

FLEX STP VARIABLE WHITE is a high performance flexible LED fixture distinguished by its extremely tight LED pitch and ability to blend in shallow channels. Its tight led pitch allows for even blending in channel making it perfect for direct view applications.

ELECTRICAL

Input Voltage	24VDC
Dimming Options	<ul style="list-style-type: none"> • DMX • VintageDim®
Power Consumption	5.8 Watts per foot
Wire Size	20AWG, 3 wire
Certification	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 DMX or VintageDim® dimming.

PHYSICAL

Field Cuttable	1.97"
Operating Temperature	-20°C (-40°F) to +50°C (+122°F)
Environment	IP20 - Dry Location
Maximum Run Length	16.00'
Dimensions (WxH)	0.39" (10.00mm) x 0.04" (1.08mm)

ACCESSORIES

Channels	Optic Arts® Channel (pg. 4-7)
	Note: <i>Must be used in conjunction with and Optic Arts® Channel for proper heat dissipation.</i>

PERFORMANCE

CRI	6500K = 95+, 3550K = 95+, 1800K = 90+
TM-30	See pages 10-15
Lumen Maintenance	When used in Optic Arts® CHS-S-1208 or larger channel: 50,000 Hours L70 at 50°C ambient 66,000 Hours L70 at 25°C ambient
Binning Tolerance	+/- 100K
Warranty	5 years

LUMEN OUTPUT

1800K-3550K¹	
Both colors at 100% (2829K)	355.00 lm/ft
1800K only	142.00 lm/ft
3550K only	219.00 lm/ft
1800K-6500K¹	
Both colors at 100%	349.00 lm/ft
1800K only	142.00 lm/ft
6500K only	211.00 lm/ft

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

1: JA8 2016 when used with DMX or VintageDim® dimming.

PART NUMBER BUILDER

SERIES	+	IP RATING	+	COLOR	+	VOLTAGE	+	WATTAGE	+	CONFIGURATION	+	LENGTH
FLEXSTP		20 = IP20 - Dry Location		1835 = 1800K - 3550K Variable ¹ 1865 = 1800K - 6500K Variable ¹		24 = 24 VDC		58 = 5.8W		FLC1 = FLEX Config 1 FLC2 = FLEX Config 2 FLC3 = FLEX Config 3		XX = Custom Length

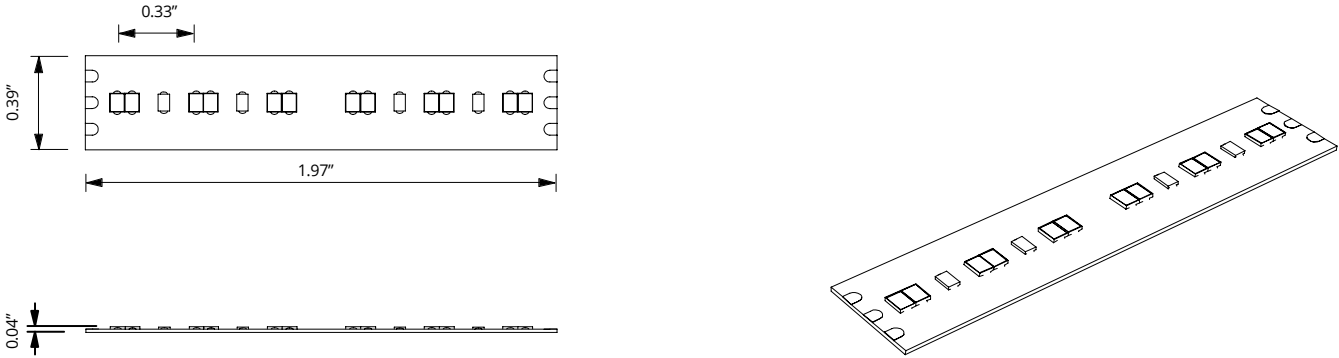
1: JA8 2016 when used with DMX or VintageDim® dimming.

DIMENSIONS

Optic Arts® cuts all FLEX and Channel products to length per customer specifications. Each length of FLEX 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 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.
- Some on-site assembly required. See installation guides for details.

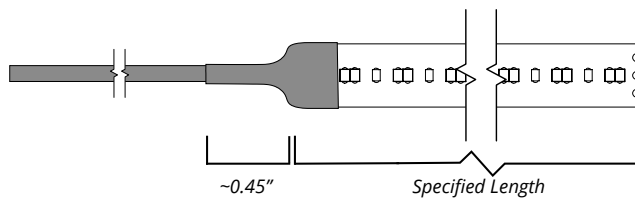
INDOOR FLEX STP VARIABLE WHITE



INDOOR DIMENSIONS

Width	0.39" (10.00mm)
Height	0.04" (1.08mm)
Cuttable Segment Length	1.97" (50.00mm)
Pitch Length	0.33" (8.31mm)
Max Run Length	16.00' (4876.80mm)

INDOOR FLEX STP VARIABLE WHITE



FLEX STP VARIABLE WHITE

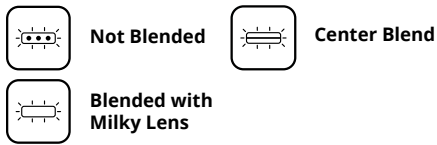
Specification Sheet

MOUNTING OPTIONS - COMPATIBLE CHANNELS

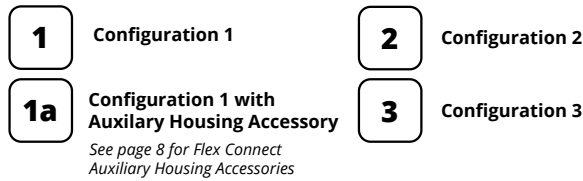
[Click to access CHANNEL ACCESSORIES CATALOGUE >](#)

KEY

DIFFUSION LEVEL:



CONFIGURATION:



CHS-R-1208

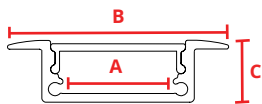
• Click on channel titles below to access complete channel cut sheets.

SMALL CHANNELS

SMALL CHANNEL PART NUMBER BREAKDOWN:							
CHANNEL	CHANNEL SIZE	CHANNEL TYPE	FINISH		LENS TYPE	LENS DIFFUSION	MOUNTING
CH-SM = Channel Small	LS = Lite Short LT = Lite Tall	SF = Surface RE = Recessed	SS = Satin Silver MB = Matte Black Anodized ¹ BZ = Deep Bronze Anodized ¹ WH = White Powder Coat ¹ GY = Gray Powder Coat ¹	BL = Blue Powder Coat ¹ RD = Red Powder Coat ¹ YL = Yellow Powder Coat ¹ CH = Chrome ¹ CR = Custom RAL Powder Coat ¹	FL = Flat GZ = Grazer	CC = Clear ⁴ CF = Frosted ⁴ CM = Milky ⁴ <i>*Leave Blank for Grazer.</i>	NA = Direct Surface MC = Mounting Clip ³ RC = Rotating Clip ³
			<i>1: Special order finishes may increase order lead time and incur an added cost.</i>		<i>4: Only compatible with Grazer Lens Type.</i>		<i>3: Not compatible with recessed options</i>

CH-SM-LS-RE

(Previously Known As CHS-R-1208)



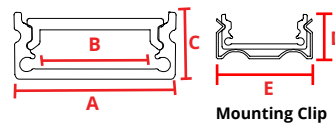
A: 0.68" (17.25mm)
B: 0.98" (25.00mm)
C: 0.34" (8.60mm)



MATERIAL	Anodized Aluminum.
DESCRIPTION	Small - Short - Recessed - Channel.
LENGTH	7 Ft.
LENS TYPES	Clear Frosted Milky
	CH-SM-LN-FL-CC CH-SM-LN-FL-CF CH-SM-LN-FL-CM
ACCESSORIES	Endcap Endcap w/hole
	CH-SM-LS-RE-FL-EC CH-SM-LS-RE-FL-ECH

CH-SM-LS-SF

(Previously Known As CHS-S-1208)



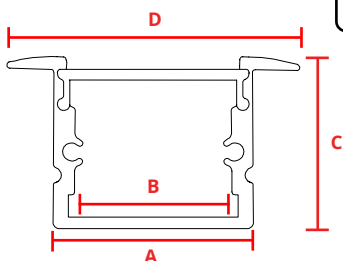
A: 0.68" (17.25mm) D: 0.40" (12.70mm)
B: 0.50" (12.59mm) E: 0.78" (19.90mm)
C: 0.34" (8.60mm)



MATERIAL	Anodized Aluminum
DESCRIPTION	Small - Short - Surface - Channel.
LENGTH	7 Ft.
LENS TYPES	Clear Frosted Milky
	CH-SM-LN-FL-CC CH-SM-LN-FL-CF CH-SM-LN-FL-CM
ACCESSORIES	Endcap Endcap w/hole Mounting Clip Rotating Mounting Clip
	CH-SM-LS-SF-FL-EC CH-SM-LS-SF-FL-ECH CH-SM-LE-MC CH-SM-LE-MC-R

CH-SM-LT-RE

(Previously Known As CHS-R-1715)



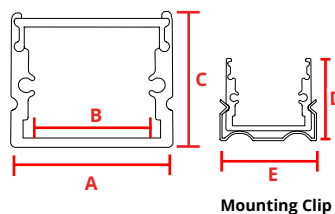
A: 0.68" (17.25mm)
B: 0.48" (12.30mm)
C: 0.59" (15.05mm)
D: 0.98" (25.00mm)



MATERIAL	Anodized Aluminum
DESCRIPTION	Small - Tall - Recessed - Channel.
LENGTH	7 Ft.
LENS TYPES	Clear Frosted Milky
	CH-SM-LN-FL-CC CH-SM-LN-FL-CF CH-SM-LN-FL-CM
ACCESSORIES	Endcap Endcap w/hole
	CH-SM-LT-RE-FL-EC CH-SM-LT-RE-FL-ECH

CH-SM-LT-SF

(Previously Known As CHS-S-1715)



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



MATERIAL	Anodized Aluminum
DESCRIPTION	Small - Tall - Surface - Channel.
LENGTH	7 Ft.
LENS TYPES	Clear Frosted Milky
	CH-SM-LN-FL-CC CH-SM-LN-FL-CF CH-SM-LN-FL-CM
ACCESSORIES	Endcap Endcap w/hole Mounting Clip Rotating Mounting Clip
	CH-SM-LT-SF-FL-EC CH-SM-LT-SF-FL-ECH CH-SM-LE-MC CH-SM-LE-MC-R

FLEX STP VARIABLE WHITE

Specification Sheet

MOUNTING OPTIONS - COMPATIBLE CHANNELS

- Not Blended
 Blended w/Milky Lens
 1 Configuration 1
 1a Configuration 1 with Auxiliary Housing Accessory
 2 Configuration 2
 3 Configuration 3

MEDIUM CHANNELS

MEDIUM CHANNEL PART NUMBER BREAKDOWN:

CHANNEL	CHANNEL SIZE	CHANNEL TYPE	FINISH	LENS TYPE	LENS DIFFUSION	MOUNTING
CH-MD = Channel Medium	LS = Lite TL = Tall ⁶	SF = Surface RE = Recessed ⁴	SS = Satin Silver MB = Matte Black Anodized ⁹ BZ = Deep Bronze Anodized ⁹ WH = White Powder Coat ⁹ GY = Gray Powder Coat ⁹	FL = Flat	CC = Clear CF = Frosted CM = Milky	NA = Direct Surface MC = Mounting Clip ⁷ RC = Rotating Clip ⁷ PD = Pendant ^{7, 8}
			BL = Blue Powder Coat ⁹ RD = Red Powder Coat ⁹ CH = Chrome ⁹ CR = Custom RAL Powder Coat ⁹			

4: Not available for tall channel.

5: Only available in surface channel type.

6: Not available with recessed channel type or Tall channel size.

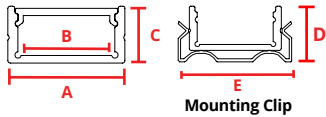
7: Not compatible with recessed options.

8: Not available with Lite option.

9: Special order finishes may increase order lead time and incur an added cost.

CH-MD-LS-SF

(Previously Known As CHW-S-2010)



Mounting Clip

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



MATERIAL

Anodized Aluminum



DESCRIPTION

Medium - Lite - Surface - Channel.



LENGTH

7 Ft.



LENS TYPES

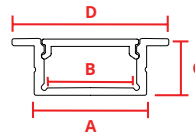
Clear CH-MD-LN-FL-CC
 Frosted CH-MD-LN-FL-CF
 Milky CH-MD-LN-FL-CM

ACCESSORIES

Endcap CH-MD-LS-SF-FL-EC
 Endcap w/hole CH-MD-LS-SF-FL-ECH
 Mounting Clip CH-MD-LE-MC
 Rotating Mounting Clip CH-MD-LE-MC-R

CH-MD-LS-RE

(Previously Known As CHW-R-2010)



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



MATERIAL

Anodized Aluminum



DESCRIPTION

Medium - Lite - Recessed - Channel.



LENGTH

7 Ft.

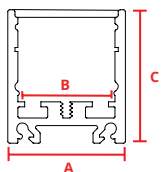
LENS TYPES

Clear CH-MD-LN-FL-CC
 Frosted CH-MD-LN-FL-CF
 Milky CH-MD-LN-FL-CM

ACCESSORIES

Endcap CH-MD-LS-RE-FL-EC
 Endcap w/hole CH-MD-LS-RE-FL-ECH
 Mounting Clip CH-MD-LE-MC
 Rotating Mounting Clip CH-MD-LE-MC-R

CH-MD-TL-SF



- A:** 0.90" (23.11mm)
B: 0.75" (19.05mm)
C: 1.02" (26.16mm)



MATERIAL

Anodized Aluminum



DESCRIPTION

Medium - Tall - Surface - Channel.



LENGTH

7 Ft.



LENS TYPES

Clear CH-MD-LN-FL-CC
 Frosted CH-MD-LN-FL-CF
 Milky CH-MD-LN-FL-CM

ACCESSORIES

Endcap CH-MD-TL-SF-FL-EC
 Endcap w/hole CH-MD-TL-SF-FL-ECH
 Mounting Clip CH-MC
 Rotating Mounting Clip CH-MC-R-AY
 Pendant CH-PD-KIT

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Optic Arts reserves the right to modify this specification without prior notice.

Last Modified: February 14, 2019 11:52 PM

FLEX STP VARIABLE WHITE

Specification Sheet

MOUNTING OPTIONS - COMPATIBLE CHANNELS

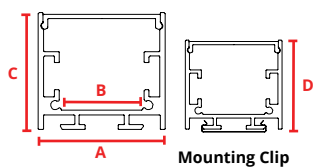
- Not Blended
 Blended w/Milky Lens
 1 Configuration 1
 1a Configuration 1 with Auxiliary Housing Accessory
 2 Configuration 2
 3 Configuration 3

LARGE CHANNELS

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)

CHW-S-3535



- 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.



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



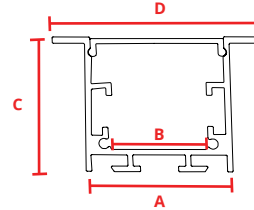
LENS TYPES

Frosted Milky 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-BS
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

CHW-R-4435



- A:** 1.39" (35.25mm)
B: 0.96" (24.50mm)
C: 1.39" (35.25mm)
D: 2.00" (51.04mm)



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

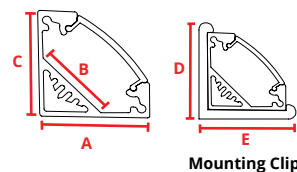
Frosted Milky CHW-35mm-CF
Milky CHW-35mm-CM

ACCESSORIES

Endcap CHW-R-4435-EC
Endcap w/hole CHW-R-4435-ECH
Mounting Clip CHW-R-4435-SC
Bracket Straight CHW-S-XX35-BS
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

CORNER CHANNELS

CHS-C-1919



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



MATERIAL

Anodized Aluminum



DESCRIPTION

Slim corner mount channel.



LENGTH

2 meter



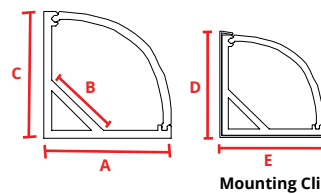
LENS TYPES

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

CHS-C-1616



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



MATERIAL

Anodized Aluminum



DESCRIPTION

Slim corner mount channel with rounded lens.



LENGTH

2 meter



LENS TYPES

Frosted Milky 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

FLEX STP VARIABLE WHITE

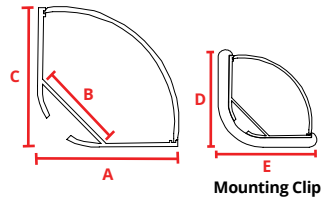
Specification Sheet

MOUNTING OPTIONS - COMPATIBLE CHANNELS

- Not Blended
 Blended w/Milky Lens
 1 Configuration 1
 1a Configuration 1 with Auxiliary Housing Accessory
 2 Configuration 2
 3 Configuration 3

CORNER CHANNELS

CHW-C-3030



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)



MATERIAL
Anodized Aluminum



DESCRIPTION
45 degree channel with rounded lens.



LENGTH
2 meter

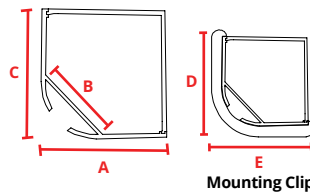


LENS TYPES
 Clear CHW-C-3030-CC
 Frosted CHW-C-3030-CF
 Milky CHW-C-3030-CM



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

CHW-C-3030S



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)



MATERIAL
Anodized Aluminum



DESCRIPTION
45 degree channel with square lens.



LENGTH
2 meter



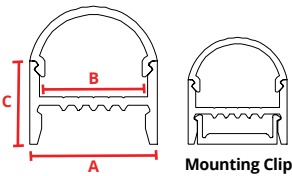
LENS TYPES
 Clear CHW-C-3030S-CC
 Frosted CHW-C-3030S-CF
 Milky CHW-C-3030S-CM



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

SPECIALTY CHANNELS

CHS-S-1922R



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



MATERIAL
Anodized Aluminum



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



LENGTH
2 meter

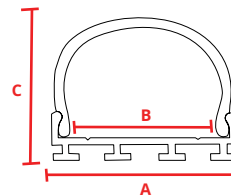


LENS TYPES
Milky CHW-S-1922R-CM



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

CHW-S-2623



A: 1.03" (26.20mm)
B: 0.80" (20.35mm)
C: 0.89" (22.76mm)



MATERIAL
Anodized Aluminum



DESCRIPTION
Surface mounted channel with wrap around lens.



LENGTH
2 meter

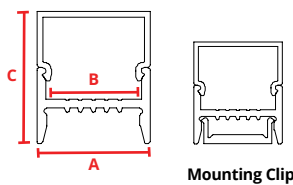


LENS TYPES
Milky CHW-S-2623-CM



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

CHS-S-1922S



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



MATERIAL
Anodized Aluminum



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



LENGTH
2 meter

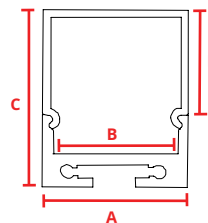


LENS TYPES
Milky CHW-S-1922S-CM



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

CHW-S/H-2027



A: 0.79" (20.30mm)
B: 0.66" (16.70mm)
C: 1.06" (27.00mm)
D: 0.76" (19.50mm)



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-BS
 Bracket 90° Flat CHW-SH-B90F
 Bracket 90° Raised CHW-SH-B90R

**Must specify for hanging or surface mount application.*

FLEX STP VARIABLE WHITE

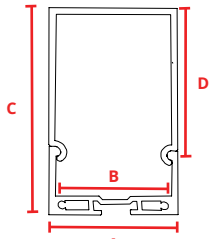
Specification Sheet

MOUNTING OPTIONS - COMPATIBLE CHANNELS

- Not Blended
 Blended w/Milky Lens
 1 Configuration 1
 1a Configuration 1 with Auxiliary Housing Accessory
 2 Configuration 2
 3 Configuration 3

SPECIALTY CHANNELS

CHW-S/H-3561



A: 1.38" (35.00mm) **C:** 2.43" (61.70mm)
B: 1.24" (31.40mm) **D:** 1.57" (39.90mm)



MATERIAL
Anodized Aluminum



DESCRIPTION
Large surface mounted or hanging channel with wrap around lens.



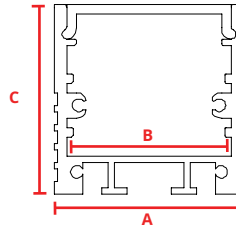
LENGTH
2 meter

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-BS
 Bracket 90° Flat CHW-SH-B90F
 Bracket 90° Raised CHW-SH-B90R

*Must specify for hanging or surface mount application.

CHW-S/H-3030



A: 1.18" (30.00mm)
B: 1.01" (25.60mm)
C: 1.18" (30.00mm)



MATERIAL
Anodized Aluminum



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



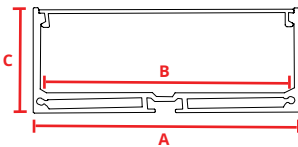
LENGTH
2 meter

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

*Must specify for hanging or surface mount application.

CHW-S/H-7532



A: 2.95" (75.00mm)
B: 2.52" (64.00mm)
C: 1.26" (32.00mm)



MATERIAL
Anodized Aluminum



DESCRIPTION
Wide surface mounted or hanging channel with flat lens.



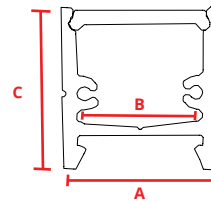
LENGTH
2 meter

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

*Must specify for hanging or surface mount application.

CHC-S-1921



A: 0.76" (19.43mm)
B: 0.55" (14.09mm)
C: 0.84" (21.43mm)



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.

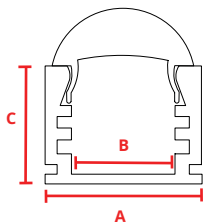


LENGTH
2 meter

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

CHSP-S-1618



A: 0.63" (16.00mm) **C:** 0.49" (11.90mm)
B: 0.40" (10.16mm)



MATERIAL
Anodized Aluminum



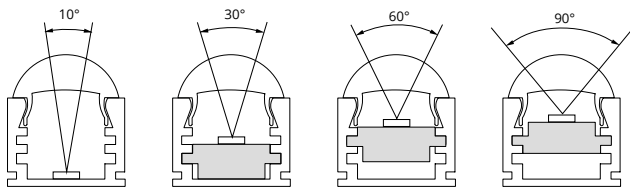
DESCRIPTION
Includes an aluminum insert that allows selection between (4) different beamspreads based on the position of the insert.



LENGTH
2 meter

LENS TYPES
Focusing Lens CHSP-S-1618-CFL

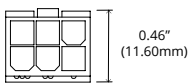
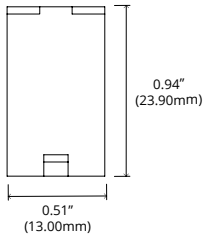
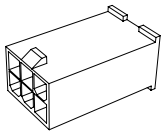
ACCESSORIES
 Endcap CHSP-S-1618-EC
 Endcap w/hole CHSP-S-1618-ECH
 Mounting Clip CHSP-S-1618-MC



ACCESSORIES

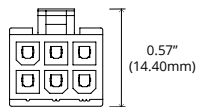
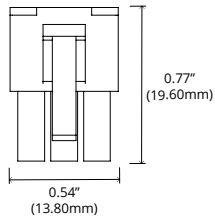
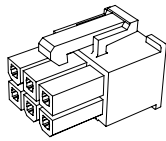
LC-I3P-M

Indoor Lead Connector
(Male)



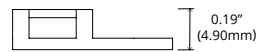
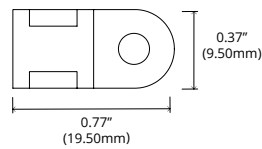
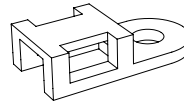
LC-I3P-F

Indoor Lead Connector
(Female)



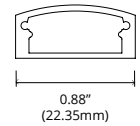
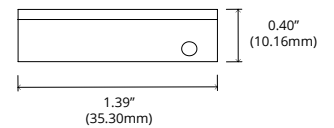
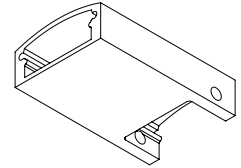
FLEX.ZIP

Strain Relief Clip



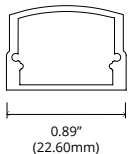
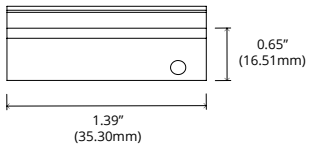
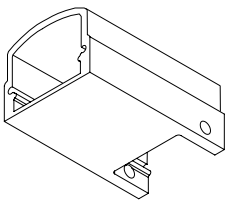
PFC-HO-1208-SS-KIT

1a Configuration 1 with
Auxiliary Housing Accessory
Flex Connect Auxiliary Housing
Accessory



PFC-HO-1715-SS-KIT

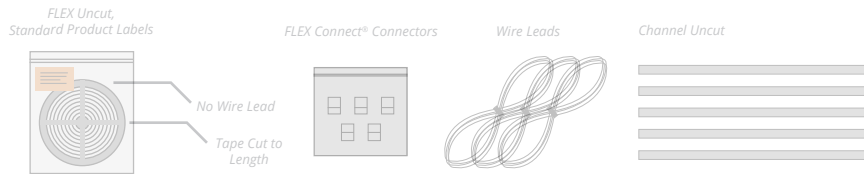
1a Configuration 1 with
Auxiliary Housing Accessory
Flex Connect Auxiliary Housing
Accessory



CONFIGURATION TYPES

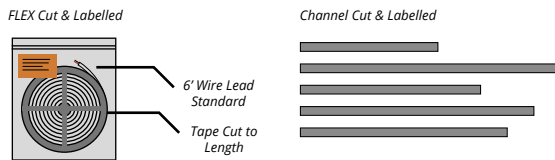
1 [NOT COMPATIBLE] FLEX cut to length with FLEX Connect® Power Feeds for Field Termination, Channel uncut for field cutting

- Specify **FLEXConfig-1**
- Specify FLEX type and channel type
- FLEX factory cut to length, but not terminated
- One FLEX Connect® power feed connector and 6' lead provided per FLEX run
 - Uncut rolls of lead wire can also be provided (see page 8 for part #)
- Channel shipped uncut for field cutting.
- Specify number of butt splices (not shown - see page 8)
- IP68 not available in **FLEXConfig-1**
- JA8 2016 not available in **FLEXConfig-1**
- FLEXConfig-1** is quick ship if run lengths are provided at time of order. Take offs, if needed, will add lead time.
- The below channels are **NOT** compatible with FLEX Connect®:
 - Slim:**
 - CHS-R-1208
 - CHS-R-1715
 - CHS-C-1616
 - CHC-S-1921
 - Specialty:**
 - CHSP-R-2970
 - CHSP-S-1618
 - CHSP-STEP-8142



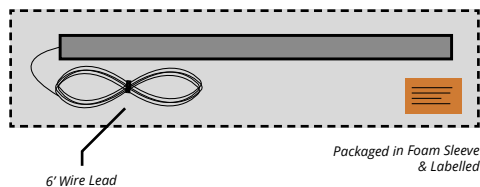
2 Cut To Length With Soldered Leads, Assemble On-Site^{1, 2, 3}

- Specify **FLEXConfig-2**
- Specify FLEX type and channel type
- Specify run lengths
- IP68 only available in **FLEXConfig-2**
- If no config is specified, and run lengths are provided, **FLEXConfig-2** will be used



3 Pre-Assembled Factory Finished Fixtures^{1, 2}

- Specify **FLEXConfig-3**
- Fully assembled fixture
- ETL stamped and listed as a fixture
- 6.50' max length
- Standard 6' power lead unless otherwise specified
- The below channels **CANNOT** be factory assembled:
 - Slim:**
 - CHS-R-1208
 - CHS-R-1715
 - Wide:**
 - CHW-R-2010
 - CHW-S-2027
 - CHW-S-7532
 - CHW-S-2623
 - CHW-S-3030
 - CHW-S-3561



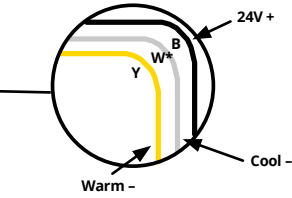
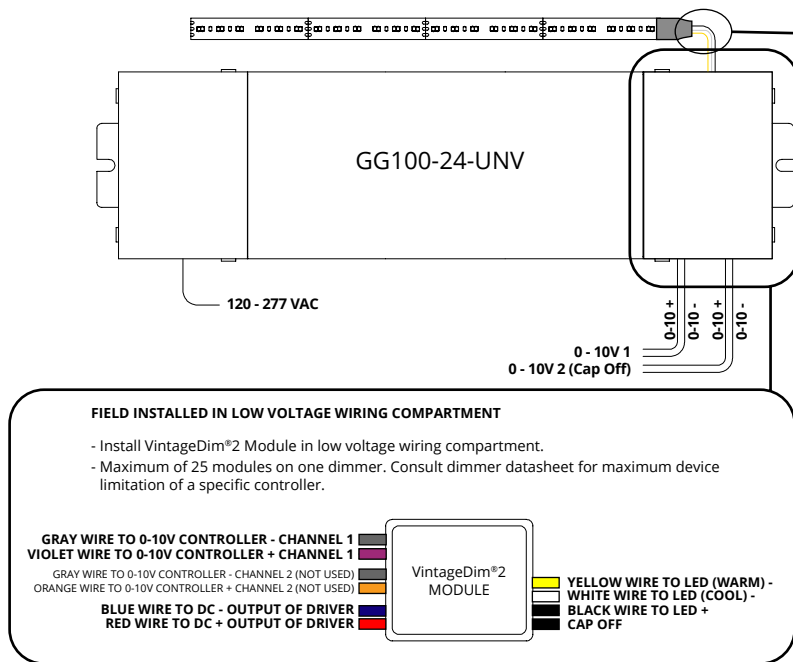
NOTES:

- Due to the nature of the FLEX DC® 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 DC®.
- Some on-site assembly required. See installation guides for details.

FLEX STP VARIABLE WHITE

Specification Sheet

COMPATIBLE DRIVERS



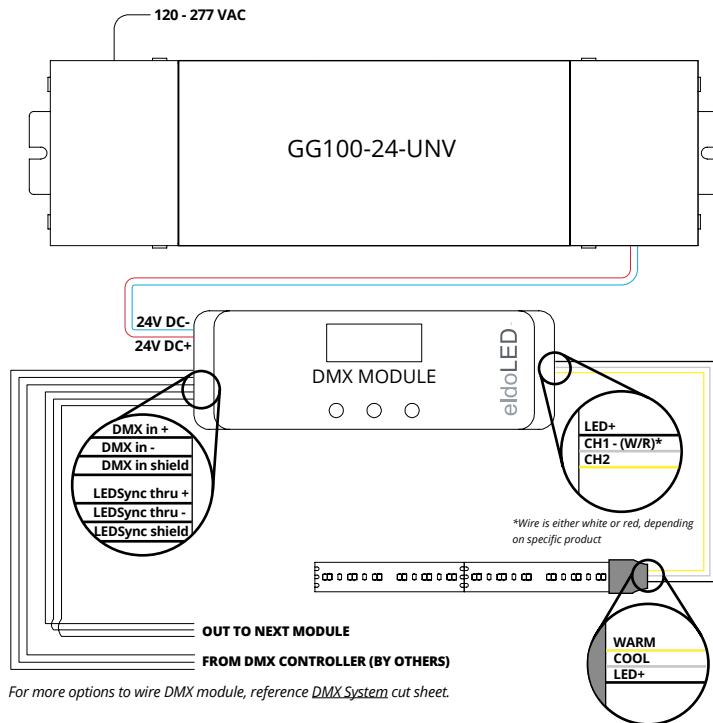
*Wire is either white or red, depending on specific product.

ELECTRONIC DRIVER W/VintageDim®2 MODULE

PART	DESCRIPTION
GG100E-24-UNV-W	96W 120-277VAC ELECTRONIC DRIVER WITH VINTAGEDIM®2 DIMMING MODULE STANDARD DIM TO WARM CURVE
GG100E-24-UNV-C	96W 120-277VAC ELECTRONIC DRIVER WITH VINTAGEDIM®2 DIMMING MODULE CUSTOM CURVE

DIMENSIONS	
ELECTRONIC DRIVER	H 3.00"; L 11.46"; W 1.30"
VintageDim®2 MODULE	H 1.56"; L 1.56"; W 0.78"

DIMMING PERFORMANCE	
ELECTRONIC DRIVER - VintageDim®2	Dims below 1% on most 0-10V dimmers



For more options to wire DMX module, reference DMX System cut sheet.

ELECTRONIC DRIVER W/DMX MODULE

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

DIMENSIONS	
96W	H 3.00"; L 11.46"; W 1.30"
DMX MODULE	H 1.97"; L 6.02"; W 0.91"

*Must be installed in UL box (by others)

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

FLEX STP VARIABLE WHITE

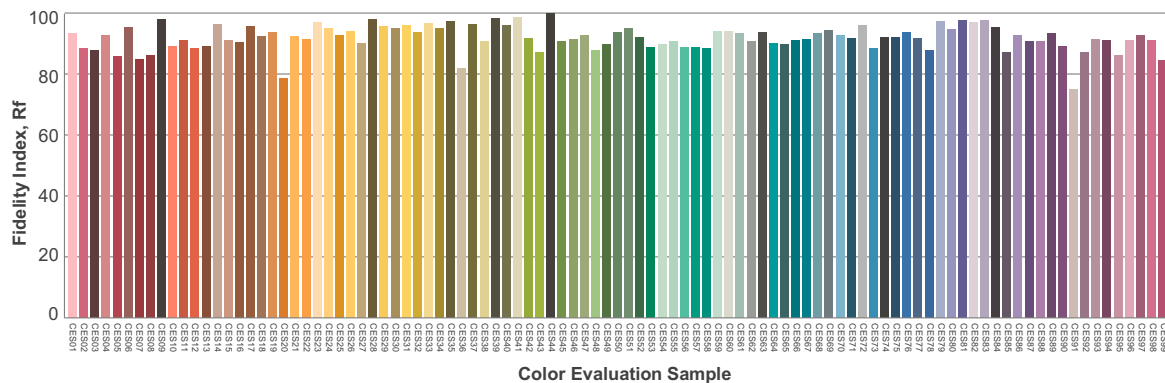
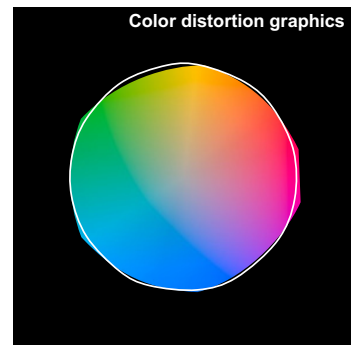
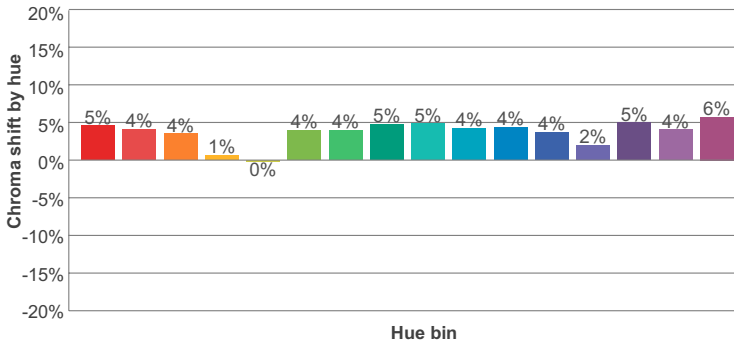
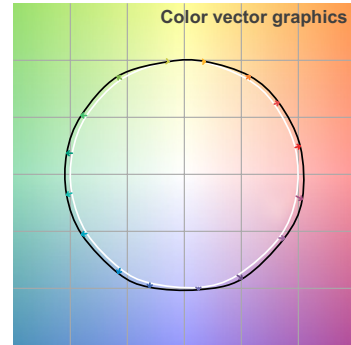
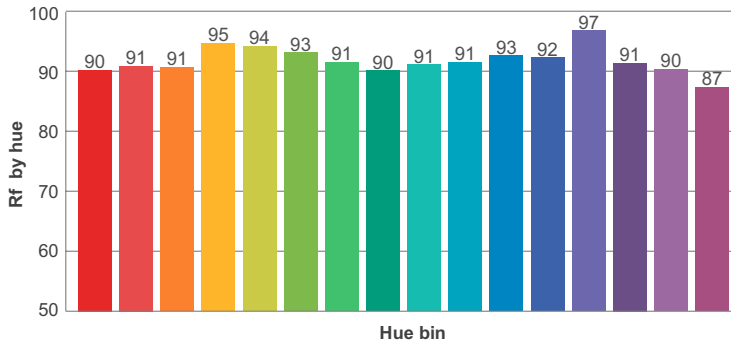
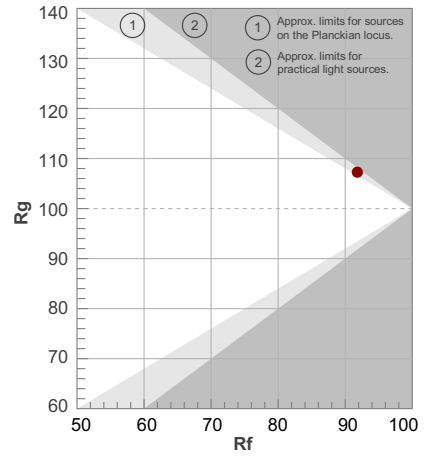
Specification Sheet

TM-30 - 1800K, 6500K (Both Colors @ 100%)

Rf 91.8
Fidelity index Rf

Rg 107.3
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	90	5%	0%
2	91	4%	-1%
3	91	4%	-1%
4	95	1%	-2%
5	94	0%	-1%
6	93	4%	2%
7	91	4%	3%
8	90	5%	1%
9	91	5%	1%
10	91	4%	-2%
11	93	4%	1%
12	92	4%	0%
13	97	2%	0%
14	91	5%	2%
15	90	4%	2%
16	87	6%	-2%



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FLEX STP VARIABLE WHITE

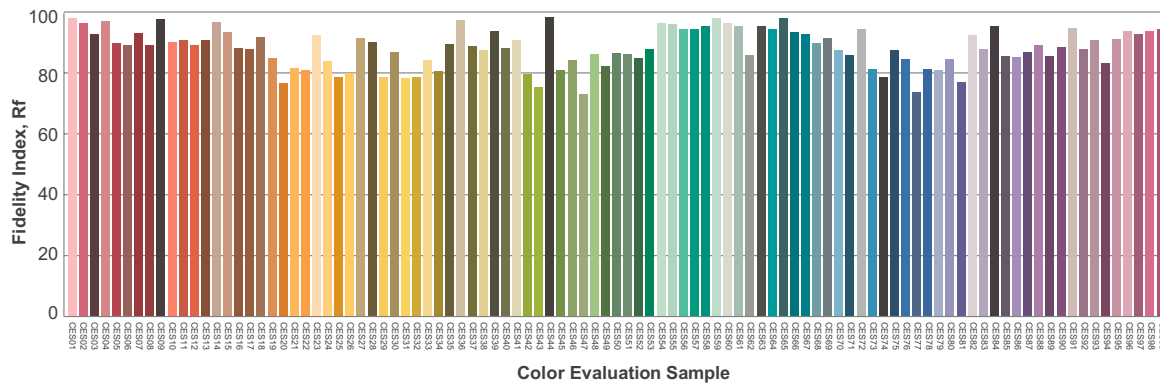
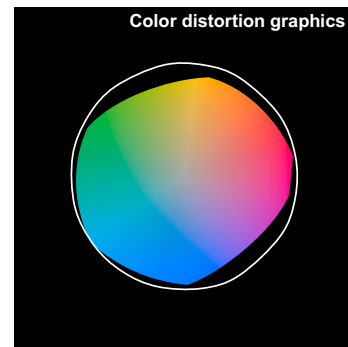
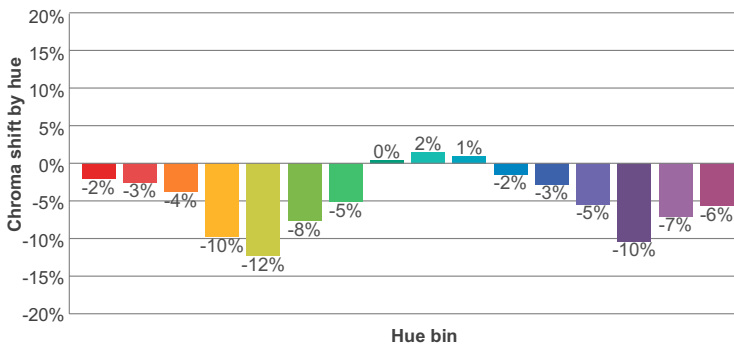
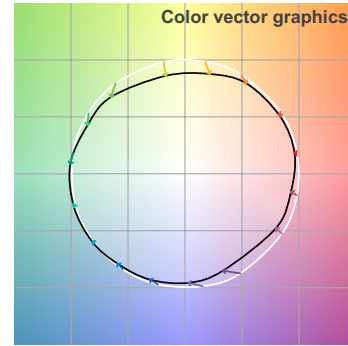
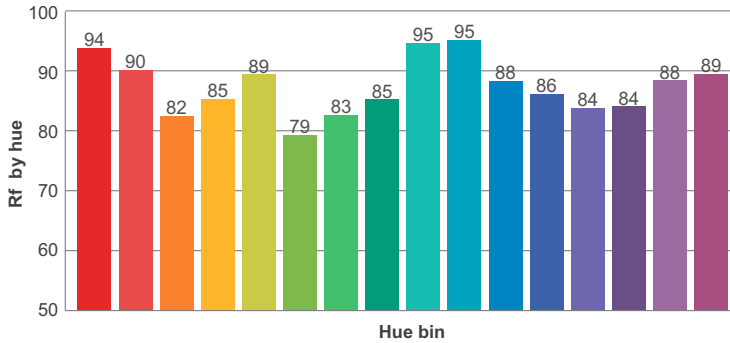
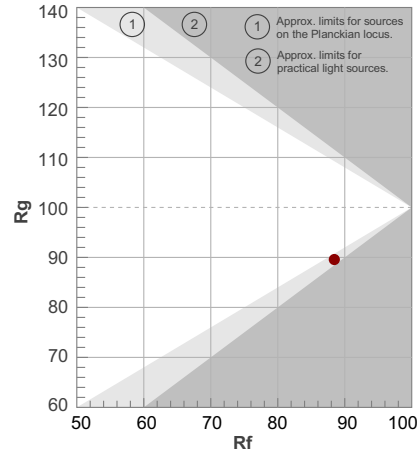
Specification Sheet

TM-30 - 1800K Only (From 1800K-6500K)

Rf 88.4
Fidelity index Rf

Rg 89.6
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	94	-2%	0%
2	90	-3%	-4%
3	82	-4%	-8%
4	85	-10%	-6%
5	89	-12%	1%
6	79	-8%	10%
7	83	-5%	9%
8	85	0%	10%
9	95	2%	2%
10	95	1%	-2%
11	88	-2%	-7%
12	86	-3%	-8%
13	84	-5%	-12%
14	84	-10%	-11%
15	88	-7%	1%
16	89	-6%	2%



FLEX STP VARIABLE WHITE

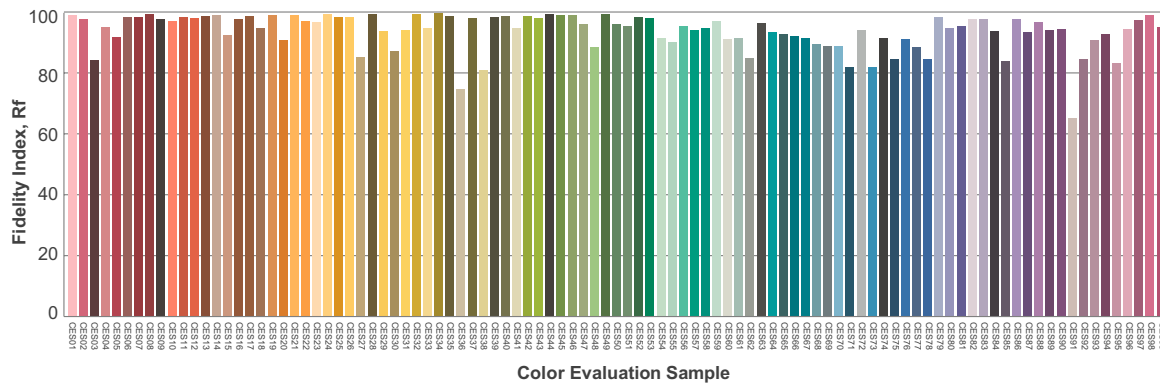
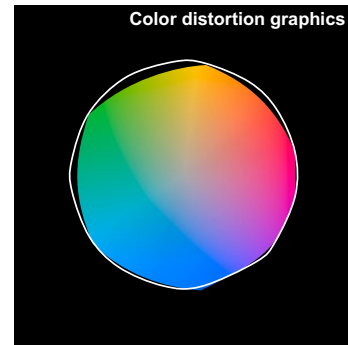
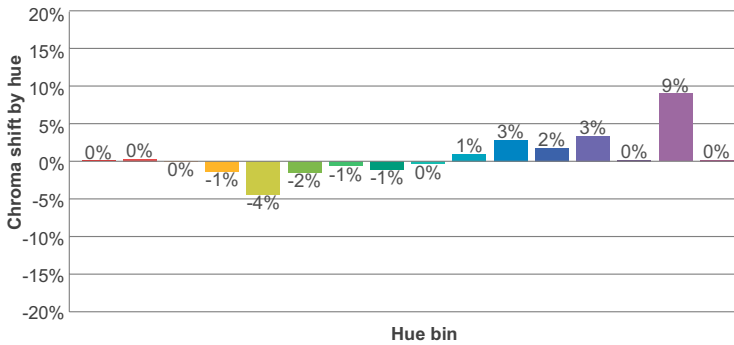
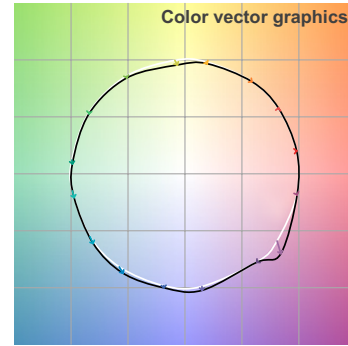
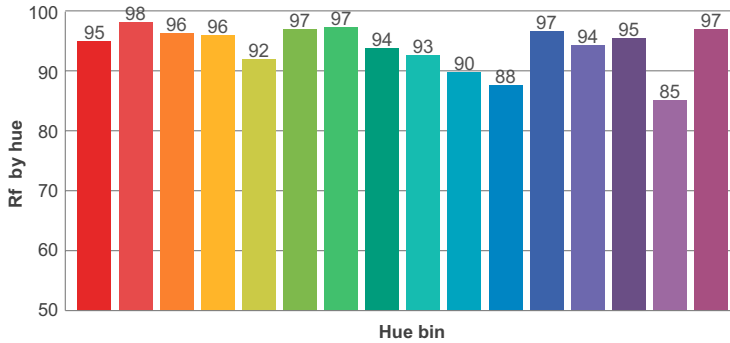
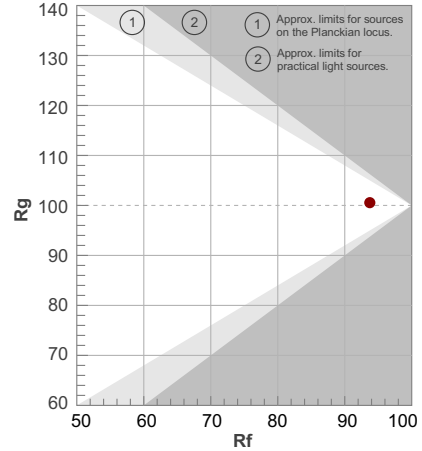
Specification Sheet

TM-30 - 6500K Only (From 1800K-6500K)

Rf 93.7
Fidelity index Rf

Rg 100.6
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	0%
2	98	0%	0%
3	96	0%	-1%
4	96	-1%	-1%
5	92	-4%	-1%
6	97	-2%	1%
7	97	-1%	1%
8	94	-1%	3%
9	93	0%	6%
10	90	1%	7%
11	88	3%	6%
12	97	2%	0%
13	94	3%	-1%
14	95	0%	-1%
15	85	9%	-7%
16	97	0%	0%



FLEX STP VARIABLE WHITE

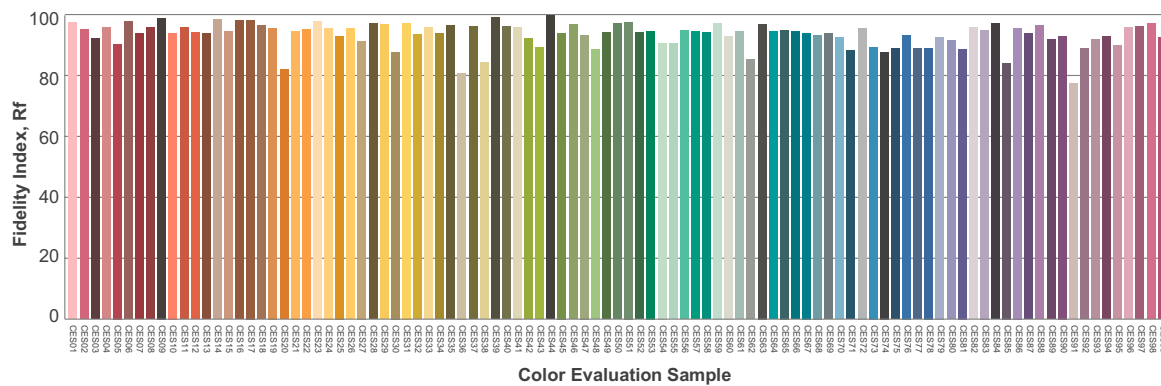
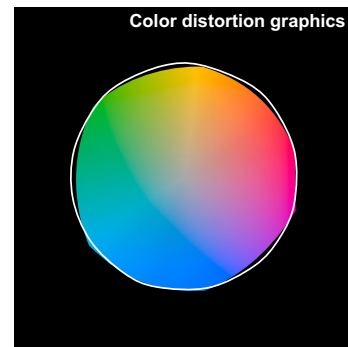
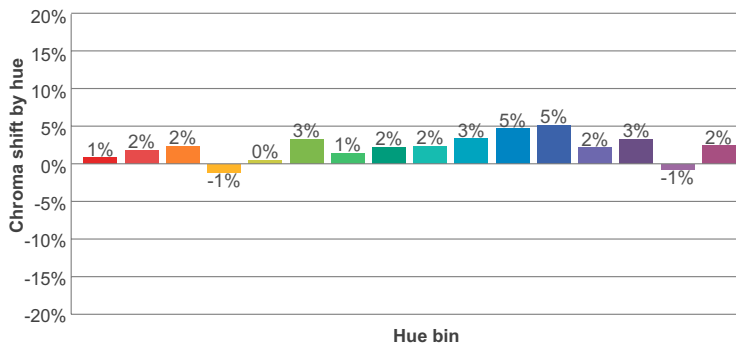
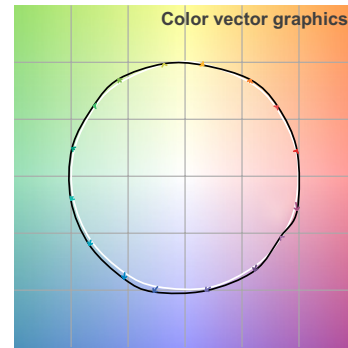
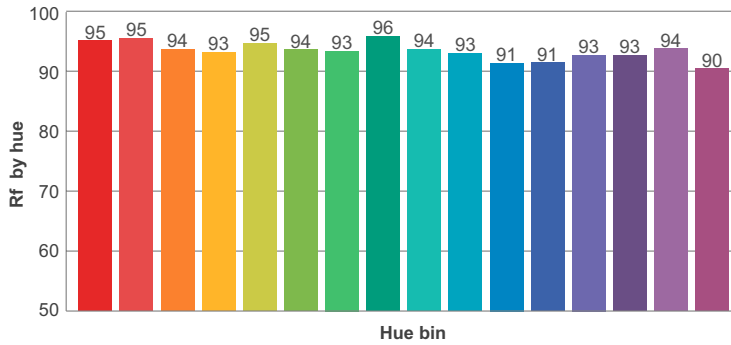
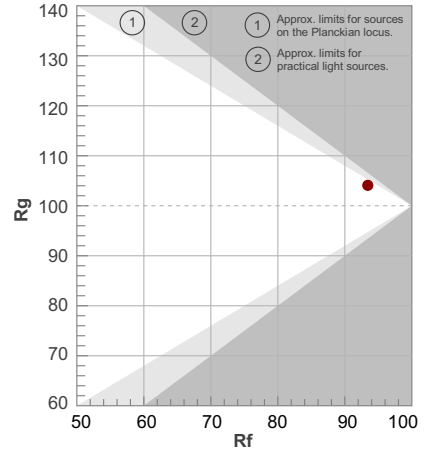
Specification Sheet

TM-30 - 1800K, 3550K (Both Colors @ 100%)

Rf 93.4
Fidelity index Rf

Rg 104.1
Gammut index Rg

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



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Optic Arts reserves the right to modify this specification without prior notice.
Last Modified: February 14, 2019 11:52 PM



FLEX STP VARIABLE WHITE

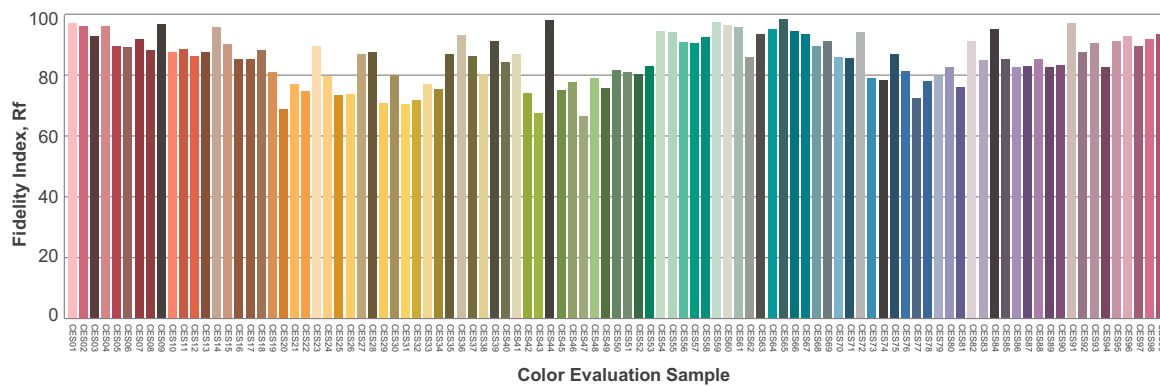
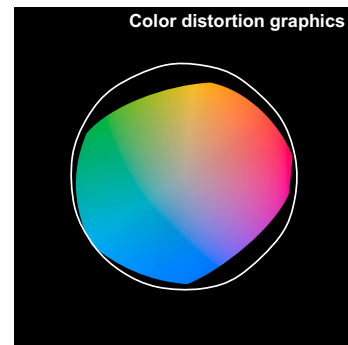
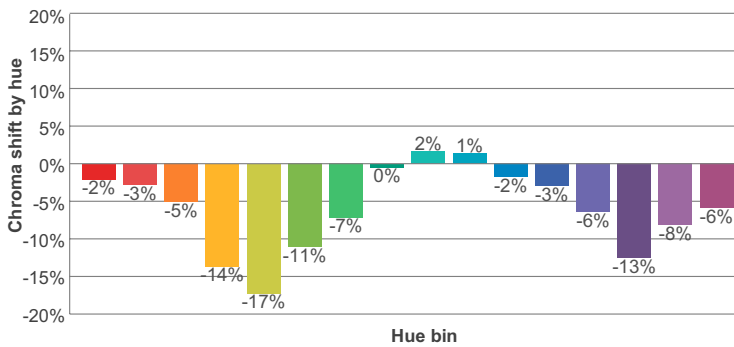
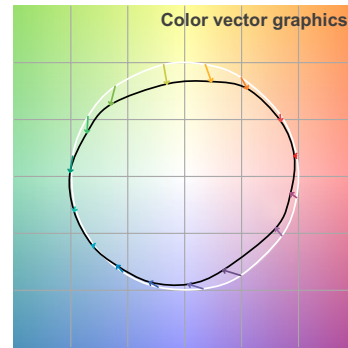
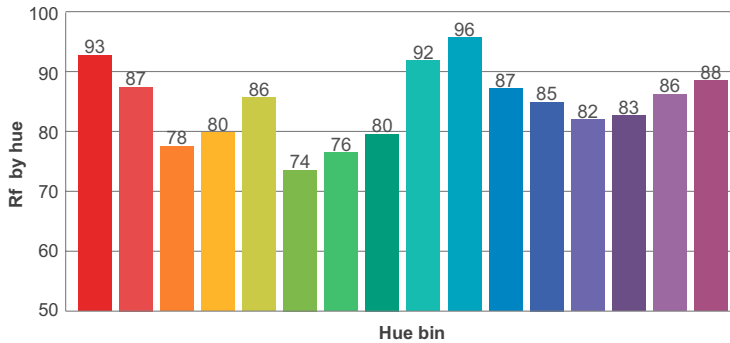
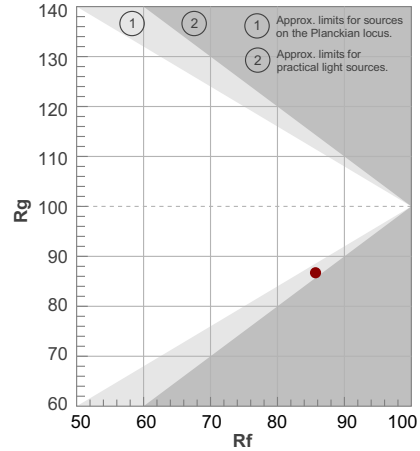
Specification Sheet

TM-30 - 1800K Only (From 1800K-3550K)

Rf 85.7
Fidelity index Rf

Rg 86.7
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	93	-2%	0%
2	87	-3%	-5%
3	78	-5%	-10%
4	80	-14%	-8%
5	86	-17%	0%
6	74	-11%	12%
7	76	-7%	12%
8	80	0%	14%
9	92	2%	4%
10	96	1%	-2%
11	87	-2%	-7%
12	85	-3%	-8%
13	82	-6%	-12%
14	83	-13%	-10%
15	86	-8%	2%
16	88	-6%	3%



FLEX STP VARIABLE WHITE

Specification Sheet

TM-30 - 3550K Only (From 1800K-3550K)

Rf 91.7
Fidelity index Rf

Rg 99.9
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	94	0%	1%
2	96	0%	0%
3	96	0%	0%
4	92	-3%	-2%
5	91	-5%	-1%
6	96	-2%	1%
7	92	-4%	4%
8	94	-1%	3%
9	89	0%	7%
10	85	1%	9%
11	86	5%	7%
12	92	4%	1%
13	96	1%	-2%
14	92	4%	-3%
15	90	1%	-2%
16	90	2%	-4%

