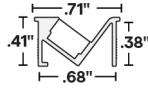
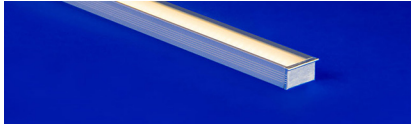




# MICRO 5 KICKER- ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed



- MICRO 5 Series linear LED fixture engineered for exceptional light quality and even distribution, seamlessly blending with millwork details
- Asymmetrical fixture with 110° focused beam 30° off-nadir
- Features high quality LED strips encapsulated in polyurethane in a rigid extrusion providing a robust fixture
- Encapsulation available in translucent
- Suitable for indoor and outdoor locations
- Ideal for recessed installations that call for low-profile light in small areas
- Used in applications to provide warmer CCTs as the light is dimmed
- When using DALI and DMX power supplies, LED wattage must be doubled

| 1       | 2        | 3   | 4     | 5    | 6                     | 7                     | 8                      | 9          | 10        | 11       | 12     | 13          | 14                |
|---------|----------|-----|-------|------|-----------------------|-----------------------|------------------------|------------|-----------|----------|--------|-------------|-------------------|
| PRODUCT | WATTS/FT | CCT | RATED | LENS | WIRE INPUT/<br>OUTPUT | CONNECTOR/<br>WIRE IN | CONNECTOR/<br>WIRE OUT | WIRE COLOR | WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/<br>OPTIMAL |
|         | 2.0      |     | ENC   | TL   |                       |                       |                        |            |           | 832      |        |             |                   |

Sample Part Number: **KCKR-03-DW-2.0-24/30-ENC-TL-S1A-BW-CLS-WH-CL2-832-ST-48"-E**

|   |   |  |  |   |  |
|---|---|--|--|---|--|
| <div><div>1</div><div>PRODUCT</div><div>KCKR-03-DW<br/>KCKR-03-DW-USA</div><div>Select USA option for BAA and BABA projects.</div><div>LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies.</div></div>  | <div><div>2</div><div>WATTS/FT</div><div>2.02.0W/ft</div></div>   | <div><div>3</div><div>CCT</div><div>24/302400K/3000K<br/>27/402700K/4000K</div></div>  | <div><div>4</div><div>RATED</div><div>ENCIP67</div></div>  | <div><div>5</div><div>LENS</div><div>TLTranslucent</div><div>For representation of LED visibility, see Diode Visibility section on following pages.<br/>For beam angles, see Photometric Performance section on following pages</div></div> |  |
| <div><div>6</div><div>WIRE INPUT/OUTPUT</div><div>S1ASingle 1 (Input only) - End Feed<br/>S1BSingle 1 (Input only) - End Feed<br/>S2ASingle 2 (Input only) - Bottom Feed<br/>S2BSingle 2 (Input only) - Bottom Feed</div><div>For continuous mounting, consider bottom feed.</div><div>P1APass Through 1 (Input/output) - End Feed<br/>P1BPass Through 1 (Input/output) - End Feed<br/>P2APass Through 2 (Input/output) - Bottom Feed<br/>P2BPass Through 2 (Input/output) - Bottom Feed</div><div>For continuous mounting, consider bottom feed.</div></div> | <div><div>7</div><div>CONNECTOR/WIRE IN</div><div>BWBare Wire (Standard 24")<br/>CON6Connector 6"<br/>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>BWBare Wire (Standard 24")<br/>CON6Connector 6"<br/>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>8</div><div>CONNECTOR/WIRE OUT</div><div>CLSClosed End (No feed)</div><div>BWBare Wire (Standard 24")<br/>CON6Connector 6"<br/>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>WIRE COLOR</div><div>WHWhite<br/>BKBlack</div></div>  | <div><div>10</div><div>WIRE TYPE</div><div>CL2Class 2<br/>CL2PPlenum Rated</div><div>CL2P only available with bare wire leads (BW)</div></div>  | <div><div>11</div><div>MOUNTING</div><div>832832 Silicone</div></div>  | <div><div>12</div><div>FINISH</div><div>STSatin<br/>BKBlack<br/>CUCustom</div><div>Custom finishes require a longer lead time, consult factory</div></div> | <div><div>13</div><div>LENGTH (IN)</div><div>Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".</div></div>  | <div><div>14</div><div>EXACT/OPTIMAL</div><div>EExact specified length<br/>OOptimal illumination</div></div> |

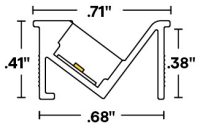
5 year warranty | Warranty only valid with Q-Tran power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



# MICRO 5 KICKER-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

## 1 PRODUCT - DIMENSIONS



Profile

## 2 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]  
Tested with KCKR-03-DW-2.0-\*\*-ENC

|    | 2400K |     | 2700K |     | 3000K |     | 4000K |     |
|----|-------|-----|-------|-----|-------|-----|-------|-----|
|    | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI |
| TL | 100   | 93  | 96    | 96  | 99    | 96  | 113   | 98  |

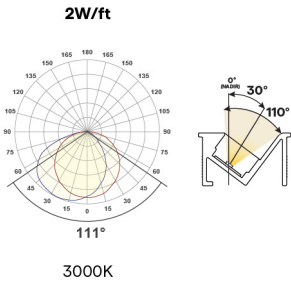
## 5 DIODE VISIBILITY



ENC/TL - Translucent encapsulation

## PHOTOMETRIC PERFORMANCE

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



## TEMPERATURE RATINGS

|                                   | DW 2.0 W/FT                           |       | DW 4.0 W/FT                        |       |
|-----------------------------------|---------------------------------------|-------|------------------------------------|-------|
|                                   | QTL power supply other than DALI, DMX |       | DALI, DMX, or non-QTL power supply |       |
|                                   | Min                                   | Max   | Min                                | Max   |
| Ambient Operating Temp - Recessed | -4°F                                  | 120°F | -4°F                               | 100°F |

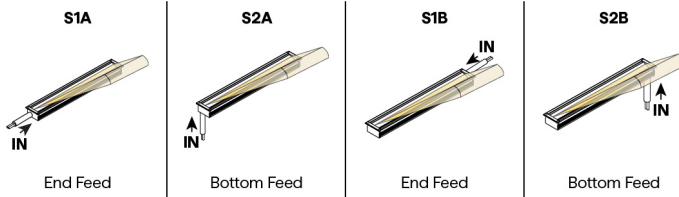


# MICRO 5 KICKER-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

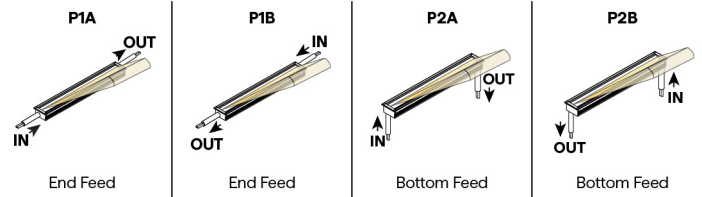
24VDC Linear Fixtures - Recessed

## 6 WIRE INPUT/OUTPUT

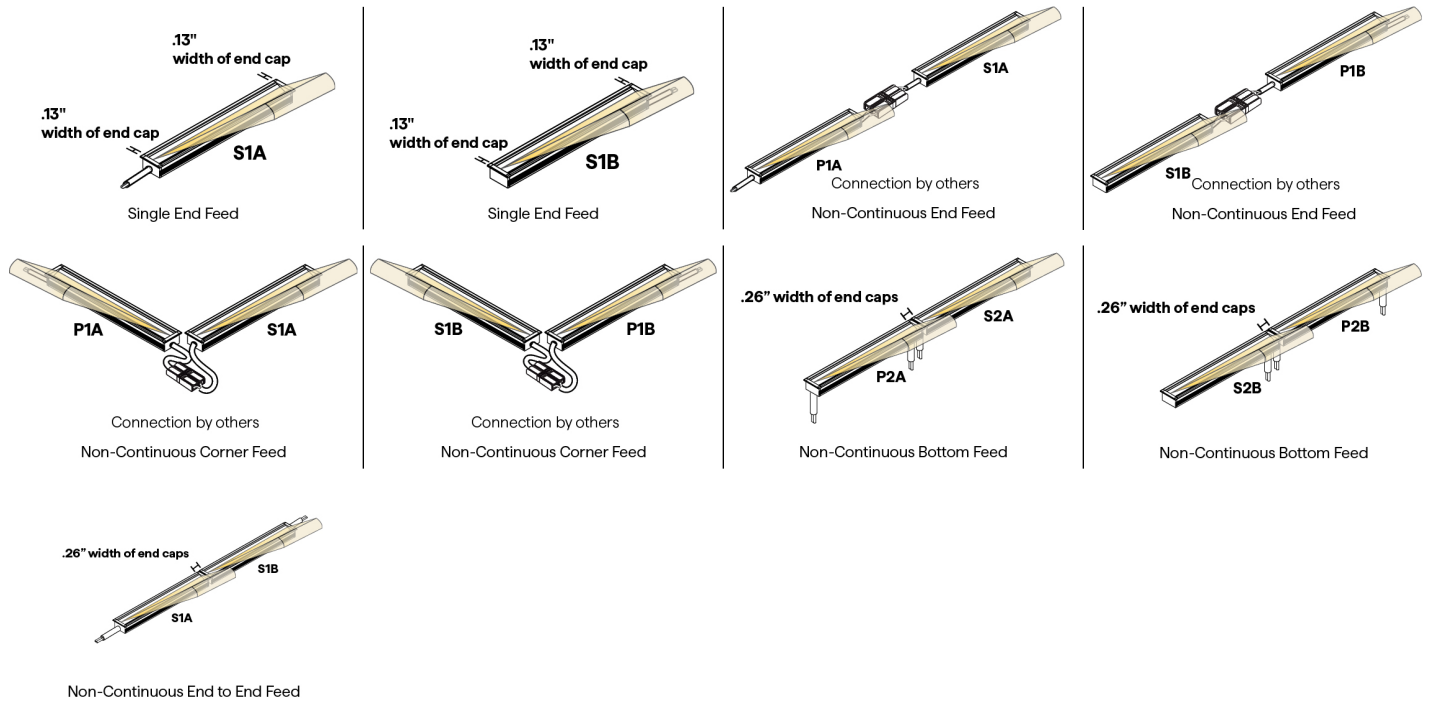
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)

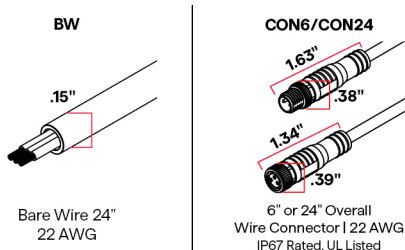


## CONFIGURATION OPTIONS



## 7 / 8 CONNECTOR/WIRE - IN/OUT

Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out



## 9 WIRE COLOR





# MICRO 5 KICKER-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

## 11 MOUNTING

832



832 Silicone

Sold separately

## 12 FINISH



Satin

Black

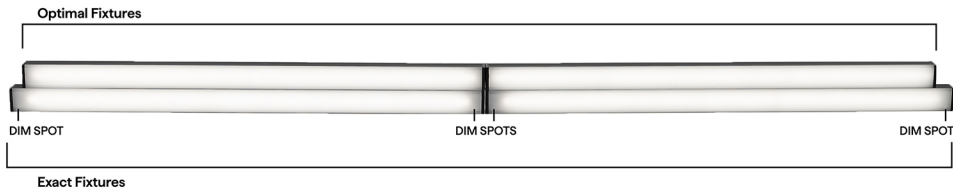
Custom finishes require a longer lead time, consult factory

## 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.





# MICRO 5 KICKER-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

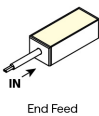
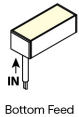
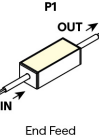
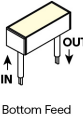
24VDC Linear Fixtures - Recessed

## DW ENC LENGTHS BY INCH

### EXACT LENGTH

| Requested Length | Potential dim spot on either end of a S1 fixture                                  |
|------------------|---|
|                  | S1  |
|                  |  |
| 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

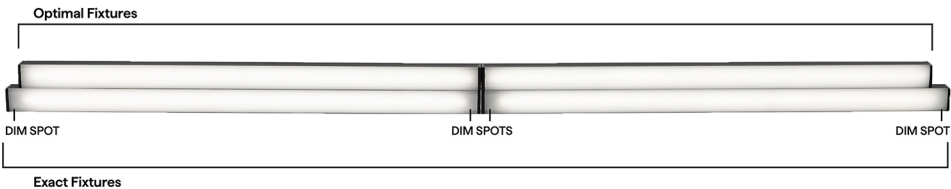
| Requested Nominal Length | S1A/B & S2A/B   |   | P1A/B & P2A/B   |  |
|--------------------------|---|---|---|--|
|                          | S1  | S2  | P1  | P2   |
|                          |  |  |  |  |
| 12"                      |   | 10.50"  |   | 10.75"   |
| 13"                      |   | 12.50"  |   | 12.75"   |
| 14"                      |   | 12.50"  |   | 12.75"   |
| 15"                      |   | 14.50"  |   | 14.75"   |
| 16"                      |   | 14.50"  |   | 14.75"   |
| 17"                      |   | 16.50"  |   | 16.75"   |
| 18"                      |   | 16.50"  |   | 16.75"   |
| 19"                      |   | 18.50"  |   | 18.75"   |
| 20"                      |   | 18.50"  |   | 18.75"   |
| 21"                      |   | 20.50"  |   | 20.75"   |
| 22"                      |   | 20.50"  |   | 20.75"   |
| 23"                      |   | 22.50"  |   | 22.75"   |
| 24"                      |   | 22.50"  |   | 22.75"   |
| 36"                      |   | 34.50"  |   | 34.75"   |
| 48"                      |   | 46.50"  |   | 46.75"   |
| 60"                      |   | 58.50"  |   | 58.75"   |
| 72"                      |   | 70.50"  |   | 70.75"   |
| 84"                      |   | 82.50"  |   | 82.75"   |
| 96"                      |   | 94.50"  |   | 94.75"   |

## 14 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.





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24VDC Linear Fixtures - Recessed

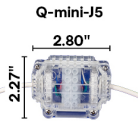
## COMPATIBLE POWER SUPPLIES

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

| DIM TO LEVEL | INDOOR   | OUTDOOR   |
|--------------|--|---|
|              | MICRO 5-DW Warm Dim Applications   | MICRO 5-DW Warm Dim Applications  |
| 0.1%         | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT8<br>QT-CAB-eLED+DALI-DT8-AWN<br>QT-CAB-eLED+WD<br>QT-CAB-eLED+WD-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8-AWN<br>QTM-eLED+WD<br>QTM-eLED+WD-AWN<br>QZ-DMX<br>QZ-DW | Q-SET-QZ-DW<br>QOM-eLED+DALI-DT6<br>QOM-eLED+DALI-DT8<br>QOM-eLED+PS-DALI-DT6<br>QOM-eLED+PS-DALI-DT8<br>QOM-eLED+WD<br>QZ-DMX<br>QZ-DW |
| 1%           | QZ-DALI-DT8  | Q-SET+QZ-DALI-DT8<br>QZ-DALI-DT8  |
| 10%          | Non-Dim Power Supply with WD App Dongle  |   |

| DIMMING PROTOCOL   | INDOOR  | OUTDOOR   |
|--|---|---|
|  | MICRO 5-DW Warm Dim Applications  | MICRO 5-DW Warm Dim Applications                      |
| Phase  | QZ-DW   | Q-SET-QZ-DW<br>QZ-DW                                  |
| 0-10V  | QT-CAB-eLED+WD<br>QT-CAB-eLED+WD-AWN<br>QTM-eLED+WD<br>QTM-eLED+WD-AWN<br>QZ-DW                               | Q-SET-QZ-DW<br>QOM-eLED+WD<br>QZ-DW                   |
| Lutron Athena  | QT-CAB-eLED+DALI-DT8-AWN<br>QT-CAB-eLED+WD-AWN<br>QTM-eLED+DALI-DT8-AWN<br>QTM-eLED+WD-AWN                    |   |
| DMX<br>LED wattage must be doubled for DW-HE products                        | QZ-DMX  | QZ-DMX  |
| DALI-2: DT6<br>LED wattage must be doubled for DW-HE products except for AWN | QT-CAB-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6   | QOM-eLED+DALI-DT6                                     |
| DALI-2: DT8<br>LED wattage must be doubled for DW-HE products except for AWN | QT-CAB-eLED+DALI-DT8<br>QT-CAB-eLED+DALI-DT8-AWN<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8-AWN<br>QZ-DALI-DT8 | Q-SET+QZ-DALI-DT8<br>QOM-eLED+DALI-DT8<br>QZ-DALI-DT8 |
| SCENE App Dimmed   | Non-Dim Power Supply with WD App Dongle   |   |

## COMPATIBLE WIRING ACCESSORIES



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)



# MICRO 5 KICKER-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

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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