



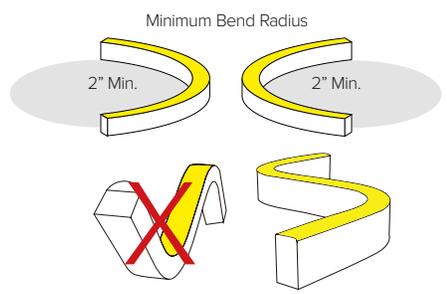
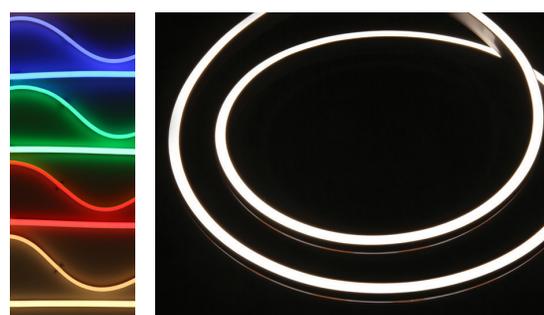
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DURAFLEX ARCH

SIDE Flex IP65 OUTDOOR

KEY FEATURES

- Energy efficient LED flexible light strip for continuous constant monochromatic color in linear applications.
- Extremely flexible and adjustable lengths for varied architectural applications.
- Available as side-bend quadrate profile for curved applications.
- Manufactured to specified lengths with factory attached end preps and various connector options for project requirements and efficient power configurations.
- Max continuous length: up to 30' per run (2.8W/ft) up to 20' per run (4.2W/ft)
- Multiple dimming options available.

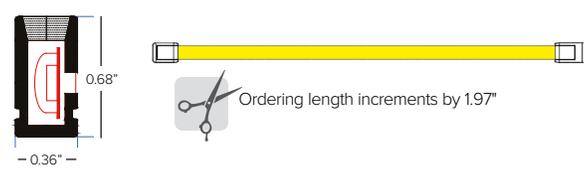


QUICK SHIP 1-2 weeks

DETAILS

- Spacing** 0.33" OC LED Spacing
- LEDs** 36 LEDs per foot
- Wattage** 2.8W/ft / 4.2W/ft
- Color Temp** 2700K / 3000K / 3500K / 4000K / Red 630nm / Green 530nm / Blue 470nm / Yellow 590nm / Orange 605nm
- End Preps** Factory attached end preps available (See Page 2).
- Field Cuts** See page 2 for manufacturer cut zones.
- Mounting** Mounting clip or aluminum mounting channel options.
- Lens Options** Extruded Silicone with Milky White diffusion lens with 113° visibility.
- Installation** Factory manufactured lengths with 12" IP65 connection lead with 12" power feed. To be completed with clip or channel mountings. Ordering lengths increments by 1.97". Minimum bend diameter 2in.
- Power Supply** Listed Class 2 output, 24V DC power supply required
- Certifications** cULus Class 2 Listed
Tested in accordance with LM-79-08
Energy efficient for California installations.
- Compliance** ROHS compliant
MRI Safe, driver to be mounted outside of MRI room. To be use with plastic or aluminum profiles only. To be installed with adhesive or MRI safe hardware only, no factory provided mounting hardware to be used.
- Warranty** 5 year warranty

DIMENSIONAL DRAWINGS



FIXTURE DATA

| Model | Efficacy* Lm/Ft Lm/Wt | Lm/Ft | W/Ft |
|-------|-----------------------|-------|------|
| 2700K | 25 | 107 | 4.2 |
| | 27 | 76 | 2.8 |
| 3000K | 27 | 113 | 4.2 |
| | 29 | 81 | 2.8 |
| 3500K | 27 | 113 | 4.2 |
| | 29 | 81 | 2.8 |
| 4000K | 25 | 107 | 4.2 |
| | 30 | 84 | 2.8 |

LED DATA

| Model | W/LED | Lifespan at 90% drive |
|---------|-------|-----------------------|
| 2.8W/ft | 0.08W | 50,000hrs |
| 4.2W/ft | 0.13W | 50,000hrs |

* LEDs operating at 90% of LED manufacturers maximum current rating.

* Meets Title 24 High efficacy rating.

| PRODUCT CODE | PROFILE | WATTAGE | IP RATING | COLOR TEMP | VOLTAGE | + | END PREP | + | MOUNTING | + | POWER SUPPLY |
|--------------|----------------|-------------------------------|---------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|---|----------|---|--------------|
| DFA | DuraFlex Arch™ | SB — SIDE Flex | 42 — 4.2W/ft (White ONLY) | O — Outdoor IP65 | 27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K RD — Red 630nm GR — Green 530nm BL — Blue 470nm YL — Yellow 590nm OR — Orange 605nm | 24 — 24 VDC | | | | | |
| | | 28 — 2.8W/ft (White or Color) | | | | | | | | | |

QUICK SHIP 1-2 weeks DFASB2803024-GS + KT10UVL1-GS
* Lead time for quick ship fixtures is 1-2 weeks from processed PO date. Consult factory for quantities of over 1000ft to confirm lead time.

2200K and 2400K available upon request.



Translucent Silicone Leads and End Caps



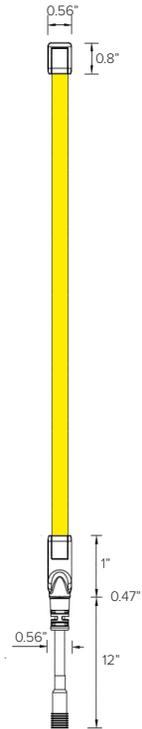
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REQUIRED END PREPS

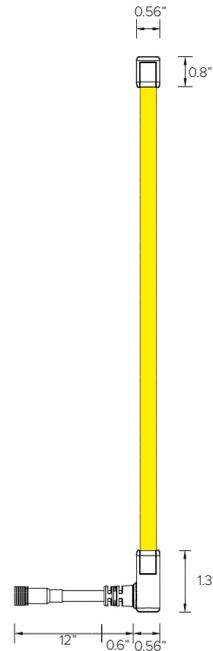
A



KT10UVL1

SIDE Flex straight end feed. Factory attached translucent silicone lead with two piece 12" wire, with IP65 quick disconnect at one end of product and dead end cap at other end. Lead wire/dead end allows for connection to power at lead end and field trim of DuraFlex product at the other end. Completed with translucent silicone factory attached end cap.

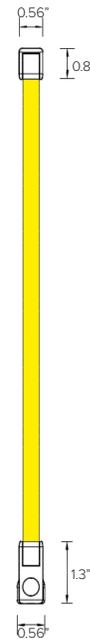
B



KT10UVL2

SIDE Flex side feed. Factory attached translucent silicone lead with two piece 12" wire, with IP65 quick disconnect at one end of product and dead end cap at other end. Lead wire/dead end allows for connection to power at lead end and field trim of DuraFlex product at the other end. Completed with translucent silicone factory attached end cap.

C



KT10UVL3

SIDE Flex bottom feed. Factory attached translucent silicone lead with two piece 12" wire, with IP65 quick disconnect at one end of product and dead end cap at other end. Lead wire/dead end allows for connection to power at lead end and field trim of DuraFlex product at the other end. Completed with translucent silicone factory attached end cap.



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DURAFLEX ARCH

SIDE Flex IP65 OUTDOOR

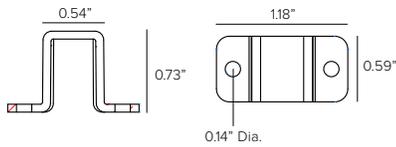
MOUNTING ACCESSORIES



KT10UVS1

KT10UVS1

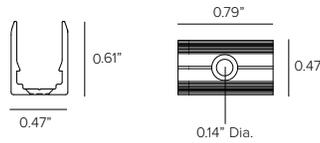
SIDE Flex Transparent clips kit. Includes 5 clips and 10 screws.



KT10UVC1

KT10UVC1

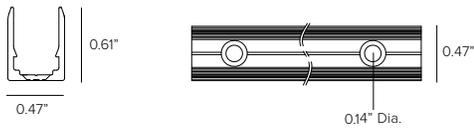
SIDE Flex Bottom fixing clips. Includes 5 clips and 5 screws.



KT10UVP1

KT10UVP1

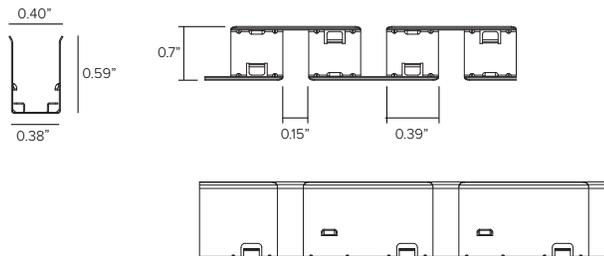
SIDE Flex 1 pcs of aluminum channel length 38in and 2 screws (termination end prep rest outside of the channel).



KTUVFP2

KTUVFP2

SIDE Flexible stamped stainless steel profile secured with screws, 1ea provided per foot. Available in 1ft lengths.





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DURAFLEX ARCH

SIDE Flex IP65 OUTDOOR

| Power Supply (REQUIRED) | Type | Wattage | Input/Output Voltage | Dimmable | IP Rating | Output | Dimensions |
|-------------------------|--------------------------------------------------------------------------------------------------|---------|----------------------|---------------------------------------|---------------------------------|------------|-----------------------------|
| DMLE301242UD | EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT. | 30W | 120-277V / 24V | FWD / REV PHASE / TRIAC / 0-10V / PWM | NEMA3R ENCLOSURE | UL CLASS 2 | 4.47" X 6.79" X 1.38" |
| DMLE601242UD | EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT. | 60W | 120-277V / 24V | FWD / REV PHASE / TRIAC / 0-10V / PWM | NEMA3R ENCLOSURE | UL CLASS 2 | 4.47" X 6.79" X 1.38" |
| DMLE961242UD | EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT. | 96W | 120-277V / 24V | FWD / REV PHASE / TRIAC / 0-10V / PWM | NEMA3R ENCLOSURE | UL CLASS 2 | 5.16" X 7.73" X 1.54" |
| DMLE1922242UD | EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT. | 2X96W | 120-277V / 24V | FWD / REV PHASE / TRIAC / 0-10V / PWM | NEMA3R ENCLOSURE | UL CLASS 2 | 5.04" X 10.94" X 1.81" |
| DMLE2882242UD | EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT. | 3X96W | 120-277V / 24V | FWD / REV PHASE / TRIAC / 0-10V / PWM | NEMA3R ENCLOSURE | UL CLASS 2 | 5.04" X 10.94" X 1.81" |
| DELV30124DJBX | MAGNITUDE SOLIDRIVE ELECTRONIC DRIVER WITH BUILT-IN JUNCTION BOX. | 30W | 120-277V / 24V | 0-10V 1% | IP66 | UL CLASS 2 | 12.1" X 2.36" X 1.4" |
| DELV30124D | MAGNITUDE SOLIDRIVE ELECTRONIC STANDALONE DRIVER. UL LISTED ENCLOSURE PROVIDED BY OTHERS. | 30W | 120-277V / 24V | 0-10V 1% | IP66 | UR CLASS 2 | 7.5" X 2.36" X 1.4" |
| DELV60124DJBX | MAGNITUDE SOLIDRIVE ELECTRONIC DRIVER WITH BUILT-IN JUNCTION BOX. | 60W | 120-277V / 24V | 0-10V 1% | IP66 | UL CLASS 2 | 12.1" X 2.36" X 1.4" |
| DELV60124D | MAGNITUDE SOLIDRIVE ELECTRONIC STANDALONE DRIVER. UL LISTED ENCLOSURE PROVIDED BY OTHERS. | 60W | 120-277V / 24V | 0-10V 1% | IP66 | UR CLASS 2 | 7.5" X 2.36" X 1.4" |
| DELV96124DJBX | MAGNITUDE SOLIDRIVE ELECTRONIC DRIVER WITH BUILT-IN JUNCTION BOX. | 96W | 120-277V / 24V | 0-10V DIMMING 1% | IP66 | UL CLASS 2 | 12.1" X 2.36" X 1.4" |
| DELV96124D | MAGNITUDE SOLIDRIVE ELECTRONIC STANDALONE DRIVER. UL LISTED ENCLOSURE PROVIDED BY OTHERS. | 96W | 120-277V / 24V | 0-10V DIMMING 1% | IP66 | UR CLASS 2 | 7.5" X 2.36" X 1.4" |
| DELX601241CPWM | ELECTRONIC PWM DRIVER | 60W | 120-277V / 24V | 0-10V/PWM 10% | IP67 DRIVER IN NEMA3R ENCLOSURE | UL CLASS 2 | 10" x 10" x 4" ¹ |
| DEL60PWM | ELECTRONIC PWM DRIVER STANDALONE. UL LISTED ENCLOSURE PROVIDED BY OTHERS | 60W | 120-277V / 24V | 0-10V/PWM 10% | IP67 | UR CLASS 2 | 5.9" X 2.09" X 1.38" |
| DELX901241CPWM | ELECTRONIC PWM DRIVER | 90W | 120-277V / 24V | 0-10V/PWM 10% | IP67 DRIVER IN NEMA3R ENCLOSURE | UL CLASS 2 | 10" x 10" x 4" ¹ |
| DEL90PWM | ELECTRONIC PWM DRIVER STANDALONE. UL LISTED ENCLOSURE PROVIDED BY OTHERS | 90W | 120-277V / 24V | 0-10V/PWM 10% | IP67 | UR CLASS 2 | 6.73" X 2.48" X 1.48" |
| DELX1802242CPWM | ELECTRONIC PWM DRIVER | 2X90W | 120-277V / 24V | 0-10V/PWM 10% | IP67 DRIVER IN NEMA3R ENCLOSURE | UL CLASS 2 | 12" x 12" x 4" ¹ |
| DELX2703243CPWM | ELECTRONIC PWM DRIVER | 3X90W | 120-277V / 24V | 0-10V/PWM 10% | IP67 DRIVER IN NEMA3R ENCLOSURE | UL CLASS 2 | 12" x 12" x 4" ¹ |

¹ Dimensions include enclosure with mounting bracket.

* Constant voltage drivers 50/60HZ, voltage regulated with short circuit protection. Operating temperature -40 C- 80° C

* Installation of power supply must be compliant to Class 2 installation standards. Refer to NEC and local building code requirements.

* Consult factory for additional driver options (ie: DMX, DALI, wattage, size, shape, Lutron, ELDO, or others).



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| Power Supply (REQUIRED) | Type | Wattage | Input/Output Voltage | Dimmable | IP Rating | Output | Dimensions |
|-------------------------|------------------------------------------------------------------------------|---------|-----------------------|----------------------|--------------------|------------|------------------------------------|
| DMLV40124D | MAGNETIC LOW VOLTAGE TRANSFORMER | 40W | 120V / 24V | MLV DIMMING < 1% | NEMA3R ENCLOSURE | UL CLASS 2 | 8.13" x 3.93" x 1.59" ¹ |
| DMLV60124D | MAGNETIC LOW VOLTAGE TRANSFORMER | 60W | 120V / 24V | MLV DIMMING < 1% | NEMA3R ENCLOSURE | UL CLASS 2 | 8.13" x 3.93" x 1.59" ¹ |
| DMLV96124D | MAGNETIC LOW VOLTAGE TRANSFORMER | 96W | 120V / 24V | MLV DIMMING < 1% | NEMA3R ENCLOSURE | UL CLASS 2 | 8.13" x 3.93" x 1.59" ¹ |
| PS060 | LUTRON HI-LUME PREMIER 0.1% CONSTANT VOLTAGE DRIVER WITH UL LISTED ENCLOSURE | 96W | UNIVERSAL 120-277 VAC | HI-LUM DIMMABLE 0.1% | IP20/NOM CERTIFIED | UL CLASS 2 | 10.5" x 5.5" x 2" ¹ |

¹ Dimensions include enclosure with mounting bracket.

* Constant voltage drivers 50/60HZ, voltage regulated with short circuit protection. Operating temperature -40 C- 80° C

* Installation of power supply must be compliant to Class 2 installation standards. Refer to NEC and local building code requirements.

* Consult factory for additional driver options (ie: DMX, DALI, wattage, size, shape, Lutron, ELDO, or others).

MAXIMUM INTERCONNECTED TAPE LENGTH PER DRIVER

| Fixture Wattage | Driver Wattage | | | | | | | | |
|-----------------|----------------|------|------|------|----------|----------|------|----------|--|
| | 40W | 60W | 96W | 90W | 2X90W | 3X90W | 100W | 2X100 | |
| 2.8W/ft | 11FT | 17FT | 27FT | 25FT | (2) 25FT | (3) 25FT | 28FT | (2) 28FT | |
| 4.2W/ft | 7FT | 11FT | 18FT | 17FT | (2) 17FT | (3) 17FT | 19FT | (2) 19FT | |



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DURAFLEX ARCH

SIDE Flex IP65 OUTDOOR

Photometry

| DURAFLEX ARCH SIDE FLEX | | | | | POLAR GRAPH |
|-------------------------|-----------|-----------|-----------|-----------|-------------|
| Fixture Power | 2.8W | 2.8W | 2.8W | 2.8W | |
| Fixture Output | 76Lm | 81Lm | 81Lm | 84Lm | |
| Kelvin Temp | 2700K | 3000K | 3500K | 4000K | |
| IMax | 340cd/klm | 340cd/klm | 340cd/klm | 340cd/klm | |
| Efficacy | 27 Lm/W | 29 Lm/W | 29 Lm/W | 30 Lm/W | |

| DURAFLEX ARCH SIDE FLEX | | | | | POLAR GRAPH |
|-------------------------|-----------|-----------|-----------|-----------|-------------|
| Fixture Power | 4.2W | 4.2W | 4.2W | 4.2W | |
| Fixture Output | 107Lm | 113Lm | 113Lm | 107Lm | |
| Kelvin Temp | 2700K | 3000K | 3500K | 4000K | |
| IMax | 340cd/klm | 340cd/klm | 340cd/klm | 340cd/klm | |
| Efficacy | 25 Lm/W | 27 Lm/W | 27 Lm/W | 25 Lm/W | |