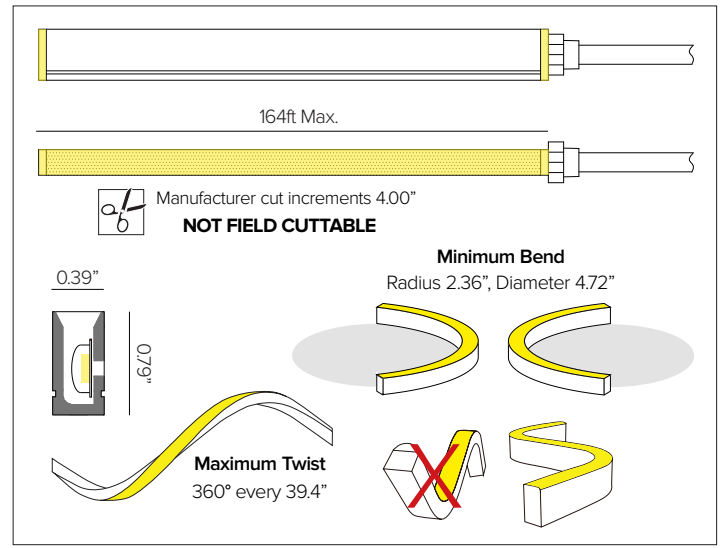
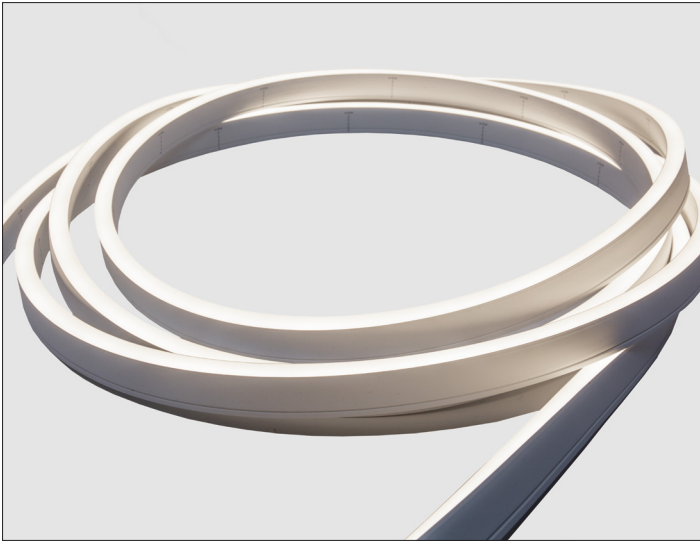


# DURAFLEX HIVOLT SIDE FLEX

## Line Voltage Flexible Continuous Illumination



### CONCEPT

120V AC LED flexible flat top neon light for linear continuous static white applications with the advantage of being able to reach a long distance continuous lengths without the inconvenience of a remote LED driver.

### MECHANICAL CHARACTERISTICS

<b>Materials</b>	Manufactured with latest generation UV resistant weatherproof and flame proof environmentally friendly extruded silicone with LED strip and milky white diffusion lens.
<b>Functionality</b>	Ideal for long length interior/exterior flexible applications. Connects directly into line voltage by means of 120V AC two prong plug or with single gang J-Box cover and free wire connection, both straight or rear feed orientations available.
<b>Installation</b>	<b>NOT FIELD CUTTABLE.</b> Factory pre-assembled to specific lengths with directional power connection and lead wire assemblies to be mounted or inserted into profiles, see options available.
<b>Protection</b>	IP65 & UL94 V-0 Flammability Rating

### CERTIFICATIONS

cULus Wet Location Listed UL1598 / UL2388  
Tested in accordance with LM-79-08.  
Compliant for California installations.  
RoHS Compliant





### WARRANTY

5 year limited warranty

### ELECTRICAL CHARACTERISTICS

<b>Power Connection</b>	Factory attached end prep, see available options. Each run length includes secondary fuse protection module at start of run. Flicker free dimming to 10% with ELV dimmer.
<b>Wattage</b>	4.3W/ft
<b>Voltage</b>	120V AC
<b>Trigger Time</b>	< 0.2s
<b>Frequency</b>	50 Hz
<b>Number of cycles</b>	100,000
<b>Operating Temp.</b>	-20°C / +45°C
<b>Max Continuous Length</b>	164ft, order lengths must be in 4.00" increments. <b>NOT FIELD CUTTABLE.</b> Factory manufactured individual run lengths.

### SOURCE

LEDs	24 LEDs/ft							
TM30	CCT (Nominal)	CRI	Rf	Rg	R9	DUV	SDCM	
	2700K 	92	92	99	59	-0.0011	3	
	3000K 	93	91	97	64	-0.0048	3	
	3500K 	94	90	98	62	-0.0010	3	
	4000K 	94	90	98	63	-0.0007	3	
Strip & LED Details	CCT	W/LED	Efficacy*	Lm/Ft	Viewing Angle			
	2700K	0.18	25	106	114°			
	3000K	0.18	27	115	114°			
	3500K	0.18	27	115	114°			
	4000K	0.18	27	117	114°			
* Meets Title 24 High efficacy rating.								
Lifetime	Indoor: L70/B20 >50,000hrs at max TA +25°C							
	Outdoor: L70/B20 >36,000hrs at max TA +45°C							

# DURAFLEX HIVOLT SIDE FLEX

## SPECIFICATION INFORMATION

DF	HV	SB				/	/	
1	2	3	4	5	6	7	8	

Ex: DFHVSB43030 / DF120SS-JCVR6505 / KT14HVUVS1

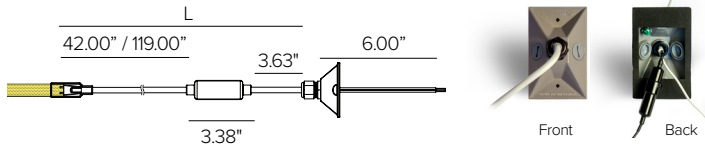
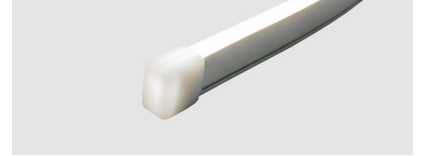
1 - PRODUCT CODE	2 - VOLTAGE	3 - TYPE	4 - WATTAGE	5 - RATING	6 - KELVIN	7 - END PREP CONNECTION	8 - MOUNTING
DF — DURAFLEX	HV — HIVOLT 120V AC	SB — SIDE Flex	43 — 4.3W/ft	O — IP65	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K	<b>REQUIRED</b> <a href="#">See section for details</a>	<b>REQUIRED</b> <a href="#">See section for details</a>

# DURAFLEX HIVOLT SIDE FLEX

## 7 - END PREP CONNECTION (REQUIRED)

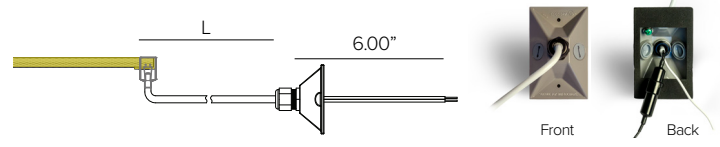
**TRANSLUCENT CAP STYLE:** Purchase by length only, factory manufactured. **NOT field cuttable!**

Note: 1.4" of the lead and 0.13" of the end cap do not overlap with the tape. Include an extra 1.53" to your individual run length.



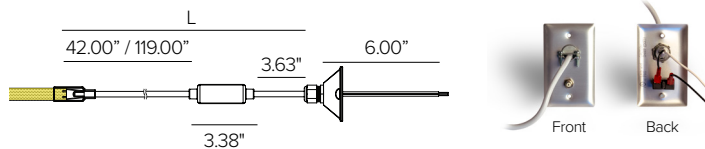
DURAFLEX HIVOLT SIDE exterior junction box cover straight feed for UL1598 permanent Installations. Factory attached transparent PVC end prep with white 60"L lead wire and single gang IP65 outdoor junction box cover and secondary thermal breaker. Completed with translucent silicone factory attached end cap.

Length (L)	58"L	127"L
Part No.	<b>DF120SS-JCVR6505</b>	<b>DF120SS-JCVR6510</b>



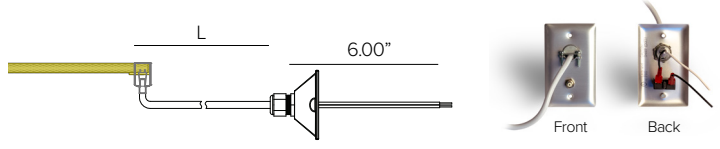
DURAFLEX HIVOLT SIDE exterior junction box cover bottom feed for UL1598 permanent Installations. Factory attached transparent PVC end prep with white 60"L lead wire and single gang IP65 outdoor junction box cover and secondary thermal breaker. Completed with translucent silicone factory attached end cap.

Length (L)	58"L	127"L
Part No.	<b>DF120SB-JCVR6505</b>	<b>DF120SB-JCVR6510</b>



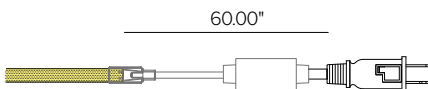
DURAFLEX HIVOLT SIDE interior junction box cover straight feed for UL1598 permanent Installations. Factory attached transparent PVC end prep with white 60"L lead wire and single gang IP20 junction box cover and secondary thermal breaker. Completed with translucent silicone factory attached end cap.

Length (L)	58"L	127"L
Part No.	<b>DF120SS-JCVR2005</b>	<b>DF120SS-JCVR2010</b>



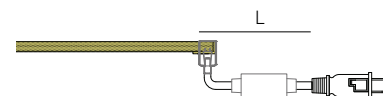
DURAFLEX HIVOLT SIDE interior junction box cover bottom feed for UL1598 permanent Installations. Factory attached transparent PVC end prep with white 60"L lead wire and single gang IP20 junction box cover and secondary thermal breaker. Completed with translucent silicone factory attached end cap.

Length (L)	58"L	127"L
Part No.	<b>DF120SB-JCVR2005</b>	<b>DF120SB-JCVR2010</b>



DURAFLEX HIVOLT SIDE plug straight end feed. Factory attached transparent PVC end prep with white 60"L lead wire and 2 prong plug connection. Completed with translucent silicone factory attached end cap.

Part No.	<b>DF120SS-ACS</b>
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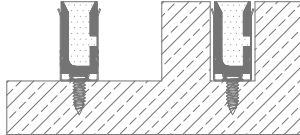
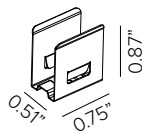


DURAFLEX HIVOLT SIDE plug bottom end feed. Factory attached transparent PVC end prep with white 60"L lead wire and 2 prong plug connection. Completed with translucent silicone factory attached end cap.

Length (L)	58"L
Part No.	<b>DF120SB-ACS</b>

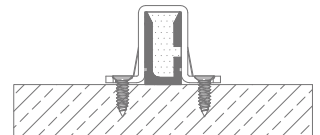
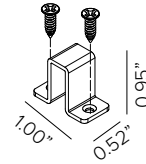
# DURAFLEX HIVOLT SIDE FLEX

## 8 - MOUNTING (REQUIRED)



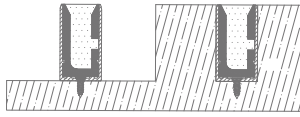
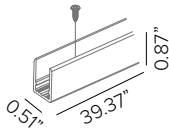
DURAFLEX HIVOLT SIDE bottom fixing clips, stainless steel. Includes 2ea clips and 5ea screws.

Part No. **KT14HVUVVC1**



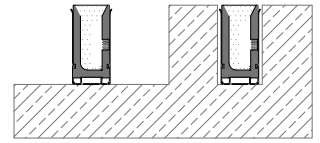
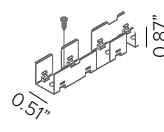
DURAFLEX HIVOLT SIDE transparent clips kit. Includes 2ea clips and 10ea screws.

Part No. **KT14HVUVS1**



DURAFLEX HIVOLT SIDE aluminum rigid profile with 2ea screws. **Note, translucent cap style and bottom termination end prep configurations rest outside of the profile.**

Part No. **KT14HVUVP1**



DURAFLEX HIVOLT SIDE flexible stamped stainless steel profile secured with screws, 1ea provided per foot. Available in 1ft lengths. **Note, translucent cap style and bottom termination end prep configurations rest outside of the profile.**

Part No. **KT14HVUVP2**

## PHOTOMETRY

IES FILES SHOWN AT 1M (3.28FT) LENGTHS

	2700K	H(m)	D(m)	E <sub>max</sub> (lx)
	94Ra		114°	
Fixture Power	14W	1	3.10	116
Source Flux	347lm	2	6.20	29
Fixture Flux	347lm	3	9.30	13
Efficacy	25lm/W	4	12.40	7
I <sub>max</sub> =336cd/klm	I <sub>max</sub>	5	15.50	5

	3000K	H(m)	D(m)	E <sub>max</sub> (lx)
	93Ra		114°	
Fixture Power	14W	1	3.07	127
Source Flux	378lm	2	6.15	32
Fixture Flux	378lm	3	9.22	14
Efficacy	28lm/W	4	12.30	8
I <sub>max</sub> =336cd/klm	I <sub>max</sub>	5	15.37	5

### COMPATIBLE DIMMERS

Brand	Type	Product Code	Dim Range
LUTRON	DIVA	DVCL-153P	10%
		DVLV-600P	10%
		DV-600P	10%
		DVRF-6L	10%
	DALIA	RCL-153PNL	10%
	MAESTRO	MSCL-OP153M	10%
		MACL-153ML	10%
	SKYLARK	CTCL-150	10%
		CTCL-153P	10%
		SCL-153P	10%
LEVITON	TOGGLER	TGCL-153P	10%
		STCL-153M	10%
	SUNNATA	IPL06	10%
		DSL06	10%
	TRIMATRON	6683	10%