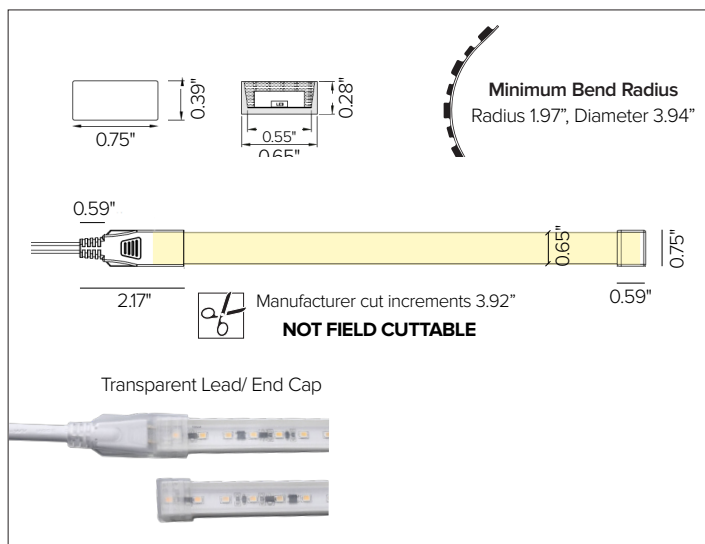


DURATAPE H1VOLT DIM-TO-WARM

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

Materials	Manufactured with latest generation UV resistant weatherproof extruded PVC body. Finished with white base and side walls with transparent top lens.
Functionality	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.
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

CERTIFICATIONS

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

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, 10% dimmable with ELV dimmer.
Wattage	3.6W/ft
Voltage	120V AC
Trigger Time	< 0.2s
Frequency	60 Hz
Number of cycles	100,000
Operating Temp.	-25°C / +35°C
Max Continuous Length	164ft, order lengths must be in 3.92" increments. NOT FIELD CUTTABLE. 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

LEDs	24 LEDs/ft						
Spacing	0.50" O.C.						
TM30	CCT (Nominal)	CRI	Rf	Rg	R9	DUV	SDCM
	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
Strip & LED Details	CCT	W/LED	Efficacy*	Lm/Ft	Viewing Angle		
	3000K	0.10W	81	290	108°		
	5000K	0.10W	80	280	108°		
	* Meets Title 24 High efficacy rating.						
Lifetime	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 ^A — 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)

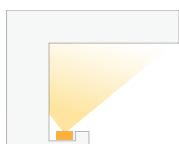
* Lead time for quick ship fixtures is 1-2 weeks from processed PO date. Consult factory for quantities of over 250ft to confirm lead time.



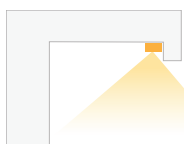
^A DL120DW36OT1 + END PREP + PROFILE

INSTALLATION EXAMPLES

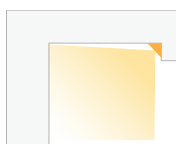
COVE



UNDER COUNTER TASK

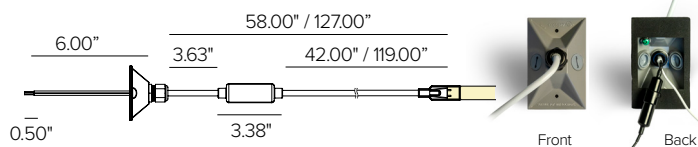


UNDER COUNTER DIRECTIONAL TASK



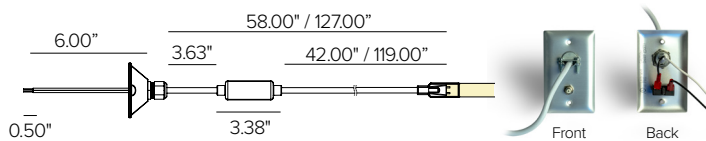
DURATAPE HIVOLT DIM-TO-WARM

6 - END PREP CONNECTION (REQUIRED)



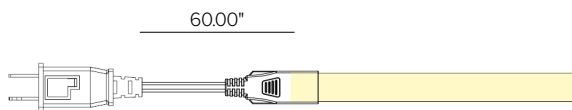
DURATAPE HIVOLT ARCH exterior junction box cover end feed. Factory attached transparent PVC end prep with white 60”L lead wire and single gang IP65 outdoor junction box cover and secondary thermal breaker. Completed with translucent silicone factory attached end cap.

Lead	60”L	120”L
Part No.	DL120HV-JCVR6505	DL120HV-JCVR6510



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.

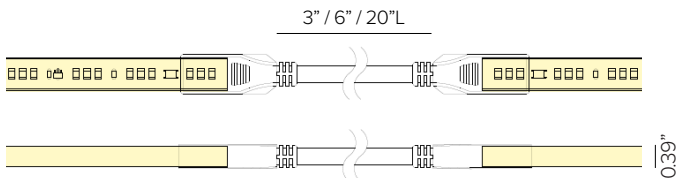
Lead	60”L	120”L
Part No.	DL120HV-JCVR2005	DL120HV-JCVR2010



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.	KTHV2U-EX
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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.	KT07HV2J0007	KT07HV2J0015	KT07HV2J0050

DURATAPE HIVOLT DIM-TO-WARM

8 - MOUNTING (REQUIRED)



Profile Spec Sheet
Detailed Information



Uniform Continuous Direct View
60%



Blend Opacity
30%

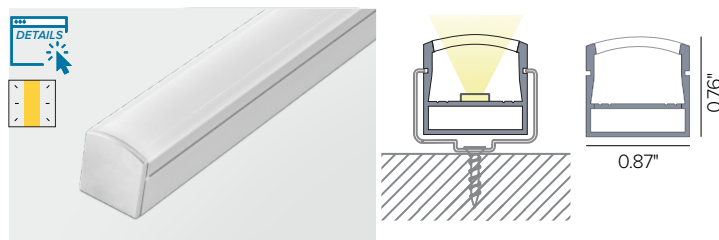


Softening Opacity
10%



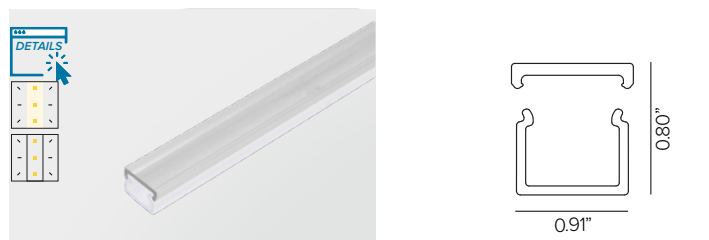
Clear

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.	PRAP-U	PRAP-UASYM	PRAP-U30	PRAP-U60



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



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

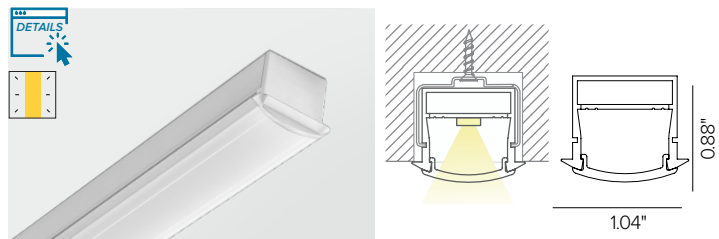
Part No. **DL88ALUMU8**



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**

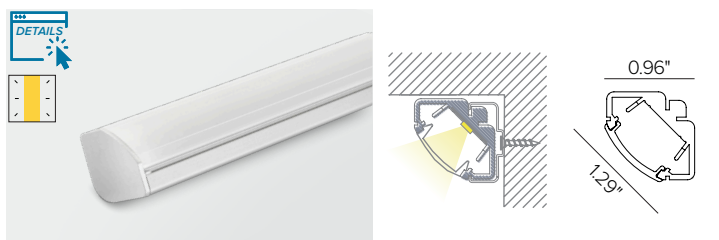
RECESSED PROFILES



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

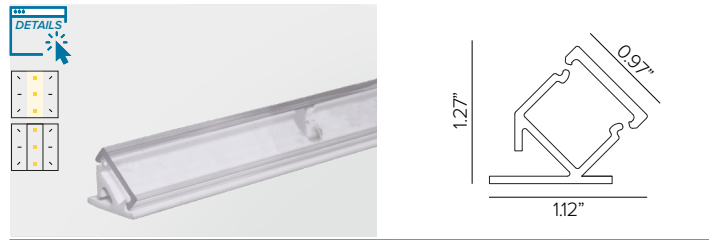
Lens	Opal Diffused	Asymmetric	Graze	Flood
Part No.	PRIN-U	PRIN-UASYM	PRIN-U30	PRIN-U60

ANGLED PROFILES



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

Lens	Opal Diffused	Asymmetric	Graze	Flood
Part No.	PRAN-U	PRAN-UASYM	PRAN-U30	PRAN-U60



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

DURATAPE HIVOLT DIM-TO-WARM

PHOTOMETRY

IES FILES SHOWN AT 1M (3.28FT) LENGTHS

		3000K	H(m)	D(m)	E _{max} (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 _{max} =364cd/klm	I _{max}	345cd	5	13.67	14

		5000K	H(m)	D(m)	E _{max} (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 _{max} =364cd/klm	I _{max}	382cd	5	13.67	15

DIMMING CURVE

