



FLEX STP 20 is a high performance flexible LED fixture distinguished by its extremely tight LED pitch and ability to blend in shallow channels, making it perfect for direct view applications.

ELECTRICAL

Input Voltage	24VDC
Dimming Options	• PURE DC™ • MLV • 0-10V • DMX • Lutron (2-WIRE, 3-WIRE, EcoSystem)
Power Consumption	2.0 Watts per foot
Wire Size	20AWG, 2 wire
Regulatory	ETL - Conforms to UL Std. 2108; Certified to CSA Std. C22.2 No. 9.0 Title 24 - Selected models are JA8 2016 compliant when used with 0-10V, DMX, or Lutron Premier dimming.

PHYSICAL

Field Cuttable	Every 0.90" (22.86mm)
Operating Temperature	-20° C (-40°F) to +50°C (+122°F)
Environment	IP20 - Dry Location
Maximum Single Run Length	40.00' (Up to 48' total on a 96W driver)
Dimensions (WxH)	0.39" (10.00mm) x 0.07" (1.78mm)

ACCESSORIES

Channels	Optic Arts® Channel (pg. 3-6)
Mounting Clips	FLEXMNT.SIL.EXT12 (pg. 7)
Connectors	LC-I2P-M, LC-I2P-F (pg. 7)
Strain Relief	FLEX.ZIP (pg. 7)

LUMEN OUTPUT

1800K	119.00 lm/ft 59.50 lm/Watt
2350K	158.00 lm/ft 79.00 lm/Watt
2750K JA8 2016¹	177.00 lm/ft 88.50 lm/Watt
2930K JA8 2016¹	189.00 lm/ft 94.50 lm/Watt
3550K JA8 2016¹	189.00 lm/ft 94.50 lm/Watt

Note: Stated lumen values have a tolerance of +/- 10%.

1: JA8 2016 when used with 0-10V, DMX, or Lutron Premier dimming.

PERFORMANCE

CRI	2350-3550K = 95+, 1800K = 90+
TM-30	See pages 14-18
Lumen Maintenance	When used in Optic Arts® CHS-S-1208 or larger channel: 50,000 Hours L70
Binning Tolerance	+/- 100K
Warranty	5 years

PART NUMBER BUILDER

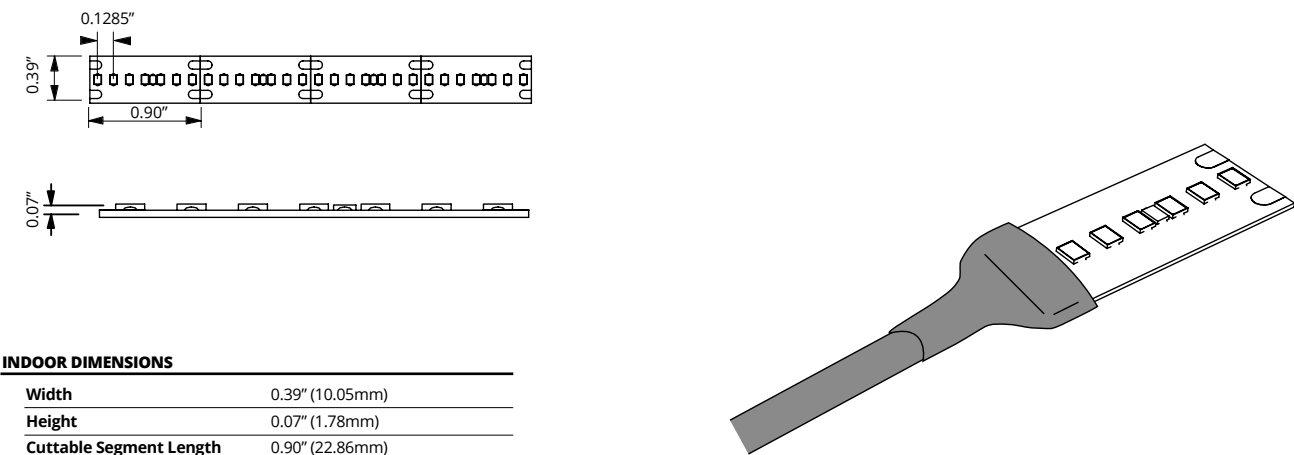
SERIES	+	IP RATING	+	COLOR	+	VOLTAGE	+	WATTAGE	+	LENGTH
FLEXSTP		20 = IP20 - Dry Location		18 = 1800K 23 = 2350K 27 = 2750K ¹ 29 = 2930K ¹ 35 = 3550K ¹		24 = 24 VDC		20 = 2.0W		XX = Custom Length
1: JA8 2016 when used with 0-10V, DMX, or Lutron Premier dimming.										

DIMENSIONS

Optic Arts® cuts all FLEX STP and Channel products to length per customer specifications. Each length of FLEX STP is fitted with a 6' wire lead (custom lengths available upon request) and packaged on a reel in an anti-static bag. Bags are labeled with fixture type, length and location (if applicable). Each piece of channel is labeled with fixture type, length and location (if applicable), and is bundled by fixture type.

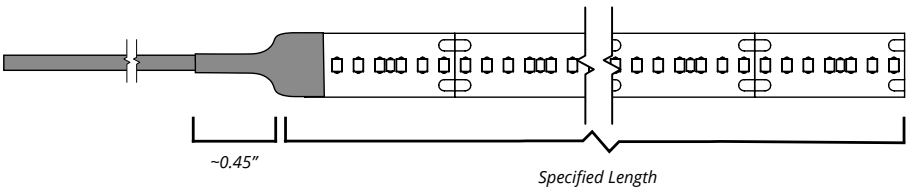
- Due to the nature of the FLEX STP product, specific lengths may not fall exactly on a cutting point. In this case, Optic Arts® will always cut to the smaller dimension unless otherwise specified.
- Unless otherwise specified, channel is cut 15mm longer than FLEX STP.
- Some on-site assembly required. See installation guides for details.

INDOOR FLEX STP 20



INDOOR DIMENSIONS	
Width	0.39" (10.05mm)
Height	0.07" (1.78mm)
Cuttable Segment Length	0.90" (22.86mm)
Pitch Length	0.1285" (3.26mm)
Max Run Length	40.00' (12192.00mm)

INDOOR FLEX STP 20



KEY

CHANNEL PART NUMBER BREAKDOWN:

CHS	+	R	+	1208
SERIES		APPLICATION		DIMENSIONS
CHS = Slim Channel CHW = Wide Channel		S = Surface Mount R = Recessed Mount C = Corner Mount H = Hanging Mount		XXXX = W x H (mm)

CHS-R-1208



Click on channel titles below to access complete channel cut sheets



Not Blended



Blended w/Milky Lens



Center Blend

CHS-R-1208



MATERIAL

Anodized Aluminum

DESCRIPTION

Slim and shallow recessed channel.

LENGTH

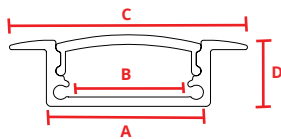
2 meter

LENS TYPES

Clear	CHS-12mm-CC
Frosted	CHS-12mm-CF
Milky	CHS-12mm-CM

ACCESSORIES

Endcap	CHS-R-1208-EC
Endcap w/hole	CHS-R-1208-ECH



A: 0.68" (17.25mm)
B: 0.50" (12.59mm)
C: 0.98" (25.00mm)
D: 0.34" (8.60mm)

CHS-S-1208



MATERIAL

Anodized Aluminum

DESCRIPTION

Slim and shallow surface mounted channel.

LENGTH

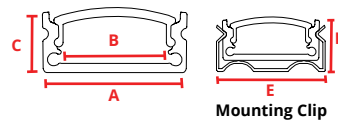
2 meter

LENS TYPES

Clear	CHS-12mm-CC
Frosted	CHS-12mm-CF
Milky	CHS-12mm-CM
Grazer	CHS-12mm-CG

ACCESSORIES

Endcap	CHS-S-1208-EC
Endcap w/hole	CHS-S-1208-ECH
Mounting Clip	CHS-S-1208-MC
Rotating Mounting Clip	CHS-S-1208-MCR



A: 0.68" (17.25mm)
B: 0.50" (12.59mm)
C: 0.34" (8.60mm)
D: 0.40" (12.70mm)
E: 0.78" (19.90mm)

CHS-C-1919



MATERIAL

Anodized Aluminum

DESCRIPTION

Slim corner mount channel.

LENGTH

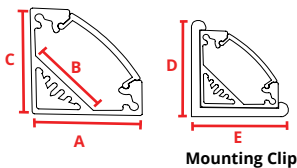
2 meter

LENS TYPES

Clear	CHS-12mm-CC
Frosted	CHS-12mm-CF
Milky	CHS-12mm-CM

ACCESSORIES

Endcap	CHS-C-1919-EC
Endcap w/hole	CHS-C-1919-ECH
Mounting Clip	CHS-C-1919-MC



A: 0.73" (18.50mm)
B: 0.48" (12.20mm)
C: 0.73" (18.50mm)
D: 0.82" (20.82mm)
E: 0.82" (20.82mm)

CHS-R-1715



MATERIAL

Anodized Aluminum

DESCRIPTION

Slim and deep recessed channel. Eliminates visible LED nodes when used with FLEXDC 3.0 and milky lens.

LENGTH

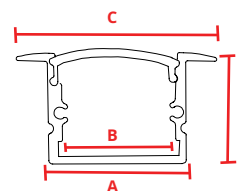
2 meter

LENS TYPES

Clear	CHS-12mm-CC
Frosted	CHS-12mm-CF
Milky	CHS-12mm-CM
Grazer	CHS-12mm-CG

ACCESSORIES

Endcap	CHS-R-1715-EC
Endcap w/hole	CHS-R-1715-ECH



A: 0.68" (17.25mm)
B: 0.48" (12.30mm)
C: 0.98" (25.00mm)
D: 0.59" (15.05mm)



Not Blended



Blended w/Milky Lens



Centered Blend

CHS-S-1715



MATERIAL

Anodized Aluminum

DESCRIPTION

Slim and deep surface mounted channel. Eliminates visible LED nodes when used with FLEXDC 3.0 and milky lens.

LENGTH

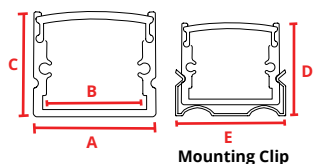
2 meter

LENS TYPES

Clear CHS-12mm-CC
Frosted CHS-12mm-CF
Milky CHS-12mm-CM
Grazer CHS-12mm-CG

ACCESSORIES

Endcap CHS-S-1715-EC
Endcap w/hole CHS-S-1715-ECH
Mounting Clip CHS-S-1715-MC
Rotating Mounting Clip CHS-S-1715-MCR



A: 0.68" (17.25mm)
B: 0.48" (12.30mm)
C: 0.59" (15.05mm)
D: 0.66" (16.76mm)
E: 0.78" (19.90mm)

Mounting Clip

CHS-C-1616



MATERIAL

Anodized Aluminum

DESCRIPTION

Slim corner mount channel with rounded lens.

LENGTH

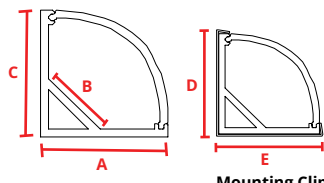
2 meter

LENS TYPES

Frosted CHS-C-1616-CF
Milky CHS-C-1616-CM

ACCESSORIES

Endcap CHS-C-1616-EC
Endcap w/hole CHS-C-1616-ECH
Mounting Clip CHS-C-1616-MC



A: 0.63" (16.00mm)
B: 0.39" (10.00mm)
C: 0.63" (16.00mm)
D: 0.70" (17.78mm)
E: 0.70" (17.78mm)

Mounting Clip

CHS-S-1922S



MATERIAL

Anodized Aluminum

DESCRIPTION

Slim surface mounted channel with square wrap around lens. Mounting clip is fully concealed within fixture base.

LENGTH

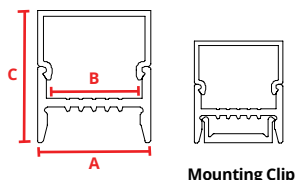
2 meter

LENS TYPES

Milky CHW-S-1922S-CM

ACCESSORIES

Endcap CHS-S-1922S-EC
Endcap w/hole CHS-S-1922S-ECH
Mounting Clip CHS-S-1922S-MC



A: 0.77" (19.50mm)
B: 0.65" (16.50mm)
C: 0.86" (21.80mm)

Mounting Clip

CHS-S-1922R



MATERIAL

Anodized Aluminum

DESCRIPTION

Slim surface mounted channel with rounded wrap around lens. Mounting clip is fully concealed within fixture base.

LENGTH

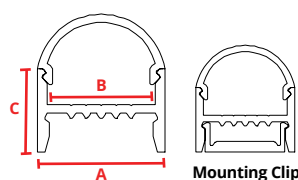
2 meter

LENS TYPES

Milky CHW-S-1922R-CM

ACCESSORIES

Endcap CHS-S-1922R-EC
Endcap w/hole CHS-S-1922R-ECH
Mounting Clip CHS-S-1922R-MC



A: 0.77" (19.50mm)
B: 0.65" (16.50mm)
C: 0.86" (21.80mm)

Mounting Clip

CHW-S-2010



MATERIAL

Anodized Aluminum

DESCRIPTION

Low profile surface mounted channel.

LENGTH

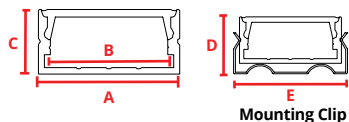
2 meter

LENS TYPES

Clear CHW-S-2010-CC
Frosted CHW-S-2010-CF
Milky CHW-S-2010-CM

ACCESSORIES

Endcap CHW-S-2010-EC
Endcap w/hole CHW-S-2010-ECH
Mounting Clip CHW-S-2010-MC
Rotating Mounting Clip CHW-S-2010-MCR



A: 0.93" (23.50mm)
B: 0.78" (20.00mm)
C: 0.39" (10.00mm)
D: 0.48" (12.19mm)
E: 1.02" (25.80mm)

Mounting Clip

CHW-R-2010



MATERIAL

Anodized Aluminum

DESCRIPTION

Recessed wide-profile channel.

LENGTH

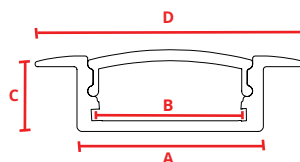
2 meter

LENS TYPES

Clear CHW-R-2010-CC
Frosted CHW-R-2010-CF
Milky CHW-R-2010-CM

ACCESSORIES

Endcap CHW-R-2010-EC
Endcap w/hole CHW-R-2010-ECH



A: 0.93" (23.50mm)
B: 0.78" (20.00mm)
C: 0.39" (10.00mm)
D: 1.19" (30.24mm)



Not Blended



Blended w/Milky Lens



Centered Blend

CHW-C-3030



MATERIAL

Anodized Aluminum

DESCRIPTION

45 degree channel with rounded lens.

LENGTH

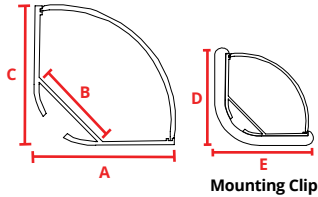
2 meter

LENS TYPES

Clear CHW-C-3030-CC
Frosted CHW-C-3030-CF
Milky CHW-C-3030-CM

ACCESSORIES

Endcap CHW-C-3030-EC
Endcap w/hole CHW-C-3030-ECH
Mounting Clip CHW-C-3030-MC



A: 1.18" (30.00mm)

B: 0.78" (20.20mm)

C: 1.18" (30.00mm)

D: 1.29" (32.77mm)

E: 1.29" (32.77mm)

CHW-C-3030S



MATERIAL

Anodized Aluminum

DESCRIPTION

45 degree channel with square lens.

LENGTH

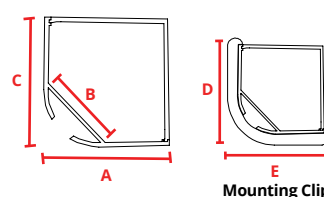
2 meter

LENS TYPES

Clear CHW-C-3030S-CC
Frosted CHW-C-3030S-CF
Milky CHW-C-3030S-CM

ACCESSORIES

Endcap CHW-C-3030S-EC
Endcap w/hole CHW-C-3030S-ECH
Mounting Clip CHW-C-3030S-MC



A: 1.18" (30.00mm)

B: 0.78" (20.20mm)

C: 1.18" (30.00mm)

D: 1.29" (32.77mm)

E: 1.29" (32.77mm)

CHW-S/H-3535



MATERIAL

Anodized Aluminum

DESCRIPTION

Wide and deep surface mounted or hanging channel. Eliminates visible LED nodes for most FLEXDC products when used with a milky lens.

LENGTH

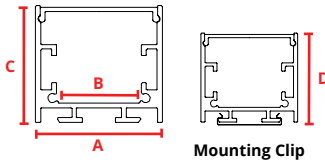
2 meter

LENS TYPES

Frosted CHW-35mm-CF
Milky CHW-35mm-CM

ACCESSORIES

Endcap CHW-S-3535-EC
Endcap w/hole CHW-S-3535-ECH
Mounting Clip CHW-S-3535-MC
Hanging Hardware CHW-SH-3535-MW
Bracket Straight CHW-S-XX35-B5
Bracket 90° Flat CHW-S-XX35-B90F
Bracket 90° Raised CHW-S-XX35-B90R
End Cap for FLEX AC CHW-S-3535-ECAC
Mounting Clip for FLEX AC CHW-S-3535-MCAC
VHB Tape VHBTAPE.AC



A: 1.39" (35.25mm)

B: 0.96" (24.50mm)

C: 1.39" (35.25mm)

D: 1.54" (39.00mm)

*Must specify for hanging or surface mount application.

CHW-R-4435



MATERIAL

Anodized Aluminum

DESCRIPTION

Wide and deep recessed channel. Eliminates visible LED nodes for most FLEXDC products when used with a milky lens. Can be securely and conveniently mounted with CHW-R-4435-SC spring clip.

LENGTH

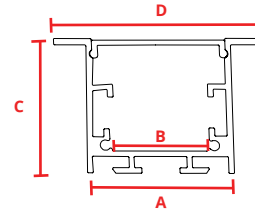
2 meter

LENS TYPES

Frosted CHW-35mm-CF
Milky CHW-35mm-CM

ACCESSORIES

Endcap CHW-R-4435-EC
Endcap w/hole CHW-R-4435-ECH
Mounting Clip CHW-R-4435-SC
Bracket Straight CHW-S-XX35-B5
Bracket 90° Flat CHW-S-XX35-B90F
Bracket 90° Raised CHW-S-XX35-B90R
End Cap for FLEX AC CHW-R-4435-ECAC
Mounting Clip for FLEX AC CHW-R-4435-MCAC
VHB Tape VHBTAPE.AC



A: 1.39" (35.25mm)

B: 0.96" (24.50mm)

C: 1.39" (35.25mm)

D: 2.00" (51.04mm)

CHW-S/H-2027



MATERIAL

Anodized Aluminum

DESCRIPTION

Small surfaced mounted or hanging channel with wrap around lens.

LENGTH

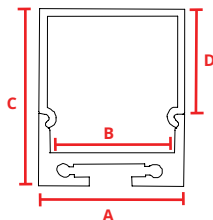
2 meter

LENS TYPES

Clear CHW-SH-2027-CC
Frosted CHW-SH-2027-CF
Milky CHW-SH-2027-CM

ACCESSORIES

Endcap CHW-SH-2027-EC
End Cap w/hole CHW-SH-2027-ECH
Hanging Hardware CHW-SH-MW
Bracket Straight CHW-SH-B5
Bracket 90° Flat CHW-SH-B90F
Bracket 90° Raised CHW-SH-B90R



A: 0.79" (20.30mm)

B: 0.66" (16.70mm)

C: 1.06" (27.00mm)

D: 0.76" (19.50mm)

*Must specify for hanging or surface mount application.

CHW-S/H-3561



MATERIAL

Anodized Aluminum

DESCRIPTION

Large surface mounted or hanging channel with wrap around lens.

LENGTH

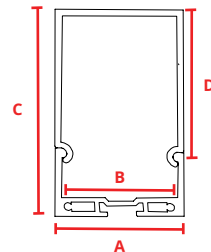
2 meter

LENS TYPES

Milky CHW-SH-3561-CM

ACCESSORIES

Endcap CHW-SH-3561-EC
End Cap w/hole CHW-SH-3561-ECH
Hanging Hardware CHW-SH-MW
Bracket Straight CHW-SH-B5
Bracket 90° Flat CHW-SH-B90F
Bracket 90° Raised CHW-SH-B90R



A: 1.38" (35.00mm)

B: 1.24" (31.40mm)

C: 2.43" (61.70mm)

D: 1.57" (39.90mm)

*Must specify for hanging or surface mount application.



Not Blended



Blended w/Milky Lens



Centered Blend

CHW-S/H-7532



MATERIAL

Anodized Aluminum

DESCRIPTION

Wide surface mounted or hanging channel with flat lens.

LENGTH

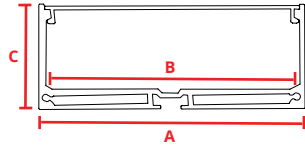
2 meter

LENS TYPES

Frosted CHW-SH-7532-CF

ACCESSORIES

Endcap CHW-SH-7532-EC
Endcap w/hole CHW-SH-7532-ECH
Hanging Hardware CHW-SH-MW
Bracket Straight CHW-SH-BS
Bracket 90° Flat CHW-SH-B90F
Bracket 90° Raised CHW-SH-B90R



A: 2.95" (75.00mm)

B: 2.52" (64.00mm)

C: 1.26" (32.00mm)

*Must specify for hanging or surface mount application.

CHW-S-2623



MATERIAL

Anodized Aluminum

DESCRIPTION

Surface mounted channel with wrap around lens.

LENGTH

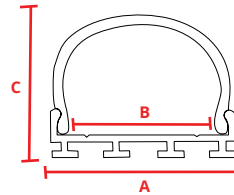
2 meter

LENS TYPES

Milky CHW-S-2623-CM

ACCESSORIES

Endcap CHW-S-2623-EC
Endcap w/hole CHW-S-2623-ECH



A: 1.03" (26.20mm)

B: 0.80" (20.35mm)

C: 0.89" (22.76mm)

CHW-S/H-3030



MATERIAL

Anodized Aluminum

DESCRIPTION

Wide and deep surface mounted or hanging channel with flat lens for even blending.

LENGTH

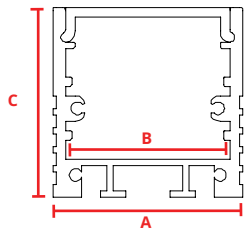
2 meter

LENS TYPES

Milky CHW-SH-3030-CM

ACCESSORIES

Endcap CHW-SH-3030-EC
Endcap w/hole CHW-SH-3030-ECH
Hanging Hardware CHW-SH-MW
Bracket Straight CHW-SH-BS
Bracket 90° Flat CHW-SH-B90F
Bracket 90° Raised CHW-SH-B90R
End Cap for FLEX AC CHW-SH-3030-ECAC
Mounting Clip for FLEX AC CHW-SH-3030-MCAC
VHB Tape VHBTAPE.AC



A: 1.18" (30.00mm)

B: 1.01" (25.60mm)

C: 1.18" (30.00mm)

*Must specify for hanging or surface mount application.

CHC-S-1921



MATERIAL

Anodized Aluminum

DESCRIPTION

Surface mount channel with flat lens. Mounts to ferrous and non-ferrous surfaces using magnets with no visible fasteners once mounted.

LENGTH

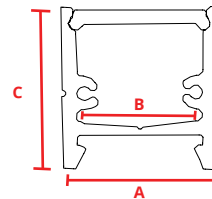
2 meter

LENS TYPES

Milky CHC-S-1921-CM

ACCESSORIES

Anodized Aluminum Endcap CHC-S-1921-EC
Anodized Aluminum Endcap w/hole CHC-S-1921-ECH
Channel Mounted Magnet CHC-S-1921-MA
Wall Mounted Magnet CHC-S-1921-M
1" Mounting Plate CHC-S-1921-B1



A: 0.76" (19.43mm)

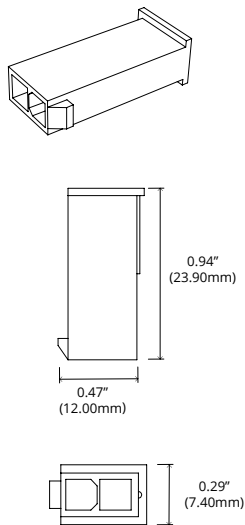
B: 0.55" (14.09mm)

C: 0.84" (21.43mm)

ACCESSORIES

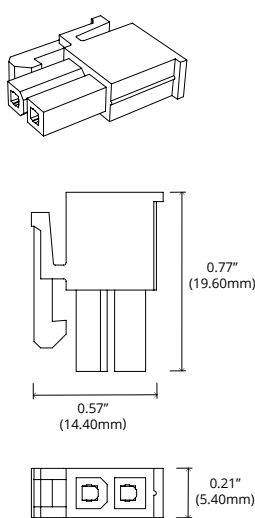
LC-I2P-M

Indoor Lead Connector
(Male)



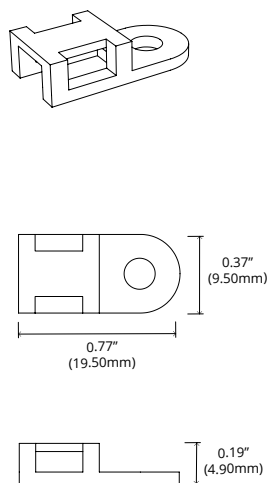
LC-I2P-F

Indoor Lead Connector
(Female)



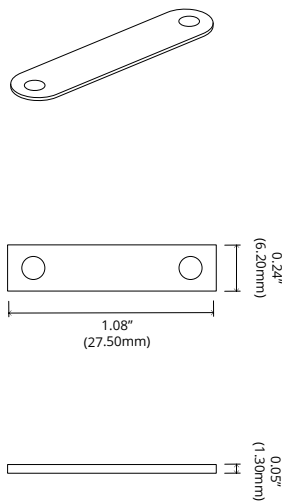
FLEX.ZIP

Strain Relief Clip

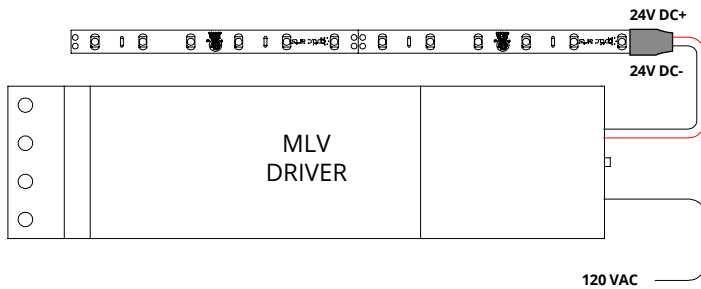


FLEXMNT.SIL.INT

Indoor Mounting Clip



COMPATIBLE DRIVERS



MLV (MLV)

PART	DESCRIPTION
ML10S24VDC	10W 120VAC DIMMABLE DRIVER
ML20S24VDC	20W 120VAC DIMMABLE DRIVER
ML35S24VDC	35W 120VAC DIMMABLE DRIVER
ML35S24VDC-277	35W 277VAC DIMMABLE DRIVER
ML40S24VDC	40W 120VAC DIMMABLE DRIVER
ML50S24VDC	50W 120VAC DIMMABLE DRIVER
ML50S24VDC-277	50W 277VAC DIMMABLE DRIVER
ML60S24VDC	60W 120VAC DIMMABLE DRIVER
ML75S24VDC	75W 120VAC DIMMABLE DRIVER
ML75S24VDC-277	75W 277VAC DIMMABLE DRIVER
ML96S24VDC	96W 120VAC DIMMABLE DRIVER
ML96S24VDC-277	96W 120VAC DIMMABLE DRIVER
EM2-200S24DC	200W 120VAC DIMMABLE DRIVER, 2 96W CIRCUITS
EM3-300S24DC	300W 120VAC DIMMABLE DRIVER, 3 96W CIRCUITS
EM2-200S24DC-277	200W 120VAC DIMMABLE DRIVER, 2 96W CIRCUITS
EM3-300S24DC-277	288W 120VAC DIMMABLE DRIVER, 3 96W CIRCUITS

DIMENSIONS

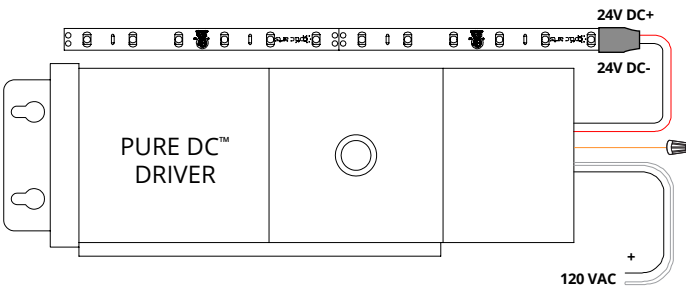
10W-50W	H 2.11"; W 7.38"; D 1.60"
60W-96W	H 3.93"; W 8.13"; D 1.59"
200-300W	H 5.69"; W 10.29"; D 3.13"

DIMMING PERFORMANCE

MLV DRIVER	Dims to 20% on most MLV dimmers
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NOTE: Must be loaded between 75%-100% of rated load to maintain FLEX DC® warranty

120 VAC WIRING



PURE DC™ MLV (PDC)

PART	DESCRIPTION
PDC.40.24	40W 120/277VAC PURE DC™ MLV DIMMABLE DRIVER
PDC.96.24	96W 120/277VAC PURE DC™ MLV DIMMABLE DRIVER

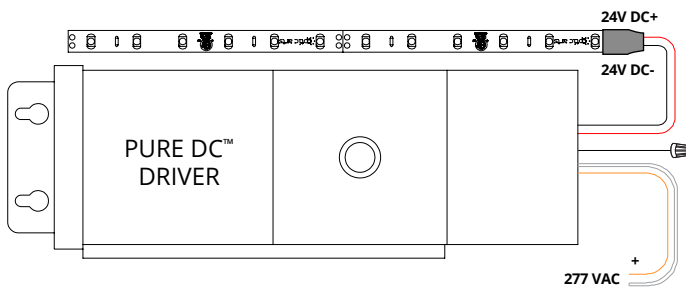
DIMENSIONS

40W	L 14.25"; W 3.00"; H 2.88"
96W	L 14.75"; W 4.31"; H 4.81"

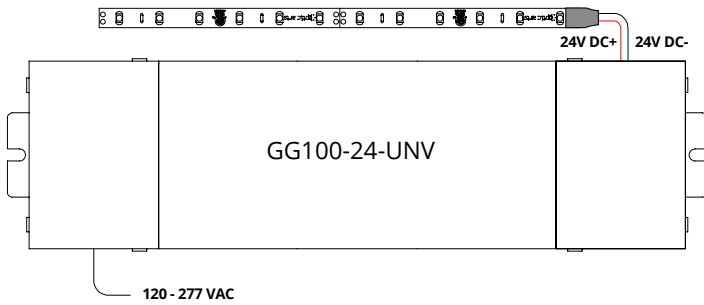
DIMMING PERFORMANCE

PURE DC™ DRIVER	Dims to 0.1% on most MLV dimmers
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277 VAC WIRING

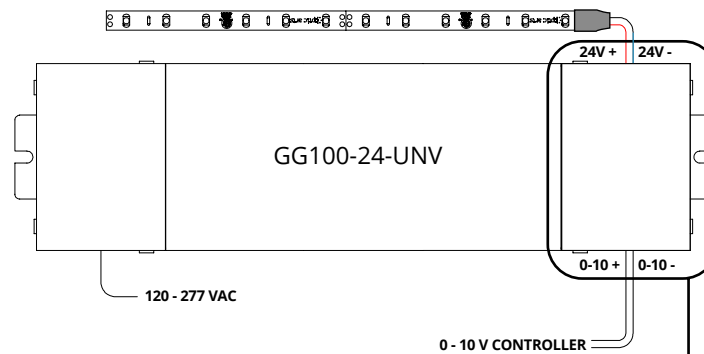


COMPATIBLE DRIVERS



ELECTRONIC DRIVER - NON-DIM (ND)

PART	DESCRIPTION
GG100E-24-UNV	96W 120-277VAC ELECTRONIC DRIVER
DIMENSIONS	
ELECTRONIC DRIVER	H 3.00"; W 11.46"; D 1.30"
DIMMING PERFORMANCE	
ELECTRONIC DRIVER	Non-Dim



ELECTRONIC DRIVER W/0-10V MODULE (010)

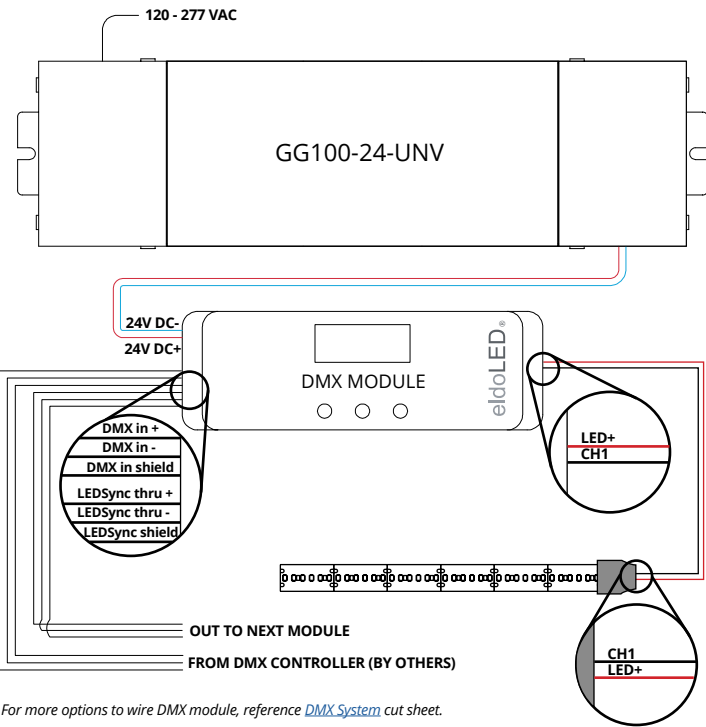
PART	DESCRIPTION
GG100E-24-UNV-010V	96W 120-277VAC ELECTRONIC DRIVER WITH 0-10V DIMMING MODULE (SINK)
DIMENSIONS	
ELECTRONIC DRIVER - 0-10V	H 3.00"; W 11.46"; D 1.30"
DIMMING PERFORMANCE	
ELECTRONIC DRIVER - 0-10V	Dims below 1% on most 0-10V dimmers

FIELD INSTALLED IN LOW VOLTAGE WIRING COMPARTMENT

- Install DIM-010V Module in low voltage wiring compartment.
- Max number of 25 modules on one dimmer. Consult dimmer datasheet for maximum device limitation of a specific controller.



COMPATIBLE DRIVERS



ELECTRONIC DRIVER W/DMX MODULE (DMX)

PART	DESCRIPTION
GG100E-24-UNV-DMX	96W 120-277VAC ELECTRONIC DRIVER WITH eldoLED DMX DIMMING MODULE

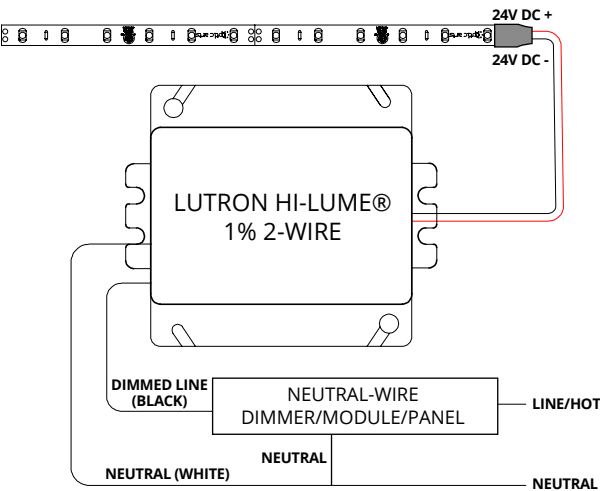
DIMENSIONS	
96W	H 3.00"; W 11.46"; D 1.30"
DMX MODULE	H 1.97"; W 6.02"; D 0.91"
*Must be installed in UL box (by others)	

DIMMING PERFORMANCE	
ELECTRONIC DRIVER - DMX MODULE	Dims to 0.1% on most DMX systems

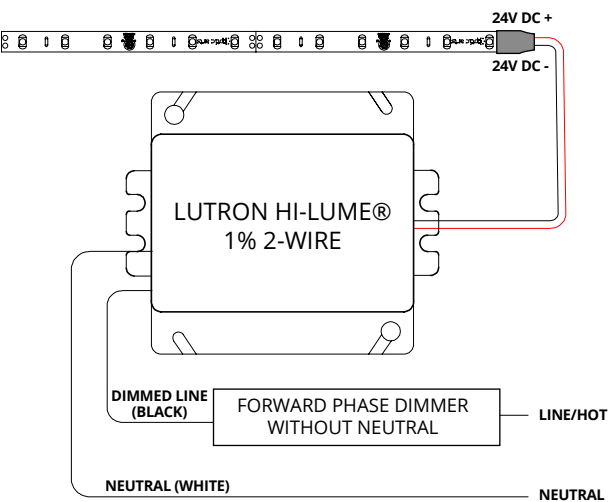


COMPATIBLE DRIVERS

DIMMER WITH NEUTRAL



DIMMER WITHOUT NEUTRAL



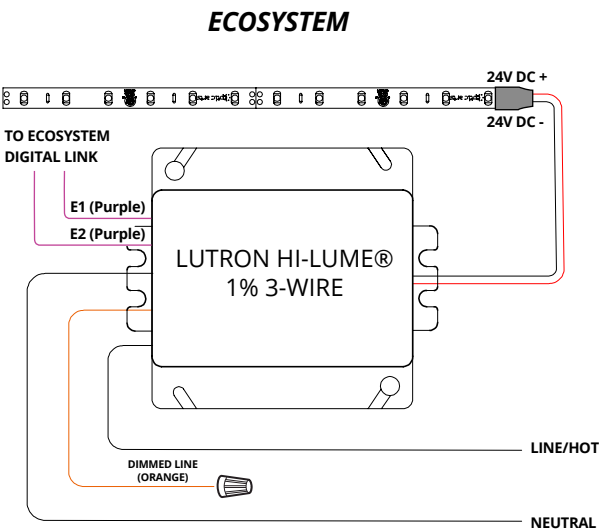
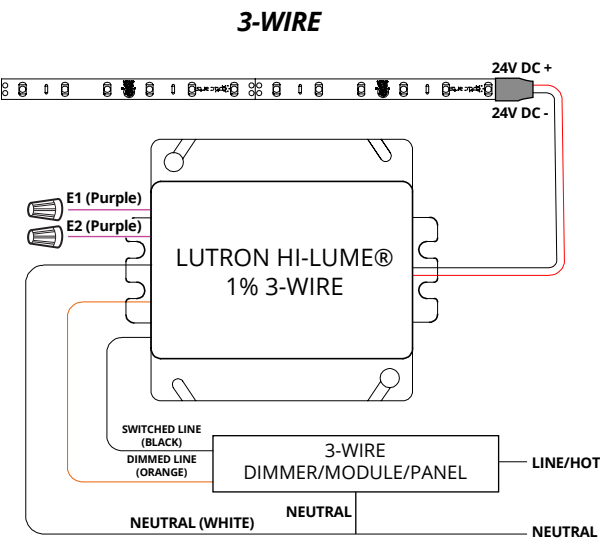
LUTRON HI-LUME® 1% 2-WIRE:
2-WIRE CONTROL FORWARD PHASE



PART	DESCRIPTION
LTEA4U1UKL-CV240	5-40W, 120VAC, 2-WIRE FORWARD PHASE DRIVER
DIMENSIONS	
HI-LUME® 1% 2-WIRE	H 4.00"; W 4.89"; D 2.62"
DIMMING PERFORMANCE	
LUTRON HI-LUME® 1% 2-WIRE	Dims to 1% with compatible Lutron controls



COMPATIBLE DRIVERS



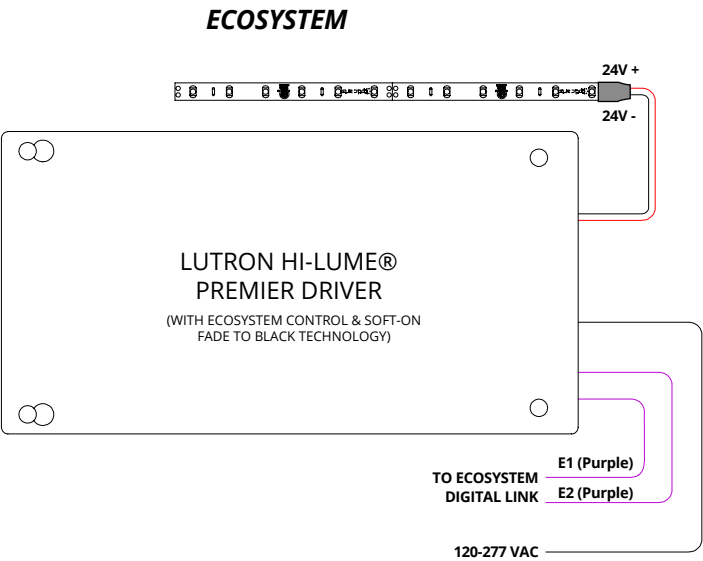
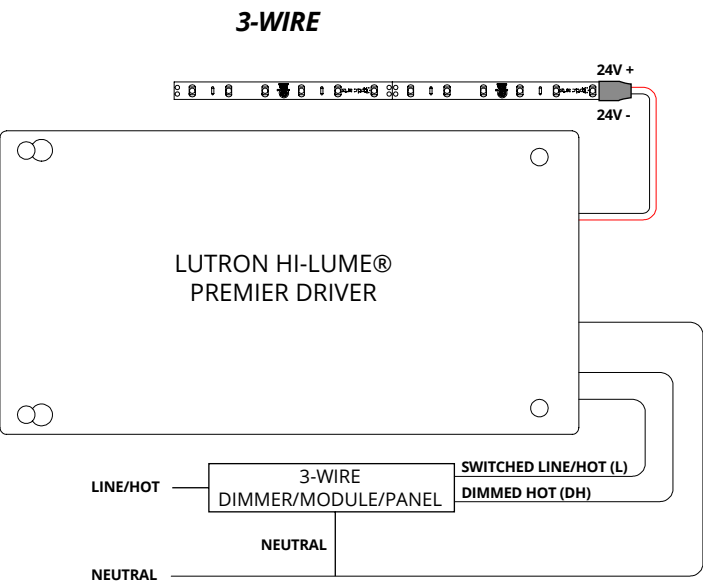
LUTRON HI-LUME® 1%:
3-WIRE/ECOSYSTEM



PART	DESCRIPTION
L3DA4U1UKL-CV240	5-40W, 120-277VAC, 3-WIRE/ECOSYSTEM DRIVER
DIMENSIONS	
HI-LUME® 1%	H 4.00"; W 4.89"; D 2.62"
DIMMING PERFORMANCE	
LUTRON HI-LUME® 1% 3-WIRE/ECOSYSTEM	Dims to 1% with compatible Lutron controls



COMPATIBLE DRIVERS



LUTRON HI-LUME® PREMIER:
3-WIRE/ECOSYSTEM



PART	DESCRIPTION
L3D0-96W24V-U	2-96W, 120-277VAC, 3-WIRE/ECOSYSTEM DRIVER

DIMENSIONS	
HI-LUME® PREMIER	H 5.5"; W 10.5"; D 2.0"

DIMMING PERFORMANCE	
LUTRON HI-LUME® PREMIER	Dims to 0.1% with compatible Lutron controls
NOTE: Lutron soft-on, fade to black technology available with Ecosystem Digital Control only.	



TM-30 - 1800K

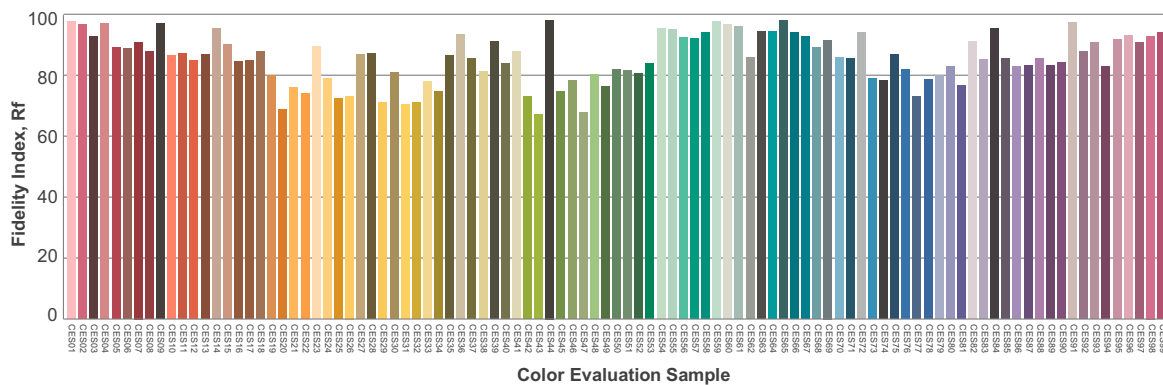
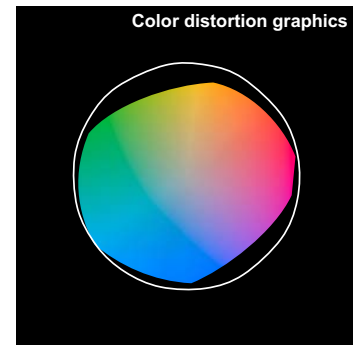
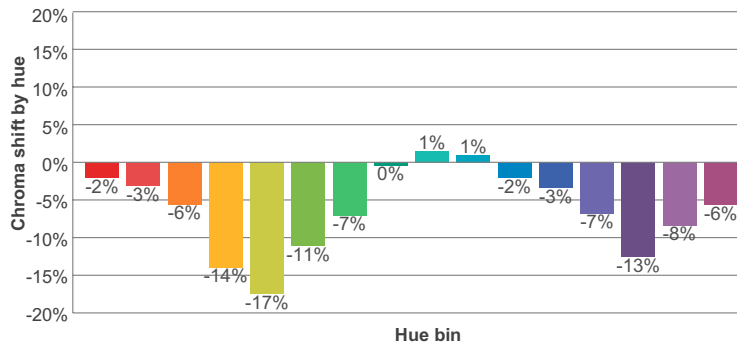
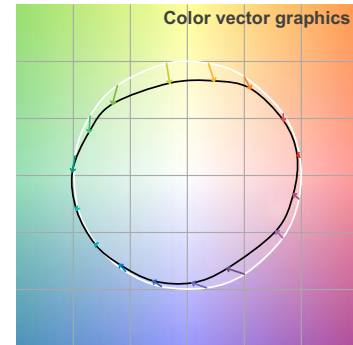
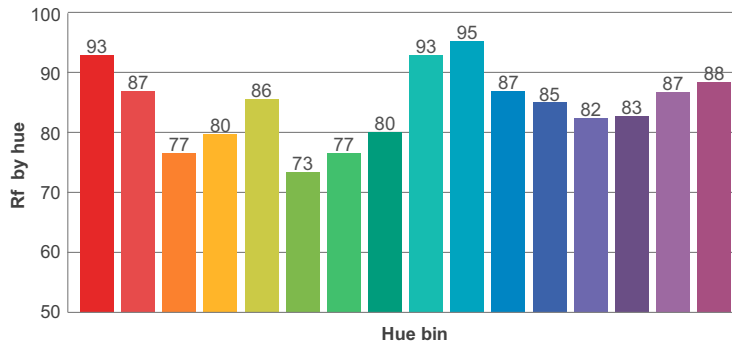
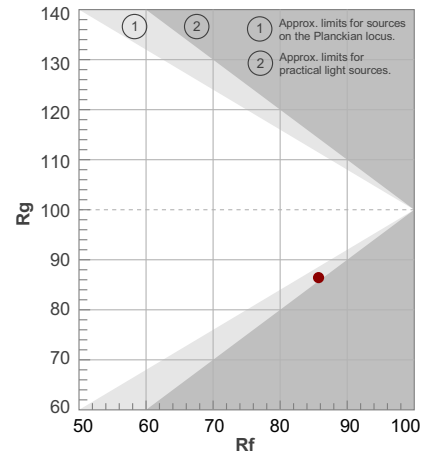
Rf 85.7

Fidelity index Rf

Rg 86.4

Gamut index Rg

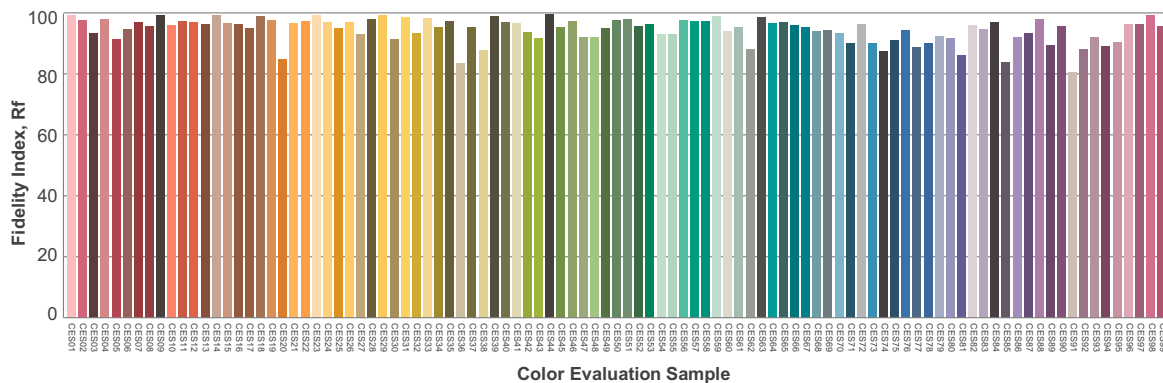
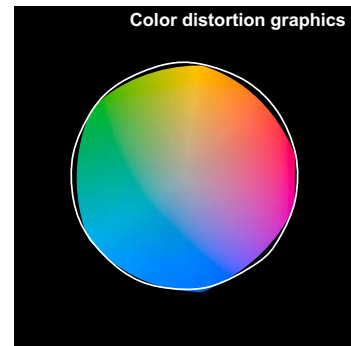
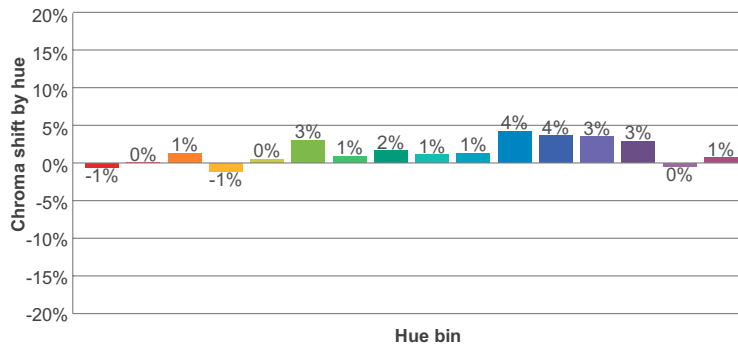
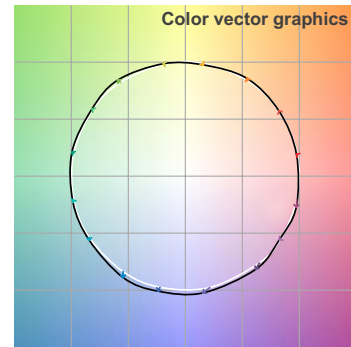
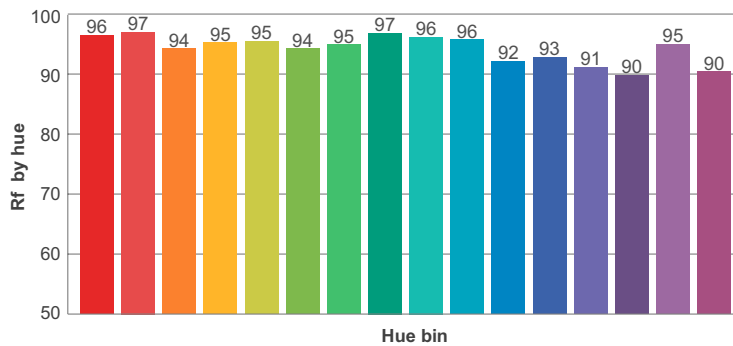
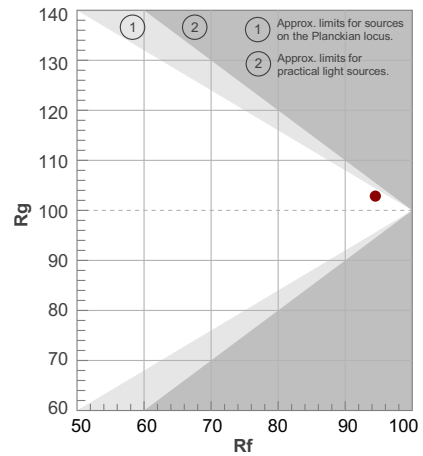
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	93	-2%	0%
2	87	-3%	-5%
3	77	-6%	-10%
4	80	-14%	-8%
5	86	-17%	1%
6	73	-11%	13%
7	77	-7%	12%
8	80	0%	14%
9	93	1%	3%
10	95	1%	-2%
11	87	-2%	-7%
12	85	-3%	-8%
13	82	-7%	-11%
14	83	-13%	-10%
15	87	-8%	2%
16	88	-6%	3%



Rf 94.5
Fidelity index Rf

Rg 102.9
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	-1%	1%
2	97	0%	1%
3	94	1%	2%
4	95	-1%	-1%
5	95	0%	1%
6	94	3%	1%
7	95	1%	0%
8	97	2%	-1%
9	96	1%	2%
10	96	1%	2%
11	92	4%	3%
12	93	4%	-1%
13	91	3%	-7%
14	90	3%	-6%
15	95	0%	-2%
16	90	1%	-7%



TM-30 - 2750K

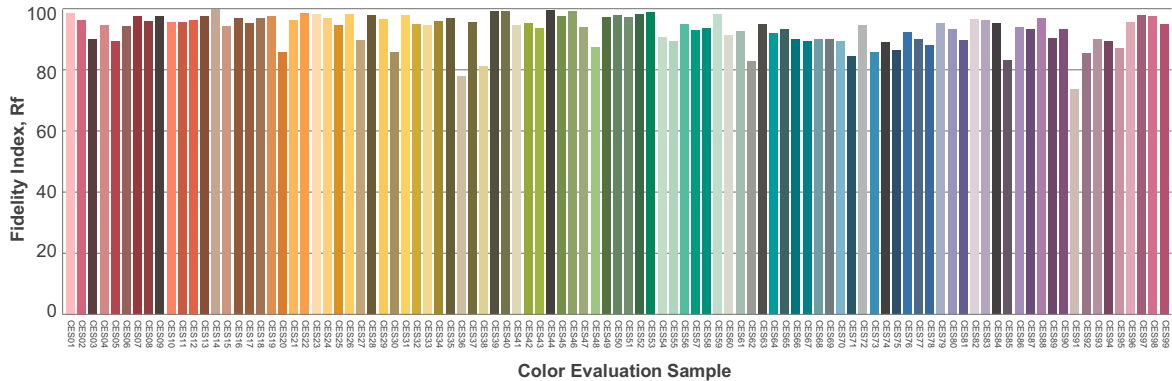
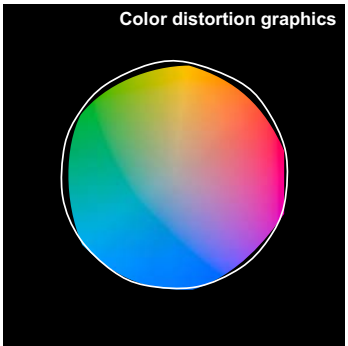
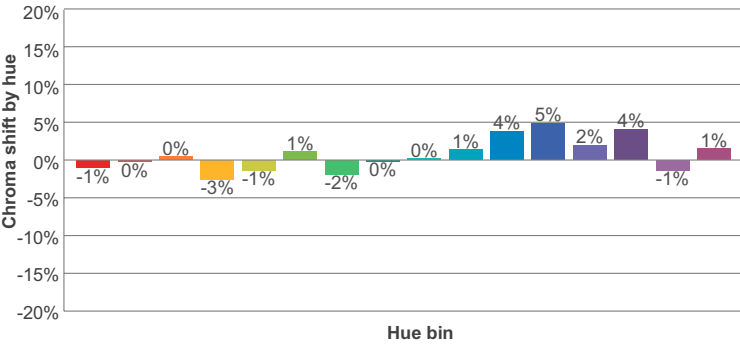
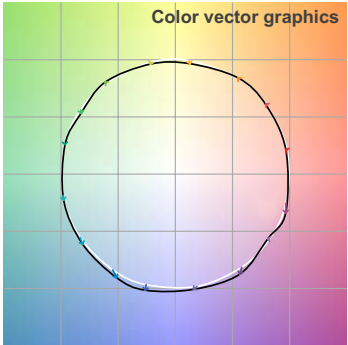
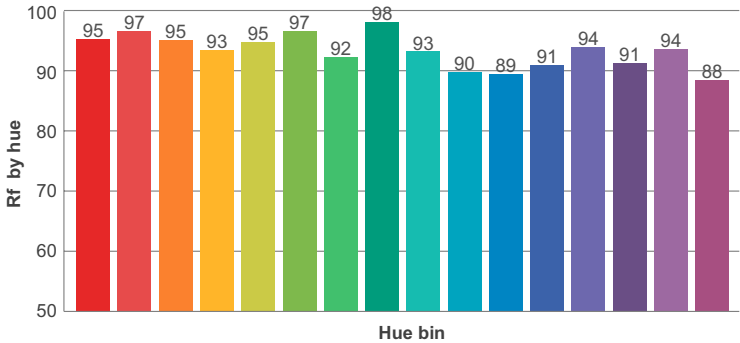
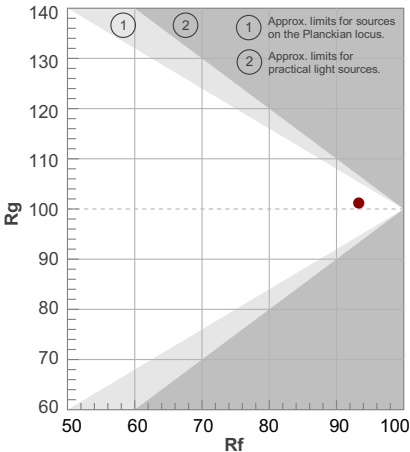
Rf 93.3

Fidelity index Rf

Rg 101.2

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	-1%	1%
2	97	0%	1%
3	95	0%	2%
4	93	-3%	-1%
5	95	-1%	1%
6	97	1%	0%
7	92	-2%	2%
8	98	0%	1%
9	93	0%	4%
10	90	1%	6%
11	89	4%	6%
12	91	5%	0%
13	94	2%	-3%
14	91	4%	-5%
15	94	-1%	-1%
16	88	1%	-8%

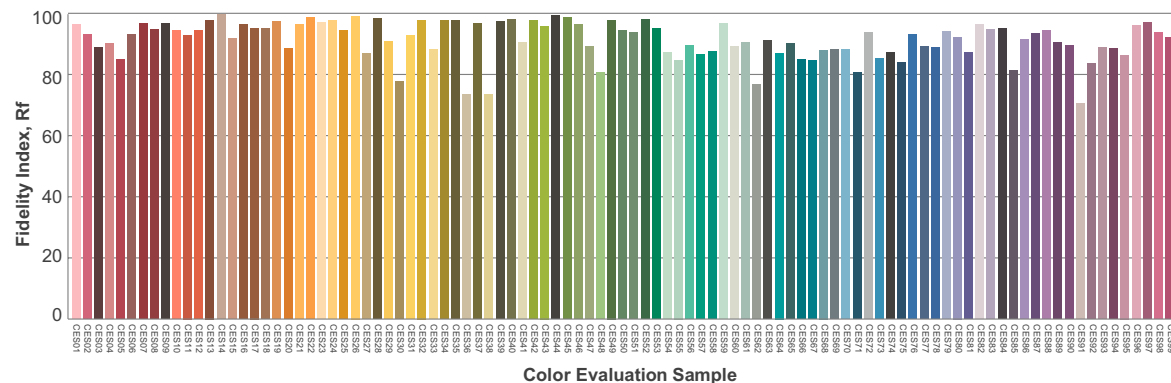
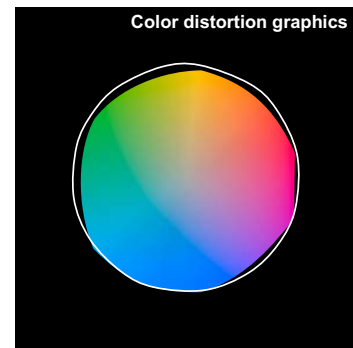
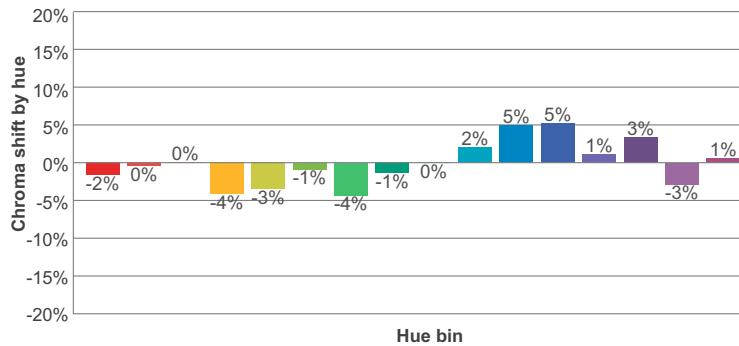
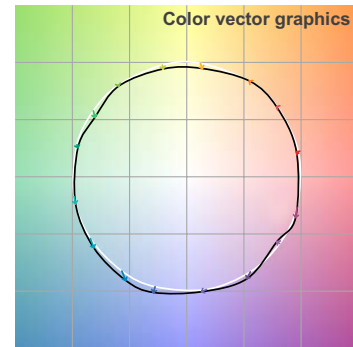
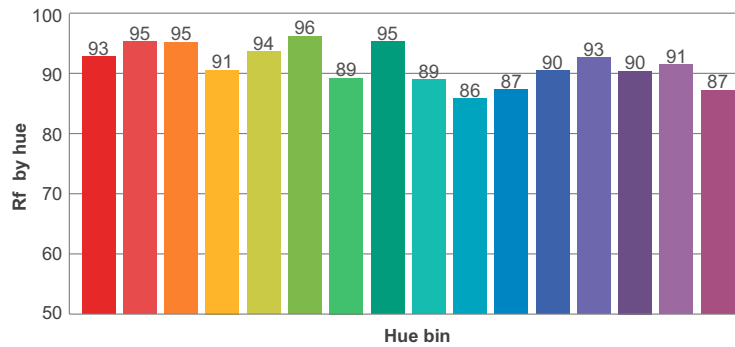
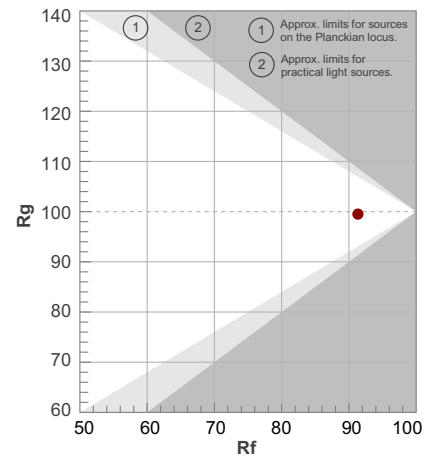


TM-30 - 2930K

Rf 91.3
Fidelity index Rf

Rg 99.5
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	93	-2%	2%
2	95	0%	1%
3	95	0%	1%
4	91	-4%	-3%
5	94	-3%	0%
6	96	-1%	0%
7	89	-4%	4%
8	95	-1%	2%
9	89	0%	6%
10	86	2%	8%
11	87	5%	7%
12	90	5%	0%
13	93	1%	-5%
14	90	3%	-6%
15	91	-3%	0%
16	87	1%	-9%



TM-30 - 3550K

Rf 91.9
Fidelity index Rf

Rg 101.0
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	1%
2	97	0%	0%
3	95	0%	1%
4	93	-2%	0%
5	91	-4%	0%
6	96	0%	1%
7	94	-3%	2%
8	95	-1%	2%
9	91	-1%	5%
10	86	0%	9%
11	85	4%	9%
12	89	4%	3%
13	96	2%	-1%
14	92	6%	-2%
15	91	2%	-2%
16	89	2%	-5%

