

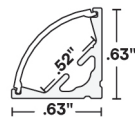


# New Diode Chart All Rows

## 24VDC Linear Fixtures - Corner & Surface



Declare.



- Corner and surface mount linear fixture with rounded lens
- Choose from diffused, polar, frosted, or clear lens options for varying diode visibility and beam angles
- Mounting options include stainless steel or plastic clip
- Features painted end caps to match extrusion finish
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot per NEC regulations
- Can be suitable for exterior use when specified as wet, contact factory for more information

### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

| 1       | 2         | 3   | 4     | 5          | 6    |
|---------|-----------|-----|-------|------------|------|
| PRODUCT | WATTS/ FT | CCT | RATED | EFFICIENCY | LENS |
| AK1SW   |           |     |       |            |      |

### ADDITIONAL INFORMATION REQUIRED TO ORDER

| 7                  | 8                  | 9                   | 10         | 11        | 12       | 13     | 14          | 15             |
|--------------------|--------------------|---------------------|------------|-----------|----------|--------|-------------|----------------|
| WIRE INPUT/ OUTPUT | CONNECTOR/ WIRE IN | CONNECTOR/ WIRE OUT | WIRE COLOR | WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/ OPTIMAL |
|                    |                    |                     |            |           |          |        |             |                |

Sample Part Number: **AK1SW-5.0-30-DRY-STD-DF-P1-BW-BK-CL2-SST-BK-48"-E**

|                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>1</div> <div>PRODUCT</div> <div>AK1SW</div> <div>See following pages for compatible power supplies.</div>                                                                            | <div>2</div> <div>WATTS/FT</div> <div><div><div>1.51.5W/ft</div><div>3.03.0W/ft</div><div>4.04.0W/ft</div><div>5.05.0W/ft</div></div><div><div>1.51.5W/ft</div><div>3.03.0W/ft</div><div>4.04.0W/ft</div><div>5.05.0W/ft</div></div></div>                                                                                                                                                                                                                                                                                                                                              | <div>3</div> <div>CCT</div> <div><div><div>202000K</div><div>222200K</div><div>242400K</div><div>272700K</div><div>303000K</div><div>353500K</div><div>404000K</div></div><div><div>242400K</div><div>272700K</div><div>303000K</div><div>353500K</div><div>404000K</div></div></div>                                                                                                      | <div>4</div> <div>RATED</div> <div><div>DRYIP20</div><div>WETIP67</div><div>Can be suitable for exterior use, contact factory for more information</div></div> <div><div>DMPIP54</div></div> | <div>5</div> <div>EFFICIENCY</div> <div><div>STDStandard</div><div>WOWhite Optics</div><div>WhiteOptics - Internal coating, greater lumen output</div></div>                                                                                                                                                                                                                                                         | <div>6</div> <div>LENS</div> <div><div>DFDiffused</div><div>PRPolar</div><div>FRFrosted</div><div>CLClear</div><div>For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages</div></div> |
| <div>7</div> <div>WIRE INPUT/OUTPUT</div> <div><div><div>SINGLE (Input only)</div><div>S1End Feed</div></div><div><div>PASS THROUGH (Input/output)</div><div>P1End Feed</div></div></div> | <div>8</div> <div>CONNECTOR/WIRE IN</div> <div><div><div>BWBare Wire (Standard 24")</div><div>BRLBarrel</div><div>CON6Connector 6"</div><div>CON24Connector 24"</div><div>BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div><div><div>BWBare Wire (Standard 24")</div><div>BRLBarrel</div><div>CON6Connector 6"</div><div>CON24Connector 24"</div><div>BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div></div> | <div>9</div> <div>CONNECTOR/WIRE OUT</div> <div><div><div>CLS</div><div>Closed End (No feed)</div></div><div><div><div>BWBare Wire (Standard 24")</div><div>BRLBarrel</div><div>CON6Connector 6"</div><div>CON24Connector 24"</div><div>BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div></div></div> | <div>10</div> <div>WIRE COLOR</div> <div><div><div>WHWhite</div><div>BKBlack</div><div>N/AFor Barrel</div><div>wet barrel only available in black</div></div></div>                          |                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                |
| <div>11</div> <div>WIRE TYPE</div> <div><div><div>CL2Class 2</div><div>CL2PPlenum Rated</div><div>N/AFor Barrel</div><div>CL2P only available with bare wire leads (BW)</div></div></div> | <div>12</div> <div>MOUNTING</div> <div><div><div>SSTStainless Steel</div><div>PLPlastic Clip</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <div>13</div> <div>FINISH</div> <div><div><div>STSatin</div><div>BKBlack</div><div>BZBronze</div><div>CUCustom</div></div></div>                                                                                                                                                                                                                                                           | <div>14</div> <div>LENGTH (IN)</div> <div><div>Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".</div></div>                            | <div>15</div> <div>EXACT/OPTIMAL</div> <div><div><div>O</div><div>E</div><div>Optimal Illumination</div><div>Exact Specified Length</div><div>Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts.</div></div></div> |                                                                                                                                                                                                                                                                                                |

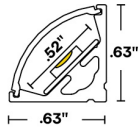
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



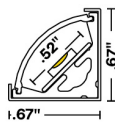
# New Diode Chart All Rows

## 24VDC Linear Fixtures - Corner & Surface

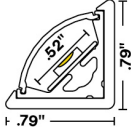
### 1 PRODUCT - DIMENSIONS



Profile



Profile with stainless steel mounting clip



Profile with plastic mounting clip

### 2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]  
Tested with AKISW-\*\*-30-DRY-STD

|    | 1.5 W/FT |     | 3.0 W/FT |     | 4.0 W/FT |     | 5.0 W/FT |     |
|----|----------|-----|----------|-----|----------|-----|----------|-----|
|    | LM/FT    | CRI | LM/FT    | CRI | LM/FT    | CRI | LM/FT    | CRI |
| CL | 163      | 98  | 284      | 98  | 353      | 98  | 431      | 98  |
| FR | 161      | 98  | 280      | 98  | 348      | 98  | 426      | 98  |
| PR | 147      | 98  | 257      | 98  | 320      | 98  | 391      | 98  |
| DF | 136      | 98  | 238      | 98  | 295      | 98  | 361      | 98  |

[Calculated L70 = 70000 hrs]  
Tested with AKISW-\*\*-30-DRY-WO

|    | 1.5 W/FT |     | 3.0 W/FT |     | 4.0 W/FT |     | 5.0 W/FT |     |
|----|----------|-----|----------|-----|----------|-----|----------|-----|
|    | LM/FT    | CRI | LM/FT    | CRI | LM/FT    | CRI | LM/FT    | CRI |
| CL | 166      | 98  | 289      | 98  | 359      | 98  | 437      | 98  |
| FR | 163      | 98  | 284      | 98  | 353      | 98  | 429      | 98  |
| PR | 156      | 98  | 272      | 98  | 338      | 98  | 411      | 98  |
| DF | 147      | 98  | 257      | 98  | 319      | 98  | 388      | 98  |



# New Diode Chart All Rows

24VDC Linear Fixtures - Corner & Surface

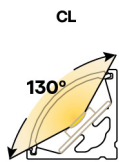
## 6 DIODE VISIBILITY

Test Note Here

|        | Column 1 | Column 2 | Column 3 | Column 4 | Column 5 | Column 6 |
|--------|----------|----------|----------|----------|----------|----------|
| Row 1  |          |          |          |          |          |          |
| Row 2  |          |          |          |          |          |          |
| Row 3  |          |          |          |          |          |          |
| Row 4  |          |          |          |          |          |          |
| Row 5  |          |          |          |          |          |          |
| Row 6  |          |          |          |          |          |          |
| Row 7  |          |          |          |          |          |          |
| Row 8  |          |          |          |          |          |          |
| Row 9  |          |          |          |          |          |          |
| Row 10 |          |          |          |          |          |          |
| Row 11 |          |          |          |          |          |          |
| Row 12 |          |          |          |          |          |          |

## PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.



Clear 130°



# New Diode Chart All Rows

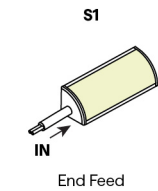
## 24VDC Linear Fixtures - Corner & Surface

### TEMPERATURE RATINGS

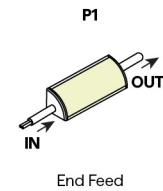
|     |                                  | 1.5 W/FT |       | 3.0 W/FT |       | 4.0 W/FT |       | 5.0 W/FT |       |
|-----|----------------------------------|----------|-------|----------|-------|----------|-------|----------|-------|
|     |                                  | Min      | Max   | Min      | Max   | Min      | Max   | Min      | Max   |
| DRY | Ambient Operating Temp - Surface | -4°F     | 140°F | -4°F     | 135°F | -4°F     | 130°F | -4°F     | 125°F |
| DMP | Ambient Operating Temp - Surface | -4°F     | 135°F | -4°F     | 130°F | -4°F     | 125°F | -4°F     | 120°F |
| WET | Ambient Operating Temp - Surface | -4°F     | 135°F | -4°F     | 130°F | -4°F     | 125°F | -4°F     | 120°F |

### 7 WIRE INPUT/OUTPUT

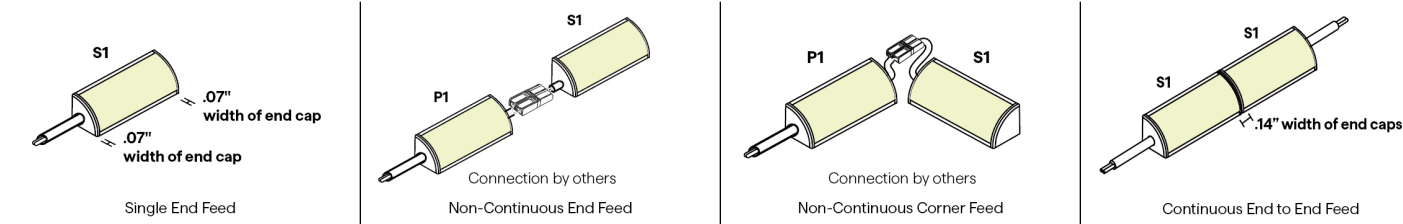
SINGLE (Input only)



PASS THROUGH (Input/Output)

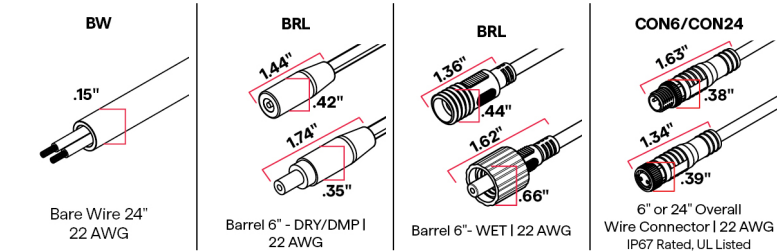


### CONFIGURATION OPTIONS



### 8 / 9 CONNECTOR/WIRE – IN/OUT

Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



### 10 WIRE COLOR



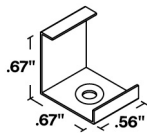


# New Diode Chart All Rows

## 24VDC Linear Fixtures - Corner & Surface

### 12 MOUNTING

SST



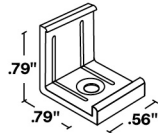
Stainless Steel Clip

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use SST-03

Each clip comes with a #4 x 5/8" Flat Head SS

PL



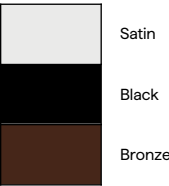
Plastic Clip

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use PLC-02

Each clip comes with a #4 x 5/8" Flat Head SS

### 13 FINISH



Custom finishes require a longer lead time, consult factory

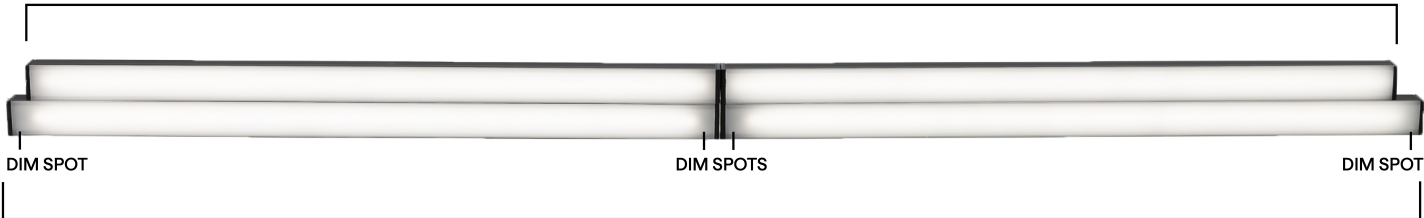
### 15 EXACT/OPTIMAL FIXTURE LENGTH

[E/O Length Calculator →](#)

[E/O Explained →](#)

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.

#### Optimal Fixtures



#### Exact Fixtures



# New Diode Chart All Rows

## 24VDC Linear Fixtures - Corner & Surface

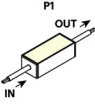
### SW DRY, DMP LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

#### EXACT LENGTH

| Requested Length | Potential dim spot on either end of fixture |
|------------------|---------------------------------------------|
| 12"              | .5"                                         |
| 13"              | .5"                                         |
| 14"              | .5"                                         |
| 15"              | .5"                                         |
| 16"              | .5"                                         |
| 17"              | .5"                                         |
| 18"              | .5"                                         |
| 19"              | .5"                                         |
| 20"              | .5"                                         |
| 21"              | .5"                                         |
| 22"              | .5"                                         |
| 23"              | .5"                                         |
| 24"              | .5"                                         |
| 36"              | .5"                                         |
| 48"              | .5"                                         |
| 60"              | .5"                                         |
| 72"              | .5"                                         |
| 84"              | .5"                                         |
| 96"              | .5"                                         |

#### OPTIMAL LENGTH

| Requested Nominal Length | S1                                                                                | P1                                                                                |
|--------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                          |  |  |
| 12"                      | 11.41"                                                                            | 11.66"                                                                            |
| 13"                      | 12.41"                                                                            | 12.66"                                                                            |
| 14"                      | 13.41"                                                                            | 13.66"                                                                            |
| 15"                      | 14.41"                                                                            | 14.66"                                                                            |
| 16"                      | 15.41"                                                                            | 15.66"                                                                            |
| 17"                      | 16.41"                                                                            | 16.66"                                                                            |
| 18"                      | 17.41"                                                                            | 17.66"                                                                            |
| 19"                      | 18.41"                                                                            | 18.66"                                                                            |
| 20"                      | 19.41"                                                                            | 19.66"                                                                            |
| 21"                      | 20.41"                                                                            | 20.66"                                                                            |
| 22"                      | 21.41"                                                                            | 21.66"                                                                            |
| 23"                      | 22.41"                                                                            | 22.66"                                                                            |
| 24"                      | 23.41"                                                                            | 23.66"                                                                            |
| 36"                      | 35.41"                                                                            | 35.66"                                                                            |
| 48"                      | 47.41"                                                                            | 47.66"                                                                            |
| 60"                      | 59.41"                                                                            | 59.66"                                                                            |
| 72"                      | 71.41"                                                                            | 71.66"                                                                            |
| 84"                      | 83.41"                                                                            | 83.66"                                                                            |
| 96"                      | 95.41"                                                                            | 95.66"                                                                            |

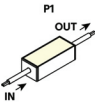
### SW WET LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

#### EXACT LENGTH

| Requested Length | Potential dim spot on either end of fixture |
|------------------|---------------------------------------------|
| 12"              | .5"                                         |
| 13"              | .5"                                         |
| 14"              | .5"                                         |
| 15"              | .5"                                         |
| 16"              | .5"                                         |
| 17"              | .5"                                         |
| 18"              | .5"                                         |
| 19"              | .5"                                         |
| 20"              | .5"                                         |
| 21"              | .5"                                         |
| 22"              | .5"                                         |
| 23"              | .5"                                         |
| 24"              | .5"                                         |
| 36"              | .5"                                         |
| 48"              | .5"                                         |
| 60"              | .5"                                         |
| 72"              | .5"                                         |
| 84"              | .5"                                         |
| 96"              | .5"                                         |

#### OPTIMAL LENGTH

| Requested Nominal Length | S1                                                                                  | P1                                                                                  |
|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                          |  |  |
| 12"                      | 11.56"                                                                              | 11.71"                                                                              |
| 13"                      | 12.56"                                                                              | 12.71"                                                                              |
| 14"                      | 13.56"                                                                              | 13.71"                                                                              |
| 15"                      | 14.56"                                                                              | 14.71"                                                                              |
| 16"                      | 15.56"                                                                              | 15.71"                                                                              |
| 17"                      | 16.56"                                                                              | 16.71"                                                                              |
| 18"                      | 17.56"                                                                              | 17.71"                                                                              |
| 19"                      | 18.56"                                                                              | 18.71"                                                                              |
| 20"                      | 19.56"                                                                              | 19.71"                                                                              |
| 21"                      | 20.56"                                                                              | 20.71"                                                                              |
| 22"                      | 21.56"                                                                              | 21.71"                                                                              |
| 23"                      | 22.56"                                                                              | 22.71"                                                                              |
| 24"                      | 23.56"                                                                              | 23.71"                                                                              |
| 36"                      | 35.56"                                                                              | 35.71"                                                                              |
| 48"                      | 47.56"                                                                              | 47.71"                                                                              |
| 60"                      | 59.56"                                                                              | 59.71"                                                                              |
| 72"                      | 71.56"                                                                              | 71.71"                                                                              |
| 84"                      | 83.56"                                                                              | 83.71"                                                                              |
| 96"                      | 95.56"                                                                              | 95.71"                                                                              |



# New Diode Chart All Rows

## 24VDC Linear Fixtures - Corner & Surface

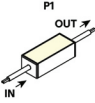
### SW-HE, SW-HE+ DRY, DMP LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

#### EXACT LENGTH

| Requested Length | Potential dim spot on either end of fixture |
|------------------|---------------------------------------------|
| 12"              | 1"                                          |
| 13"              | 0.5"                                        |
| 14"              | 1"                                          |
| 15"              | 0.5"                                        |
| 16"              | 1"                                          |
| 17"              | 0.5"                                        |
| 18"              | 1"                                          |
| 19"              | 0.5"                                        |
| 20"              | 1"                                          |
| 21"              | 0.5"                                        |
| 22"              | 1"                                          |
| 23"              | 0.5"                                        |
| 24"              | 1"                                          |
| 36"              | 1"                                          |
| 48"              | 1"                                          |
| 60"              | 1"                                          |
| 72"              | 1"                                          |
| 84"              | 1"                                          |
| 96"              | 1"                                          |

#### OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

| Requested Nominal Length | S1                                                                                | P1                                                                                |
|--------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                          |  |  |
| 12"                      | 10.41"                                                                            | 10.66"                                                                            |
| 13"                      | 12.41"                                                                            | 12.66"                                                                            |
| 14"                      | 12.41"                                                                            | 12.66"                                                                            |
| 15"                      | 14.41"                                                                            | 14.66"                                                                            |
| 16"                      | 14.41"                                                                            | 14.66"                                                                            |
| 17"                      | 16.41"                                                                            | 16.66"                                                                            |
| 18"                      | 16.41"                                                                            | 16.66"                                                                            |
| 19"                      | 18.41"                                                                            | 18.66"                                                                            |
| 20"                      | 18.41"                                                                            | 18.66"                                                                            |
| 21"                      | 20.41"                                                                            | 20.66"                                                                            |
| 22"                      | 20.41"                                                                            | 20.66"                                                                            |
| 23"                      | 22.41"                                                                            | 22.66"                                                                            |
| 24"                      | 22.41"                                                                            | 22.66"                                                                            |
| 36"                      | 34.41"                                                                            | 34.66"                                                                            |
| 48"                      | 46.41"                                                                            | 46.66"                                                                            |
| 60"                      | 58.41"                                                                            | 58.66"                                                                            |
| 72"                      | 70.41"                                                                            | 70.66"                                                                            |
| 84"                      | 82.41"                                                                            | 82.66"                                                                            |
| 96"                      | 94.41"                                                                            | 94.66"                                                                            |

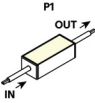
### SW-HE+ WET LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

#### EXACT LENGTH

| Requested Length | Potential dim spot on either end of fixture |
|------------------|---------------------------------------------|
| 12"              | 1"                                          |
| 13"              | 0.5"                                        |
| 14"              | 1"                                          |
| 15"              | 0.5"                                        |
| 16"              | 1"                                          |
| 17"              | 0.5"                                        |
| 18"              | 1"                                          |
| 19"              | 0.5"                                        |
| 20"              | 1"                                          |
| 21"              | 0.5"                                        |
| 22"              | 1"                                          |
| 23"              | 0.5"                                        |
| 24"              | 1"                                          |
| 36"              | 1"                                          |
| 48"              | 1"                                          |
| 60"              | 1"                                          |
| 72"              | 1"                                          |
| 84"              | 1"                                          |
| 96"              | 1"                                          |

#### OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

| Requested Nominal Length | S1                                                                                  | P1                                                                                  |
|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                          |  |  |
| 12"                      | 10.61"                                                                              | 10.76"                                                                              |
| 13"                      | 12.61"                                                                              | 12.76"                                                                              |
| 14"                      | 12.61"                                                                              | 12.76"                                                                              |
| 15"                      | 14.61"                                                                              | 14.76"                                                                              |
| 16"                      | 14.61"                                                                              | 14.76"                                                                              |
| 17"                      | 16.61"                                                                              | 16.76"                                                                              |
| 18"                      | 16.61"                                                                              | 16.76"                                                                              |
| 19"                      | 18.61"                                                                              | 18.76"                                                                              |
| 20"                      | 18.61"                                                                              | 18.76"                                                                              |
| 21"                      | 20.61"                                                                              | 20.76"                                                                              |
| 22"                      | 20.61"                                                                              | 20.76"                                                                              |
| 23"                      | 22.61"                                                                              | 22.76"                                                                              |
| 24"                      | 22.61"                                                                              | 22.76"                                                                              |
| 36"                      | 34.61"                                                                              | 34.76"                                                                              |
| 48"                      | 46.61"                                                                              | 46.76"                                                                              |
| 60"                      | 58.61"                                                                              | 58.76"                                                                              |
| 72"                      | 70.61"                                                                              | 70.76"                                                                              |
| 84"                      | 82.61"                                                                              | 82.76"                                                                              |
| 96"                      | 94.61"                                                                              | 94.76"                                                                              |



New Diode Chart All Rows

24VDC Linear Fixtures - Corner & Surface

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

| DIM TO LEVEL | INDOOR                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                      | OUTDOOR                                                                                                                                       |                                                                                                                                               |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|              | SW24/1.5-4.0                                                                                                                                                                                                                                                                         | SW24/5.0, SW-HE, SW-HE+                                                                                                                                                                                                                                                              | SW24/1.5-4.0                                                                                                                                  | SW24/5.0, SW-HE, SW-HE+                                                                                                                       |
| Dim to Black | Q6M-DC+CAP<br>QTM-DC+CAP<br>iQ-PH<br>iQ-PH+QD1                                                                                                                                                                                                                                       | Q6M-DC+CAP<br>QTM-DC+CAP<br>iQ-PH<br>iQ-PH+QD1                                                                                                                                                                                                                                       | QOM-DC+CAP<br>QOM-PH                                                                                                                          | QOM-DC+CAP<br>QOM-PH                                                                                                                          |
| 0.1%         | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-BOWTIE+DIMMER<br>QZ-DMX<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-BOWTIE+DIMMER<br>QZ-DMX<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | Q-SET-QZ-DMX<br>Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QOM-eLED+DALI-DT6<br>QOM-eLED+PS-DALI-DT6<br>QZ-DMX<br>QZ-PH/0-10V | Q-SET-QZ-DMX<br>Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QOM-eLED+DALI-DT6<br>QOM-eLED+PS-DALI-DT6<br>QZ-DMX<br>QZ-PH/0-10V |
| 1%           | QTM-eLED(E)<br>QZ-DALI-DT6                                                                                                                                                                                                                                                           | QTM-eLED(E)<br>QZ-DALI-DT6                                                                                                                                                                                                                                                           | Q-SET+QZ-DALI-DT6                                                                                                                             | Q-SET+QZ-DALI-DT6                                                                                                                             |
| 10%          | Non-Dim Power Supply with SW App Dongle                                                                                                                                                                                                                                              | Non-Dim Power Supply with SW App Dongle                                                                                                                                                                                                                                              | Q-HEX-mini-DC<br>Q-SET-mLED                                                                                                                   |                                                                                                                                               |

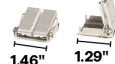
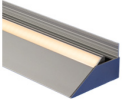
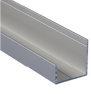
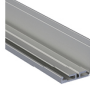
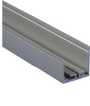
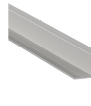


# New Diode Chart All Rows

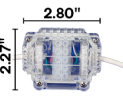
## 24VDC Linear Fixtures - Corner & Surface

| DIMMING PROTOCOL | INDOOR                                                                                                                                               |                                                                                                                                                      | OUTDOOR                                                                                 |                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------|
|                  | SW24/1.5-4.0                                                                                                                                         | SW24/5.0, SW-HE, SW-HE+                                                                                                                              | SW24/1.5-4.0                                                                            | SW24/5.0, SW-HE, SW-HE+                                                |
| Non-Dim          | QT-CAB-eLED-ND<br>QTM-eLED-ND<br>QZ-ND                                                                                                               | QT-CAB-eLED-ND<br>QTM-eLED-ND<br>QZ-ND                                                                                                               | Q-SET-QZ-ND<br>Q-SET-eLED-ND<br>QOM-eLED-ND<br>QZ-ND<br>iQ-ND-50-65                     | Q-SET-QZ-ND<br>Q-SET-eLED-ND<br>QOM-eLED-ND<br>QZ-ND<br>iQ-ND-50-65    |
| Phase            | Q6M-DC+CAP<br>QT-CAB-QZ-PH/0-10V<br>QTM-DC+CAP<br>QTM-eLED(E)<br>QZ-BOWTIE+DIMMER<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP<br>iQ-PH<br>iQ-PH+QD1  | Q6M-DC+CAP<br>QT-CAB-QZ-PH/0-10V<br>QTM-DC+CAP<br>QTM-eLED(E)<br>QZ-BOWTIE+DIMMER<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP<br>iQ-PH<br>iQ-PH+QD1  | Q-HEX-mini-DC<br>Q-SET-QZ-PH/0-10V<br>Q-SET-mLED<br>QOM-DC+CAP<br>QOM-PH<br>QZ-PH/0-10V | Q-SET-QZ-PH/0-10V<br>QOM-DC+CAP<br>QOM-PH<br>QZ-PH/0-10V               |
| 0-10V            | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QZ-PH/0-10V                  | Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QZ-PH/0-10V |
| Lutron Athena    | QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6-AWN                                                     | QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6-AWN                                                     |                                                                                         |                                                                        |
| ECO System       | QTM-eLED(E)                                                                                                                                          | QTM-eLED(E)                                                                                                                                          |                                                                                         |                                                                        |
| DMX              | QZ-DMX                                                                                                                                               | QZ-DMX                                                                                                                                               | Q-SET-QZ-DMX<br>QZ-DMX                                                                  | Q-SET-QZ-DMX<br>QZ-DMX                                                 |
| DALI-2: DT6      | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-DALI-DT6                                        | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-DALI-DT6                                        | Q-SET+QZ-DALI-DT6<br>QOM-eLED+DALI-DT6                                                  | Q-SET+QZ-DALI-DT6<br>QOM-eLED+DALI-DT6                                 |
| SCENE App Dimmed | Non-Dim Power Supply with SW App Dongle                                                                                                              | Non-Dim Power Supply with SW App Dongle                                                                                                              |                                                                                         |                                                                        |

### COMPATIBLE MOUNTING ACCESSORIES

|                                                                                                                                                                   |                                                                                                                                                                   |                                                                                                                                                                  |                                                                                                                                                 |                                                                                                                                                       |                                                                                                                                  |                                                                                                                                 |                                                                                                                                |                                                                                                                                 |                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>HINGE - HMB-M</b><br><br>1.41" .71"<br>Adjustable mounting bracket - Medium | <b>HINGE - HMB-L</b><br><br>1.46" 1.29"<br>Adjustable mounting bracket - Large | <b>HINGE - HMB-XL</b><br><br>1.46" 4"<br>Adjustable mounting bracket - XLarge | <b>Q-PIVOT</b><br><br>.75" 1.03"<br>Small mounting accessory | <b>Q-ANGLE</b><br><br>2.23" 1.38"<br>Adjustable mounting accessory | <b>QUOVA-STANDARD</b><br><br>QUOVA Knife Edge | <b>SD-J-LARGE</b><br><br>J Mounting Bracket | <b>NL-LARGE</b><br><br>L Mounting Bracket | <b>NJ-MEDIUM</b><br><br>J Mounting Bracket | <b>SD-L-MEDIUM</b><br><br>L Mounting Bracket |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

### COMPATIBLE WIRING ACCESSORIES

|                                                                                                                                                                                            |                                                                                                                                                                                                |                                                                                                                                                |                                                                                                                                                                                      |                                                                                                                                                 |                                                                                                                                                                           |                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Q-mini-J</b><br><br>2" 1.25"<br>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | <b>Q-mini-J5</b><br><br>2.80" 2.27"<br>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | <b>BARREL-EXT</b><br><br>8ft barrel cable extender DRY ONLY | <b>BARREL FOUR-FER</b><br><br>Splits lead from one to four LED Barrel connector fixtures, DRY/DMP | <b>CON120-EXT</b><br><br>10ft Con cable extender DRY/DMP/WET | <b>CON FOUR-FER</b><br><br>Splits lead from one to four LED Con connectors DRY/DMP/WET | <b>CON M - BARREL F</b><br><br>Male con to barrel cable adaptor DRY/DMP |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|



## New Diode Chart All Rows

24VDC Linear Fixtures - Corner & Surface

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### COMPATIBLE CONTROL ACCESSORIES

#### SCENE APP DONGLE



Wi-Fi or Bluetooth  
Connectivity

### COMPATIBLE APPS

#### NFC APP



Read and write  
DMX addresses and  
adjust voltage