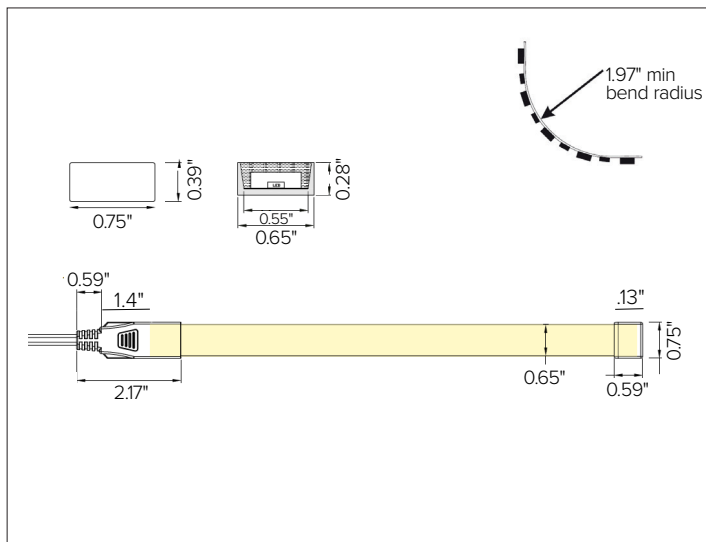


# DURATAPE H1VOLT DIM-TO-WARM

## Line Voltage Dim-to-Warm Strip Light



### CONCEPT

Direct line voltage dim-to-warm 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 installed end preps available, see available options. Each run length includes secondary fuse protection module at start of run. 10% Dim with ELV dimmer.
<b>Wattage</b>	3.6W/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> 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>
	T1 – 1800K	95	89	89	66	-0.0037	3
	T1 – 3000K	97	93	103	87	-0.0048	3
	T2 – 2700K	93	92	99	65	-0.0006	3
	T2 – 5000K	94	90	99	81	-0.0052	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>		
	3000K	0.10W	81	290	108°		
	5000K	0.10W	80	280	108°		
	* Meets Title 24 High efficacy rating.						
<b>Lifetime</b>	L70/B20 indoor >50,000hrs, outdoor >35,000hrs at max TA +25°C						

# DURATAPE HIVOLT DIM-TO-WARM

## SPECIFICATION INFORMATION

DL	DW					6	7	8
1	2	3	4	5		REQUIRED	OPTIONAL	REQUIRED

Ex: DLDW36OT1 / 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™	120DW — Dim-to-Warm	36 — 3.6W/ft	O — IP65	T1 <sup>A</sup> — 1800K — 3000K T2 — 2700K — 5000K	REQUIRED See section for details	OPTIONAL See section for details	REQUIRED See section for details



QSDL120DW36OT1 + DL120HV-JCVR(20 OR 65) + PRAP-U OR PRAN-U)

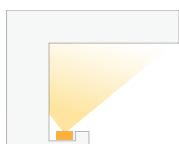
\* Lead time for quick ship fixtures is 1-2 weeks from processed PO date. Consult factory for quantities of over 250ft to confirm lead time.



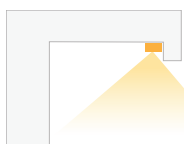
<sup>A</sup> DL120DW36OT1 + END PREP + PROFILE

## INSTALLATION EXAMPLES

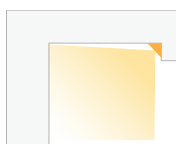
COVE



UNDER COUNTER TASK

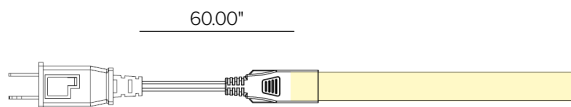


UNDER COUNTER DIRECTIONAL TASK



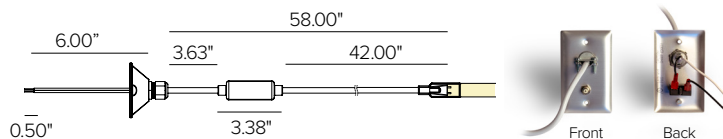
# DURATAPE HIVOLT DIM-TO-WARM

## 6 - END PREP CONNECTION (REQUIRED)



DURATAPE HIVOLT ARCH factory attached 60"L lead wire prep with 2 prong plug connection.

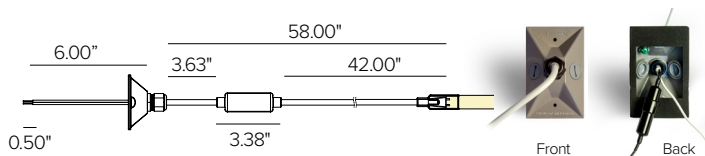
Part No. **KTHV2U-EX**



DURATAPE HIVOLT ARCH factory attached lead wire prep with single gang IP20 indoor J-Box cover and secondary thermal breaker.

Lead 60"L

Part No. **DL120HV-JCVR2005**

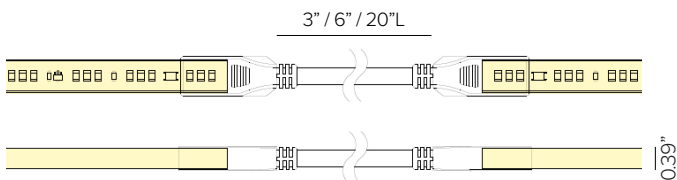


DURATAPE HIVOLT ARCH factory attached lead wire prep with single gang IP65 outdoor J-Box cover and secondary thermal breaker.

Lead 60"L

Part No. **DL120HV-JCVR6505**

## 7 - INTERCONNECTION (OPTIONAL)



DURATAPE HIVOLT ARCH factory attached jumper interconnection.

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

# DURATAPE HIVOLT DIM-TO-WARM

## 8 - MOUNTING (REQUIRED)

[WEBSITE LINK](#)  
[SPEC SHEET](#)

 **UNIFORM**  
DIRECT VIEW

 **BLENDED**  
DIRECT/INDIRECT VIEW

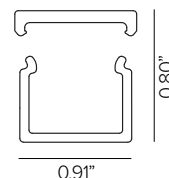
 **PIXEL**  
INDIRECT VIEW

### CLIPS AND SURFACE PROFILES



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).

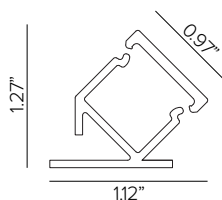
Part No. **KTHV1-CL**



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.    **DLHV2PCC**            **DLHV2PCF10-8**            **DLHV2PCF30-8**            **DLHV2PCF60-8**

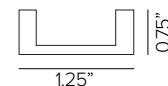


Two-piece 45° PVC mounting tube; white opaque base with cover (clear or frosted). Countersink screw holes, 12" O.C. Dimension: 96"L

Base Part No. **DLHV45MCH-8**

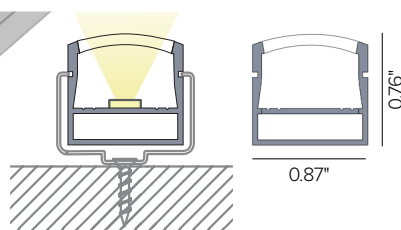
Cover Diffusion    Clear            Frosted 10%            Frosted 30%            Frosted 60%

Cover Part No.    **DLHV45CVR-8C**    **DLHV45CVR-8F10**    **DLHV45CVR-8F30**    **DLHV45CVR-8F60**



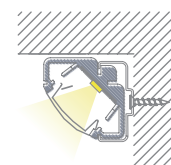
Rigid aluminum "U" channel. Countersink screw holes, 12" O.C. Dimension: 96"L.

Part No. **DL88ALUMU8**



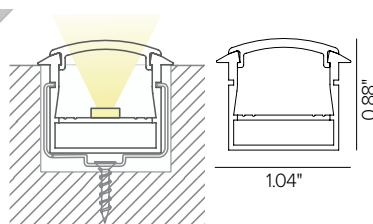
Surface mount anodized aluminum rigid profile complete with opal translucent lens. Dimension: 79"L (2M)

Part No. **PRAP-U**



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

Part No. **PRAN-U**



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

Part No. **PRIN-U**

# DURATAPE HIVOLT DIM-TO-WARM

## PHOTOMETRY

IES FILES SHOWN AT 1M (3.28FT) LENGTHS

		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90			108°	
		Fixture Power	12W	1	2.73	345
		Source Flux	950lm	2	5.47	86
		Fixture Flux	950lm	3	8.20	38
		Efficacy	79lm/W	4	10.94	22
950361	I <sub>max</sub> =364cd/klm	I <sub>max</sub>	345cd	5	13.67	14

		5000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90			108°	
		Fixture Power	12W	1	2.73	382
		Source Flux	1050lm	2	5.47	95
		Fixture Flux	1050lm	3	8.20	42
		Efficacy	87lm/W	4	10.94	24
950354	I <sub>max</sub> =364cd/klm	I <sub>max</sub>	382cd	5	13.67	15

## DIMMING CURVE

