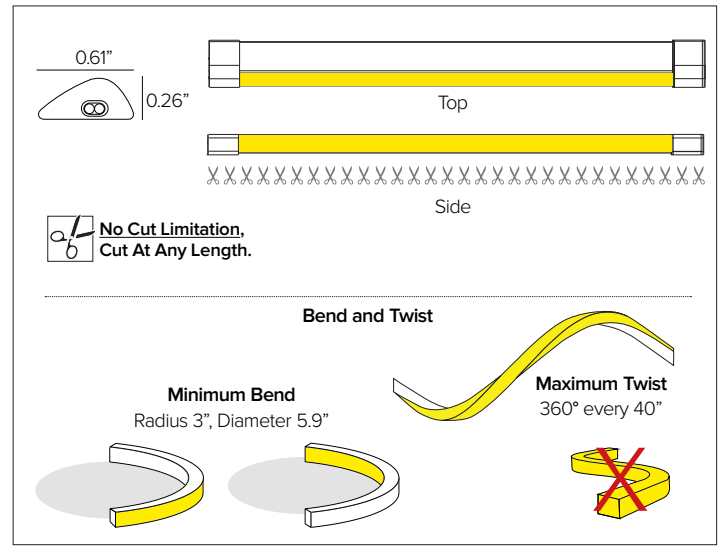


DURAFLEX EDGE 23

Flexible Triangular Light Strip for Corner



CONCEPT

DURAFLEX EDGE 23 features a an angled 23° profile engineered for seamless integration delivering uniform illumination for to under cabinet, toe-kick, stair, and other precision applications.

MECHANICAL CHARACTERISTICS

Materials	Extruded silicone with LED strip and milky white diffusion lens.
Finish	☐ White ☒ Black
Functionality	Extremely flexible and adjustable lengths for varied architectural applications.
Installation	Manufacturer pre-assembled to specific project lengths with factory attached end prep assemblies. To be installed with adhesive and completed with optional mounting profile.
Protection	Flex rated at IP67. <i>(For use in indoor/outdoor applications).</i> End prep rated at IP66. <i>Not to be used for submersible applications.</i>

CERTIFICATIONS

cULus Class 2 Listed
 Tested in accordance with LM-79-08
 Energy efficient for California installations.
 RoHS compliant

WARRANTY

5 year limited warranty

ELECTRICAL CHARACTERISTICS

Power Connection	Factory attached end prep, see available options. Remote Class 2 120V-277V AC power supply required, see available options.
Wattage	3.7W/ft
Voltage	24V DC
Trigger Time	< 0.2s
Number of Cycles	100,000
Operating Temp.	-25°C / +35°C
Max Continuous Length	30ft Factory manufactured individual run lengths, configurable at an length.

SOURCE

LEDS	112 LED's/ft					
Spacing	0.11" O.C.					
TM30	CCT (Nominal)	CRI	Ra	SDCM		
	2700K		90	90	3	
	3000K		90	90	3	
	3500K		90	90	3	
	4000K		90	90	3	
Flex & LED Detail	CCT	W/LED	Efficacy*	Delivered Lumens	Viewing Angle	
	3000K	0.03W	52lm/W	192lm/ft	120° x 100°	
	4000K	0.03W	52lm/W	192lm/ft	120° x 100°	
Lifetime	L70/B20 60,000hrs at max TA +25°C					

DURAFLEX EDGE 23

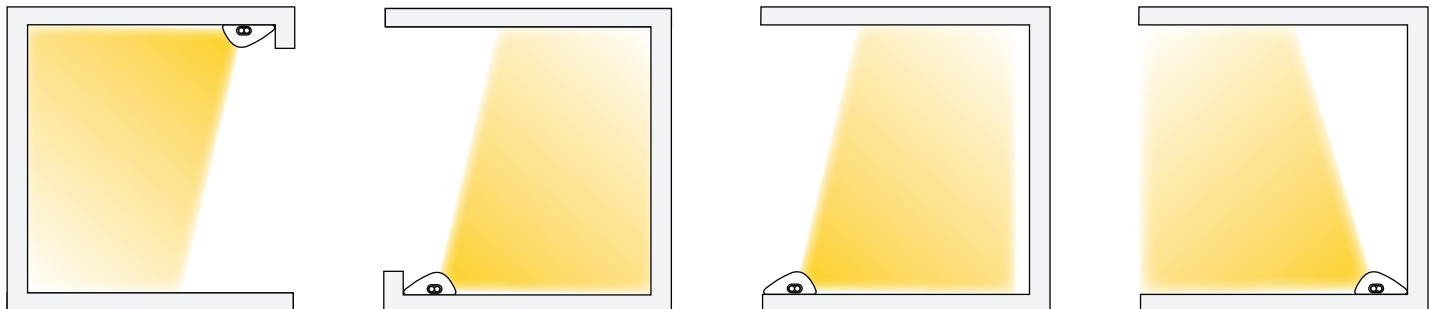
SPECIFICATION INFORMATION

DFED23									
1	2	3	4	5	6	7	8	9	10
							REQUIRED	OPTIONAL	REQUIRED
Ex: DFED23TBW37O3024 / KT20-UTWL1 / DMLE301242UD									
1 - PRODUCT CODE		2 - BEND	3 - FINISH	4 - WATTAGE	5 - RATING	6 - KELVIN		7 - VOLTAGE	
DFED23 — DURAFLEX EDGE 23		TB — LUMA TOP VERTICAL	W — White B — Black	37 — 3.7W/ft	O — IP67	27 — 2700K		24 — 24V DC	
						30 — 3000K			
						35 — 3500K			
						40 — 4000K			
8 - END PREP CONNECTION		9 - MOUNTING	10 - POWER SUPPLY						
REQUIRED See section for details		OPTIONAL See section for details	REQUIRED See section for details						

FINISHES

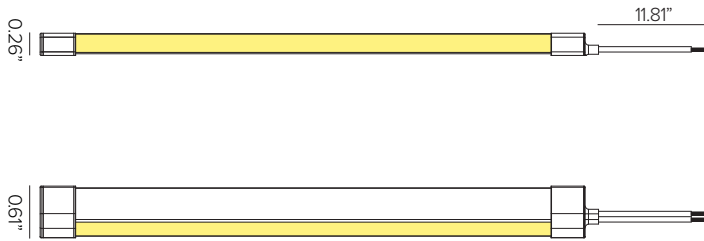


INSTALLATION EXAMPLES



DURAFLEX EDGE 23

8 - END PREP CONNECTION (REQUIRED)



DURAFLEX EDGE 23 opaque silicone straight end prep connection, factory pre-assembled. Lead wire/dead end allows for connection to power at lead end and field trim of DURAFLEX product at the other end. Completed with opaque silicone factory attached end cap.

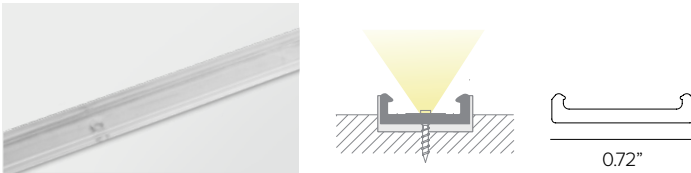
<i>Finish</i>	● White	● Black
<i>Part No.</i>	KT20-UTWL1	KT20-UTBL1



DURAFLEX EDGE 23 opaque silicone bottom end prep connection, factory pre-assembled. Lead wire/dead end allows for connection to power at lead end and field trim of DURAFLEX product at the other end. Completed with opaque silicone factory attached end cap.

<i>Finish</i>	● White	● Black
<i>Part No.</i>	KT20-UTWL1D	KT20-UTBL1D

9 - MOUNTING (OPTIONAL)



Clear PVC "U" channel. Countersink screw holes, 12" O.C. Dimension: 48"L.

Part No. **DLC-MCHAN-4**

DURAFLEX EDGE 23

10 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DMLE301242UD	30W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DMLE601242UD	60W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DELI601241CPWM	60W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DELX601241CPWM	60W	0-10V	1%	NEMA3R	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DELI901241CPWM	90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DELX901241CPWM	90W	0-10V	1%	NEMA3R	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DMLE961242UD	96W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	5.16" X 7.73" X 1.54	EMCOD electronic driver with wiring compartment.
DELV96124D	96W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DELI1802242CPWM	2X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DELX1802242CPWM	2X90W	0-10V	1%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DMLE1922242UD	2X96W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81	EMCOD electronic driver with wiring compartment.
DELI2703243CPWM	3X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DELX2703243CPWM	3X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DMLE2882242UD	3X96W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81	EMCOD electronic driver with wiring compartment.
STAND ALONE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Standalone)	Description
DEL60PWM	60W	0-10V	1%	IP67	120-277V / 24V	UL Class 2	5.9" X 2.09" X 1.38"	MEANWELL electronic PWM driver. UL listed enclosure provided by others.
DEL90PWM	90W	0-10V	1%	IP67	120-277V / 24V	UL Class 2	6.73" X 2.48" X 1.48"	MEANWELL electronic PWM driver. UL listed enclosure provided by others.

MAX TAPE LENGTHS PER DRIVER								
Fixture Wattage	Driver Wattage							
	30W	60W	90W	96W	2X90W	2X96W	3X90W	3X96W
	3.7W	7FT	13FT	20FT	21FT	(2) 20FT	(2) 21FT	(3) 20FT

DURAFLEX EDGE 23

PHOTOMETRY

IES FILES SHOWN AT 1M (3.28FT) LENGTHS

