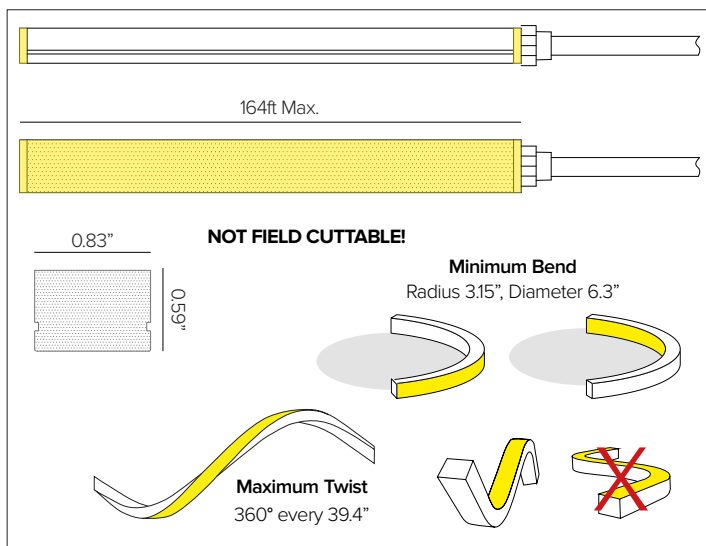
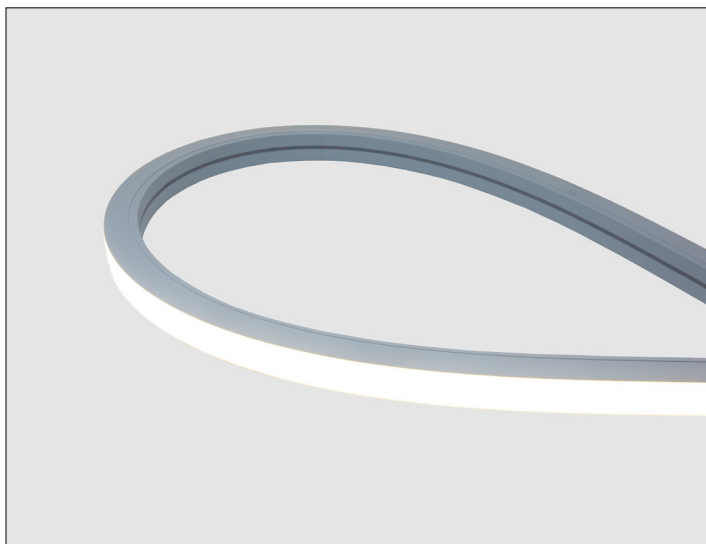


DURAFLEX HIVOLT TOP FLEX

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

Materials	Manufactured with latest generation UV resistant weatherproof and flame proof environmentally friendly extruded silicone with LED strip and milky white diffusion lens.
Functionality	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.
Installation	NOT FIELD CUTTABLE. Factory pre-assembled to specific lengths with directional power connection and lead wire assemblies to be mounted or inserted into profiles, see options available.
Protection	IP65 & UL94 V-0 Flammability Rating

CERTIFICATIONS

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

WARRANTY

5 year limited warranty

ELECTRICAL CHARACTERISTICS

Power Connection	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.
Wattage	4.3W/ft
Voltage	120V AC
Trigger Time	< 0.2s
Frequency	50 Hz
Number of cycles	100,000
Operating Temp.	-20°C / +45°C
Max Continuous Length	164ft, order lengths must be in 8.00" increments. NOT FIELD CUTTABLE. Factory manufactured individual run lengths.

SOURCE

LEDs	24 LEDs/ft						
TM30	CCT (Nominal)	CRI	Rf	Rg	R9	DUV	SDCM
	2700K	93	92	99	63	-0.0007	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	0.12	50	213	115°		
	3000K	0.12	51	218	115°		
	3500K	0.12	51	218	115°		
	4000K	0.12	53	229	115°		
* 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 TOP FLEX

SPECIFICATION INFORMATION

DF	HV	TB					/	/	
1	2	3	4	5	6	7	8	REQUIRED	

Ex: DFHVTB43O30 / DF120TS-JCVR6505 / KT14HVUTS1

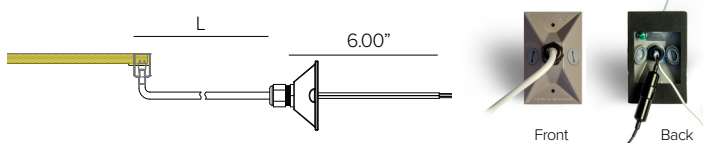
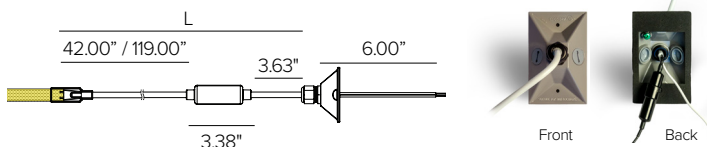
1 - PRODUCT CODE	2 - VOLTAGE	3 - TYPE	4 - WATTAGE	5 - RATING	6 - KELVIN	7 - END PREP CONNECTION	8 - MOUNTING
DF — DURAFLEX	HV — HIVOLT 120V AC	TB — TOP Flex	43 — 4.3W/ft	O — IP65	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K	REQUIRED See section for details	REQUIRED See section for details

DURAFLEX HIVOLT TOP 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.

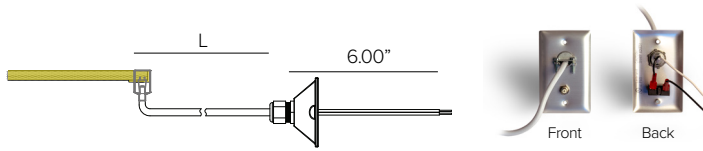
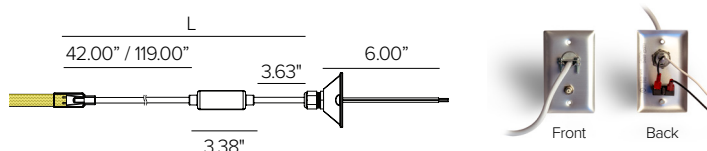


DURAFLEX HIVOLT TOP exterior junction box cover straight feed for UL1598 permanent Installations. Factory attached transparent PVC end prep with white 60"L lead wire and single gang IP65 outdoor junction box cover and secondary thermal breaker. Completed with translucent silicone factory attached end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

Length (L)	58"L	127"L
Part No.	DF120TS-JCVR6505	DF120TS-JCVR6510

DURAFLEX HIVOLT TOP 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.	DF120TB-JCVR6505	DF120TB-JCVR6510

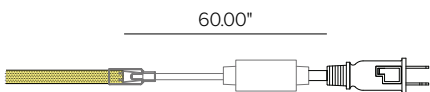


DURAFLEX HIVOLT TOP interior junction box cover straight feed for UL1598 permanent Installations. Factory attached transparent PVC end prep with white 60"L lead wire and single gang IP20 junction box cover and secondary thermal breaker. Completed with translucent silicone factory attached end cap.

Length (L)	58"L	127"L
Part No.	DF120TS-JCVR2005	DF120TS-JCVR2010

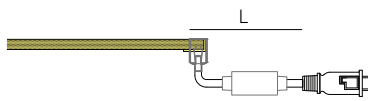
DURAFLEX HIVOLT TOP interior junction box cover bottom feed for UL1598 permanent Installations. Factory attached transparent PVC end prep with white 60"L lead wire and single gang IP20 junction box cover and secondary thermal breaker. Completed with translucent silicone factory attached end cap.

Length (L)	58"L	127"L
Part No.	DF120TB-JCVR2005	DF120TB-JCVR2010



DURAFLEX HIVOLT TOP 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.	DF120SS-ACS
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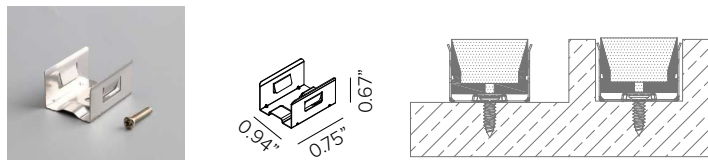


DURAFLEX HIVOLT TOP plug bottom end feed. Factory attached transparent PVC end prep with white 60"L lead wire and 2 prong plug connection. Completed with translucent silicone factory attached end cap.

Length (L)	60"L
Part No.	DF120SB-ACS

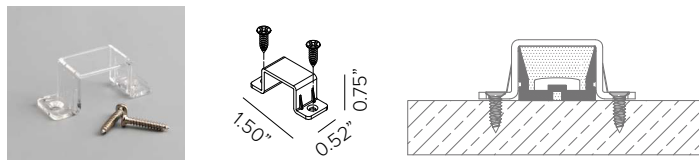
DURAFLEX HIVOLT TOP FLEX

8 - MOUNTING (REQUIRED)



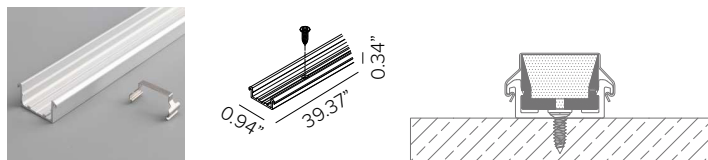
DURAFLEX HIVOLT TOP bottom fixing clips, stainless steel. Includes 2ea clips.

Part No. **KT14HVUTC1**



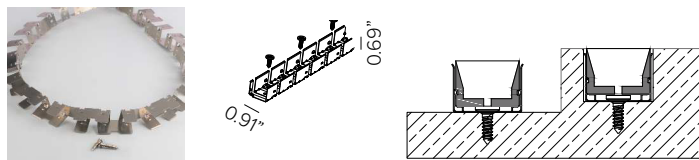
DURAFLEX HIVOLT TOP transparent clips kit. Includes 2ea clips.

Part No. **KT14HVUTS1**



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

Part No. **KT14HVUTP1**



DURAFLEX HIVOLT TOP 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)	Emax(lx)
	90Ra		115°	
Fixture Power	14W	1	3.13	234
Source Flux	700lm	2	6.25	59
Fixture Flux	700lm	3	9.38	26
Efficacy	51lm/W	4	12.51	15
Imax=335cd/klm	Imax	234cd	15.64	9

COMPATIBLE DIMMERS

Brand	Family	Model No.	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%
TOGGLER	TGCL-153P	10%	
SUNNATA	STCL-153M	10%	
LEVITON	DECORA	IPL06	10%
		DSL06	10%
	TRIMATRON	6683	10%