.7 | 3.6% | -1.7% |
| 7 | 90.8 | -1.3% | -4.4% |
| 8 | 93.7 | -2.5% | -2.2% |
| 9 | 91.7 | -3.7% | 2.3% |
| 10 | 85.5 | -2.8% | 7.8% |
| 11 | 83.3 | 0.7% | 11.0% |
| 12 | 86.4 | 5.5% | 3.8% |
| 13 | 90.6 | 4.6% | -3.6% |
| 14 | 85.6 | 5.9% | -8.4% |
| 15 | 89.5 | -0.6% | -5.7% |
| 16 | 82.6 | -2.7% | -12.0% |

3500K | Rf: 86.1 | Rg: 95.5

COLOR VECTOR GRAPHIC

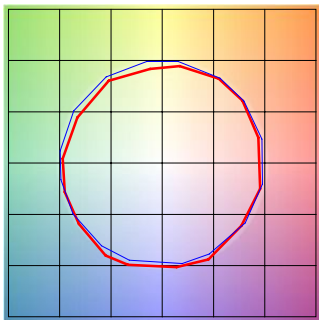


■ Test ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| | | CHROMA | HUE |
| 1 | 86.6 | -4.2% | 3.4% |
| 2 | 91.7 | -1.4% | 1.8% |
| 3 | 94.9 | -0.7% | 0.4% |
| 4 | 87.9 | -4.5% | -4.1% |
| 5 | 85.9 | -10.3% | -2.7% |
| 6 | 89.8 | -5.2% | -0.4% |
| 7 | 79.6 | -9.5% | 6.5% |
| 8 | 87.6 | -4.0% | 5.7% |
| 9 | 81.4 | -0.5% | 11.8% |
| 10 | 78.3 | 3.3% | 11.4% |
| 11 | 85.7 | 6.3% | 6.1% |
| 12 | 86.3 | 7.1% | -4.6% |
| 13 | 86.1 | -0.7% | -9.6% |
| 14 | 85.1 | 0.8% | -10.4% |
| 15 | 83.4 | -4.1% | -5.3% |
| 16 | 82.5 | -3.6% | -5.7% |

4000K | Rf: 87.6 | Rg: 96.8

COLOR VECTOR GRAPHIC

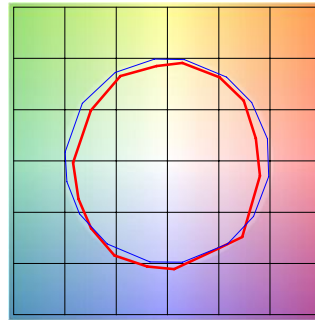


■ Test ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
|---------|------|------------------|-------|
| | | CHROMA | HUE |
| 1 | 89.0 | -3.1% | 2.1% |
| 2 | 93.2 | -0.9% | 1.3% |
| 3 | 94.3 | -1.1% | 0.7% |
| 4 | 89.5 | -4.0% | -2.3% |
| 5 | 87.6 | -7.8% | -1.8% |
| 6 | 92.2 | -4.6% | 0.1% |
| 7 | 87.4 | -6.6% | 3.6% |
| 8 | 85.7 | -3.8% | 7.0% |
| 9 | 81.5 | -1.3% | 12.4% |
| 10 | 80.0 | 0.9% | 11.4% |
| 11 | 83.3 | 5.9% | 8.7% |
| 12 | 89.7 | 4.8% | -0.3% |
| 13 | 88.5 | 2.4% | -6.3% |
| 14 | 92.7 | 4.0% | -3.8% |
| 15 | 86.1 | -1.6% | -4.5% |
| 16 | 85.0 | -1.4% | -5.0% |

5700K | Rf: 80.3 | Rg: 91.5

COLOR VECTOR GRAPHIC



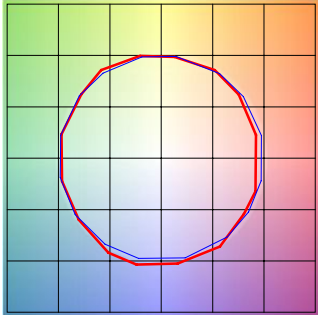
■ Test ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| | | CHROMA | HUE |
| 1 | 73.8 | -11.2% | 2.6% |
| 2 | 83.7 | -5.5% | 5.8% |
| 3 | 84.2 | -4.0% | 5.5% |
| 4 | 85.8 | -3.5% | 1.3% |
| 5 | 85.3 | -7.1% | 0.6% |
| 6 | 89.2 | -5.8% | -2.2% |
| 7 | 81.5 | -10.7% | 1.2% |
| 8 | 75.7 | -9.7% | 8.5% |
| 9 | 74.9 | -7.8% | 18.8% |
| 10 | 67.8 | -1.6% | 18.0% |
| 11 | 76.1 | 5.5% | 12.0% |
| 12 | 90.8 | 4.9% | -1.6% |
| 13 | 83.6 | 5.0% | -9.5% |
| 14 | 81.7 | -1.2% | -10.0% |
| 15 | 69.0 | 2.0% | -22.8% |
| 16 | 83.2 | -8.5% | -1.0% |

TM-30-15 DATA: The data below is for SS5C bare LED Soft Strips. 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: 89.5 | Rg: 100.8

COLOR VECTOR GRAPHIC

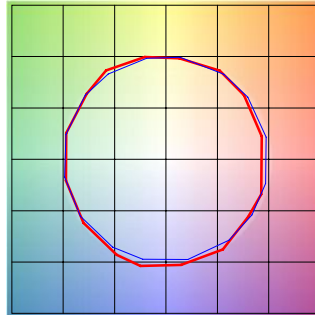


■ Test ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| | | CHROMA | HUE |
| 1 | 88.8 | -5.1% | 1.4% |
| 2 | 89.8 | -2.7% | 4.1% |
| 3 | 87.2 | 0.3% | 5.9% |
| 4 | 92.3 | -0.9% | 1.0% |
| 5 | 93.3 | 1.5% | 1.7% |
| 6 | 92.4 | 3.6% | -0.2% |
| 7 | 92.2 | -0.9% | -2.4% |
| 8 | 96.7 | -0.4% | -1.1% |
| 9 | 92.3 | -1.2% | 3.7% |
| 10 | 88.9 | -0.0% | 6.1% |
| 11 | 86.4 | 5.1% | 7.4% |
| 12 | 88.2 | 6.3% | -0.9% |
| 13 | 87.2 | 3.8% | -8.1% |
| 14 | 84.2 | 3.8% | -11.0% |
| 15 | 89.8 | -2.6% | -4.3% |
| 16 | 82.7 | -3.4% | -11.1% |

3000D | Rf: 89.8 | Rg: 101.4

COLOR VECTOR GRAPHIC



■ Test ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| | | CHROMA | HUE |
| 1 | 90.2 | -4.2% | 1.5% |
| 2 | 90.9 | -2.0% | 3.7% |
| 3 | 87.9 | 0.8% | 5.5% |
| 4 | 92.1 | -0.9% | 0.6% |
| 5 | 93.0 | 1.5% | 1.6% |
| 6 | 92.2 | 3.9% | -0.2% |
| 7 | 92.1 | -0.3% | -2.0% |
| 8 | 96.7 | 0.0% | -1.2% |
| 9 | 92.5 | -0.6% | 3.7% |
| 10 | 88.3 | 1.1% | 7.0% |
| 11 | 87.2 | 4.1% | 7.4% |
| 12 | 87.2 | 6.7% | -1.0% |
| 13 | 88.2 | 3.8% | -7.2% |
| 14 | 85.3 | 4.3% | -9.9% |
| 15 | 90.9 | -2.2% | -3.6% |
| 16 | 83.4 | -2.2% | -11.2% |

PROJECT:

FIXTURE
TYPE:

DATE:

