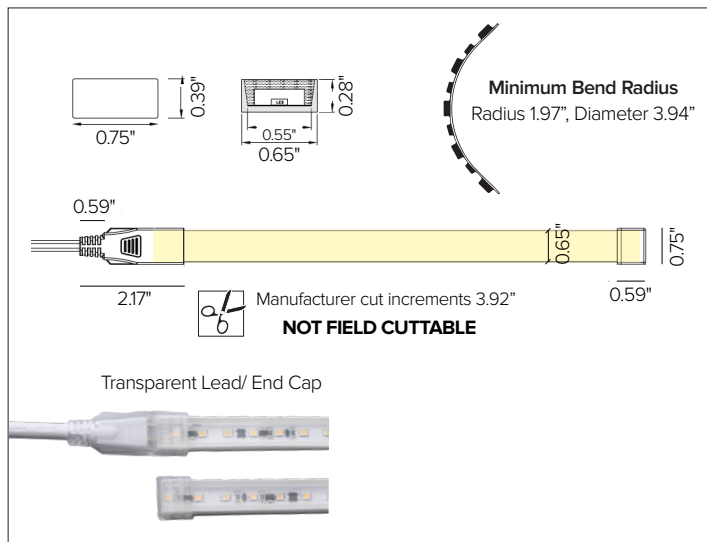


# DURATAPE HIVOLT

## Line Voltage Strip Light



### CONCEPT

Direct line voltage strip with opaque side walls for clean illumination cutoff and 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 extruded PVC body. Finished with white base and side walls with transparent top lens.
<b>Functionality</b>	Ideal for long length interior/exterior 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.
<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

### CERTIFICATIONS

cULus Wet Location Listed UL1598 / UL2388  
 Tested in accordance with LM-79-08.  
 Compliant for California installations.  
 RoHS Compliant  
**CEC T24 JA8-2019-E**

### 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, 10% dimmable with ELV dimmer.
<b>Wattage</b>	3.7W/ft
<b>Voltage</b>	120V AC
<b>Trigger Time</b>	< 0.2s
<b>Frequency</b>	60 Hz
<b>Number of cycles</b>	100,000
<b>Operating Temp.</b>	-25°C / +35°C
<b>Max Continuous Length</b>	164ft, order lengths must be in 3.92" increments. <b>NOT FIELD CUTTABLE.</b> Factory manufactured individual run lengths. 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.

### SOURCE

<b>LEDs</b>	24 LEDs/ft						
<b>Spacing</b>	0.50" O.C.						
<b>TM30</b>	<b>CCT (Nominal)</b>	<b>CRI</b>	<b>Rf</b>	<b>Rg</b>	<b>R9</b>	<b>DUV</b>	<b>SDCM</b>
	2200K	90	90	98	46	-0.0003	3
	2700K	93	92	99	65	-0.0006	3
	3000K	97	93	103	87	-0.0048	3
	3500K	93	90	98	63	-0.0010	3
	4000K	94	90	98	70	-0.0007	3
<b>Strip &amp; LED Details</b>	<b>CCT</b>	<b>W/LED</b>	<b>Efficacy*</b>	<b>Lm/Ft</b>	<b>Viewing Angle</b>		
	2200K	0.15W	74	271	102° x 111°		
	2700K	0.15W	82	305	102° x 111°		
	3000K	0.15W	86	320	102° x 111°		
	3500K	0.15W	86	320	102° x 111°		
	4000K	0.15W	94	351	102° x 111°		
	* Meets Title 24 High efficacy rating.						
<b>Lifetime</b>	Indoor: L70/B20 >50,000hrs at max TA +25°C Outdoor: L70/B20 >35,000hrs at max TA +25°C						



# DURATAPE HIVOLT

## SPECIFICATION INFORMATION




Ex: DLHV37030 / DL120HV-JCVR20 / PRAP-U

1 - PRODUCT CODE	2 - TYPE	3 - WATTAGE	4 - RATING	5 - KELVIN	6 - END PREP CONNECTION	7 - INTERCONNECTION	8 - MOUNTING
DL — Duratape™	HV — HIVOLT 120V AC	37 — 3.7W/ft	O — IP65	22 — 2200K 27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K	REQUIRED See section for details	OPTIONAL See section for details	REQUIRED See section for details

-  QSDLHV37027 + DL120HV-JCVR(20 OR 65)05 + PRAP-U OR PRAN-U
-  QSDLHV37030 + DL120HV-JCVR(20 OR 65)05 + PRAP-U OR PRAN-U
-  QSDLHV37035 + DL120HV-JCVR(20 OR 65)05 + PRAP-U OR PRAN-U

\* Lead time for quick ship fixtures is 1-2 weeks from processed PO date. Consult factory for quantities of over 500ft to confirm lead time.

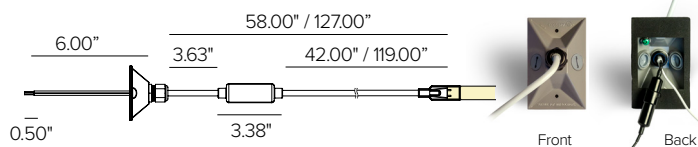
-  A DLHV37027 + END PREP + PROFILE
-  DLHV37030 + END PREP + PROFILE
-  DLHV37035 + END PREP + PROFILE
-  DLHV37040 + END PREP + PROFILE

## INSTALLATION EXAMPLES



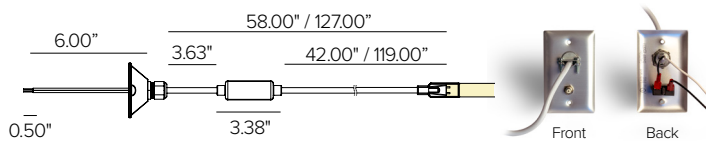
# DURATAPE HIVOLT

## 6 - END PREP CONNECTION (REQUIRED)



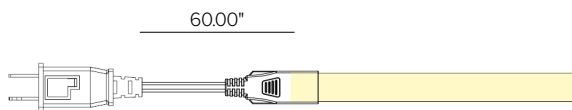
DURATAPE HIVOLT ARCH exterior junction box cover end feed. Factory attached transparent PVC end prep with white 60”L lead wire and single gang IP65 outdoor junction box cover and secondary thermal breaker. Completed with translucent silicone factory attached end cap.

Lead	60”L	120”L
Part No.	<b>DL120HV-JCVR6505</b>	<b>DL120HV-JCVR6510</b>



DURATAPE HIVOLT ARCH interior junction box cover end feed. 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.

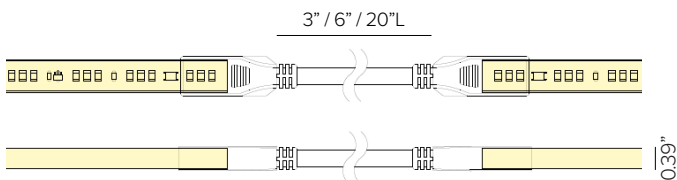
Lead	60”L	120”L
Part No.	<b>DL120HV-JCVR2005</b>	<b>DL120HV-JCVR2010</b>



DURATAPE HIVOLT ARCH plug 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>KTHV2U-EX</b>
----------	------------------

## 7 - INTERCONNECTION (OPTIONAL)



DURATAPE HIVOLT ARCH jumper interconnection. Factory attached transparent PVC end preps with white jumper cable.

Length	3”L	6”L	20”L
Part No.	<b>KT07HV2J0007</b>	<b>KT07HV2J0015</b>	<b>KT07HV2J0050</b>

# DURATAPE HIVOLT

## 8 - MOUNTING (REQUIRED)



Profile Spec Sheet  
Detailed Information



Uniform Continuous Direct View  
60%



Blend Opacity  
30%

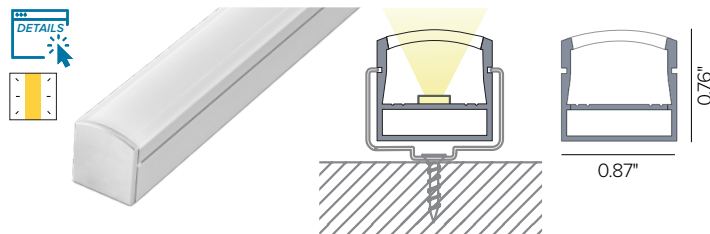


Softening Opacity  
10%



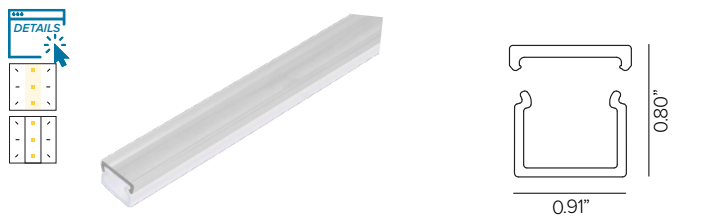
Clear

### SURFACE PROFILES AND CLIPS



Universal surface mount anodized aluminum rigid profile complete with lens.  
Dimension: 79" L (2M)

Lens	Opal Diffused	Asymmetric	Graze	Flood
Part No.	<b>PRAP-U</b>	<b>PRAP-UASYM</b>	<b>PRAP-U30</b>	<b>PRAP-U60</b>



Two-piece PVC mounting tube; white opaque base with cover (clear or frosted).  
Countersink screw holes, 12" O.C. Dimension: 96" L

Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
Part No.	<b>DLHV2PCC</b>	<b>DLHV2PCF10-8</b>	<b>DLHV2PCF30-8</b>	<b>DLHV2PCF60-8</b>



Rigid aluminum "U" channel. Countersink screw holes, 12" O.C. Dimension: 96" L.

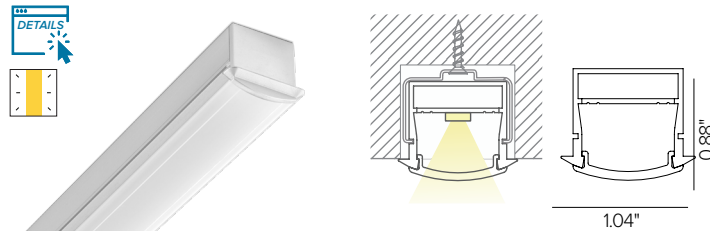
Part No. **DL88ALUMU8**



DURATAPE HIVOLT ARCH surface mounting clips, 10pcs. #4 flat head screws included. Recommended to use one clip per foot of strip (ie. 10pcs for 10ftL of strip).

Part No. **KTHV1-CL**

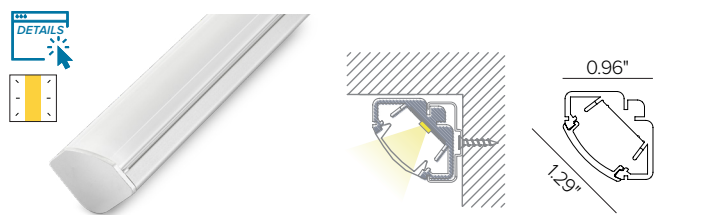
### RECESSED PROFILES



Universal flush mount anodized aluminum rigid profile complete with lens.  
Dimension: 79" L (2M)

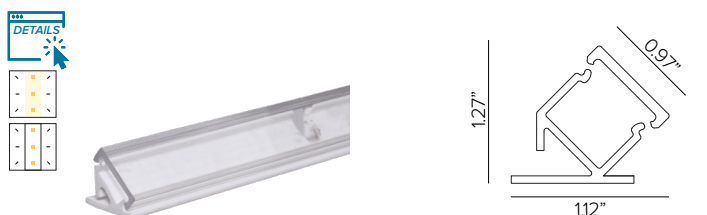
Lens	Opal Diffused	Asymmetric	Graze	Flood
Part No.	<b>PRIN-U</b>	<b>PRIN-UASYM</b>	<b>PRIN-U30</b>	<b>PRIN-U60</b>

### ANGLED PROFILES



Universal 45° corner anodized aluminum rigid profile complete with lens.  
Dimension: 79" L (2M)

Lens	Opal Diffused	Asymmetric	Graze	Flood
Part No.	<b>PRAN-U</b>	<b>PRAN-UASYM</b>	<b>PRAN-U30</b>	<b>PRAN-U60</b>



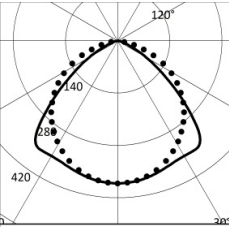
Two-piece 45° PVC mounting tube; white opaque base with cover (clear or frosted).  
Countersink screw holes, 12" O.C. Dimension: 96" L

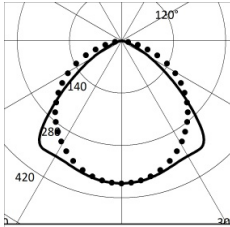
Base Part No.	<b>DLHV45MCH-8</b>			
Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
Cover Part No.	<b>DLHV45CVR-8C</b>	<b>DLHV45CVR-8F10</b>	<b>DLHV45CVR-8F30</b>	<b>DLHV45CVR-8F60</b>

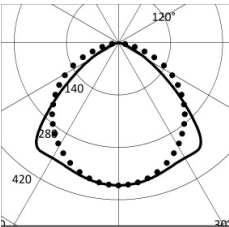
# DURATAPE HIVOLT

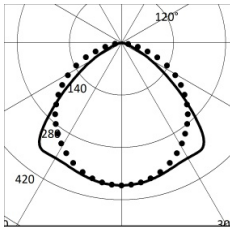
## PHOTOMETRY

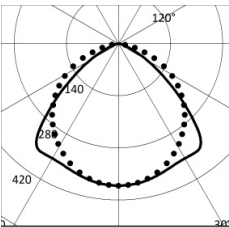
IES FILES SHOWN AT 1M (3.28FT) LENGTHS

	2200K		H(m) D1(m) D2(m) Emax(lx)			
	-	-	102°	111°		
Fixture Power	12W	1	2.46	2.91	339	
Source Flux	890lm	2	4.92	5.82	85	
Fixture Flux	890lm	3	7.37	8.73	38	
Efficacy	74lm/W	4	9.83	11.64	21	
I <sub>max</sub> =381cd/klm	I <sub>max</sub>	5	12.29	14.55	14	

	2700K		H(m) D1(m) D2(m) Emax(lx)			
	-	-	102°	111°		
Fixture Power	12W	1	2.46	2.91	381	
Source Flux	1000lm	2	4.92	5.82	95	
Fixture Flux	1000lm	3	7.37	8.73	42	
Efficacy	83lm/W	4	9.83	11.64	24	
950378 I <sub>max</sub> =381cd/klm	I <sub>max</sub>	5	12.29	14.55	15	

	3000K		H(m) D1(m) D2(m) Emax(lx)			
	-	-	102°	111°		
Fixture Power	12W	1	2.46	2.91	400	
Source Flux	1050lm	2	4.92	5.82	100	
Fixture Flux	1050lm	3	7.37	8.73	44	
Efficacy	88lm/W	4	9.83	11.64	25	
950385 I <sub>max</sub> =381cd/klm	I <sub>max</sub>	5	12.29	14.55	16	

	3500K		H(m) D1(m) D2(m) Emax(lx)			
	-	-	102°	111°		
Fixture Power	12W	1	2.46	2.91	400	
Source Flux	1050lm	2	4.92	5.82	100	
Fixture Flux	1050lm	3	7.37	8.73	44	
Efficacy	88lm/W	4	9.83	11.64	25	
950392 I <sub>max</sub> =381cd/klm	I <sub>max</sub>	5	12.29	14.55	16	

	4000K		H(m) D1(m) D2(m) Emax(lx)			
	-	-	102°	111°		
Fixture Power	12W	1	2.46	2.91	438	
Source Flux	1150lm	2	4.92	5.82	110	
Fixture Flux	1150lm	3	7.37	8.73	49	
Efficacy	96lm/W	4	9.83	11.64	27	
950408 I <sub>max</sub> =381cd/klm	I <sub>max</sub>	5	12.29	14.55	18	