MICRO 5 KICKER-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Recessed

.71"
.41"
.38"
.68"

- 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
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 2.0 watts or less per foot per NEC regulations

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

① PRODUCT	② WATTS/ FT	③ CCT	④ RATED	⑤ LENS
			ENC	TL

ADDITIONAL INFORMATION REQUIRED TO ORDER

⑥ WIRE INPUT/ OUTPUT	⑦ CONNECTOR/ WIRE IN	⑧ CONNECTOR/ WIRE OUT	⑨ WIRE COLOR	⑩ WIRE TYPE	⑪ MOUNTING	⑫ FINISH	⑬ LENGTH (IN)	⑭ EXACT/ OPTIMAL
					832			

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

① PRODUCT

KCKR-03-SW
KCKR-03-SW-USA

Select USA option for BAA and BABA projects.

See following pages for compatible power supplies.

② WATTS/FT

1.0	1.0W/ft
2.0	2.0W/ft
4.0	4.0W/ft

③ CCT

24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

④ RATED

| **ENC** | IP67 |

⑤ LENS

| **TL** | Translucent |

For representation of LED visibility, see Diode Visibility section on following pages.
For beam angles, see Photometric Performance section on following pages

⑥ WIRE INPUT/OUTPUT

SINGLE (Input only)
S1A	End Feed
S1B	End Feed
S2A	Bottom Feed
S2B	Bottom Feed

For continuous mounting, consider bottom feed.

PASS THROUGH (Input/output)
P1A	End Feed
P1B	End Feed
P2A	Bottom Feed
P2B	Bottom Feed

For continuous mounting, consider bottom feed.

⑦ CONNECTOR/WIRE IN

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

⑧ CONNECTOR/WIRE OUT

| **CLS** | Closed End (No feed) |

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

⑨ WIRE COLOR

WH	White
BK	Black
N/A	For Barrel

⑩ WIRE TYPE

CL2	Class 2
CL2P	Plenum Rated
N/A	For Barrel

CL2P only available with bare wire leads (BW)

⑪ MOUNTING

| **832** | 832 Silicone |

⑫ FINISH

ST	Satin
BK	Black
CU	Custom

Custom finishes require a longer lead time, consult factory

⑬ LENGTH (IN)

Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".

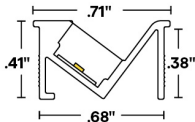### ⑭ EXACT/OPTIMAL

| **E** | Exact specified length |
| **O** | Optimal illumination |

1 PRODUCT - DIMENSIONS

.71"

.41" .38"

.68"

Profile

2 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]
Tested with KCKR-03-SW-**-30-ENC

	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
TL	39	97	76	97	155	96

5 DIODE VISIBILITY

SW

ENC/TL - Translucent Encapsulation
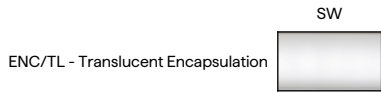
PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.
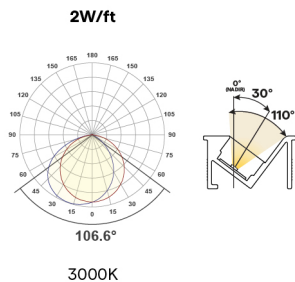
2W/ft

0°
(NADIR)
30°
110°

106.6°

3000K

TEMPERATURE RATINGS

	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Recessed	-4°F	125°F	-4°F	120°F	-4°F	100°F

6 WIRE INPUT/OUTPUT

ASYMMETRIC ONLY SINGLE (Input only)

ASYMMETRIC ONLY PASS THROUGH (Input/Output)

S1A
IN
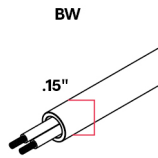End Feed

S2A
IN
Bottom Feed

S1B
IN
End Feed

S2B
IN
Bottom Feed

P1A
OUT
IN
End Feed

P1B
IN
OUT
End Feed

P2A
OUT
IN
Bottom Feed

P2B
IN
OUT
Bottom Feed

CONFIGURATION OPTIONS

.13" width of end cap
.13" width of end cap
S1A
Single End Feed

.13" width of end cap
.13" width of end cap
S1B
Single End Feed

S1A
P1A Connection by others
Non-Continuous End Feed

P1B
S1B Connection by others
Non-Continuous End Feed

P1A **S1A**
Connection by others
Non-Continuous Corner Feed

S1B **P1B**
Connection by others
Non-Continuous Corner Feed

.26" width of end caps
S2A
P2A
Non-Continuous Bottom Feed

.26" width of end caps
P2B
S2B
Non-Continuous Bottom Feed

.26" width of end caps
S1B
S1A
Non-Continuous End to End Feed
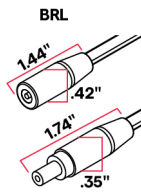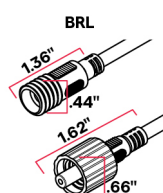
7 / 8 CONNECTOR/WIRE – IN/OUT

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
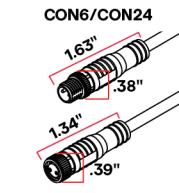
BW

.15"

Bare Wire 24"
22 AWG

BRL

1.44" .42"

1.74" .35"

Barrel 6" - DRY/DMP |
22 AWG

BRL

1.36" .44"

1.62" .66"

Barrel 6"- WET | 22 AWG

CON6/CON24

1.63" .38"

1.34" .39"

6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

9 WIRE COLOR

White

Black

11 MOUNTING

832

832
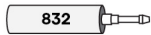
832 Silicone

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.

Optimal Fixtures
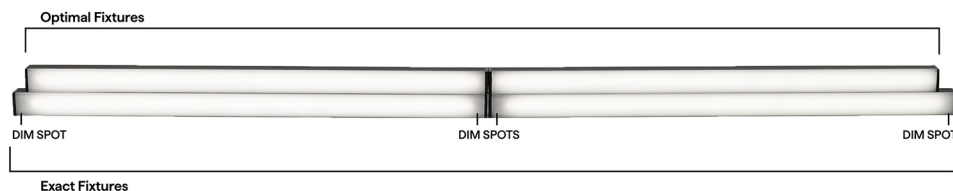
DIM SPOT   DIM SPOTS   DIM SPOT

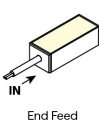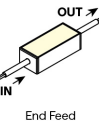Exact Fixtures

SW ENC LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture S1 IN End Feed
12"	0.5"
13"	0.5"
14"	0.5"
15"	0.5"
16"	0.5"
17"	0.5"
18"	0.5"
19"	0.5"
20"	0.5"
21"	0.5"
22"	0.5"
23"	0.5"
24"	0.5"
36"	0.5"
48"	0.5"
60"	0.5"
72"	0.5"
84"	0.5"
96"	0.5"

OPTIMAL LENGTH

Requested Nominal Length	S1A/B & S2A/B		P1A/B & P2A/B	
	S1 IN End Feed	S2 IN Bottom Feed	P1 OUT IN End Feed	P2 OUT IN Bottom Feed
12"	11.50"		11.75"	
13"	12.50"		12.75"	
14"	13.50"		13.75"	
15"	14.50"		14.75"	
16"	15.50"		15.75"	
17"	16.50"		16.75"	
18"	17.50"		17.75"	
19"	18.50"		18.75"	
20"	19.50"		19.75"	
21"	20.50"		20.75"	
22"	21.50"		21.75"	
23"	22.50"		22.75"	
24"	23.50"		23.75"	
36"	35.50"		35.75"	
48"	47.50"		47.75"	
60"	59.50"		59.75"	
72"	71.50"		71.75"	
84"	83.50"		83.75"	
96"	95.50"		95.75"	

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.

Optimal Fixtures

DIM SPOT   DIM SPOTS   DIM SPOT

Exact Fixtures
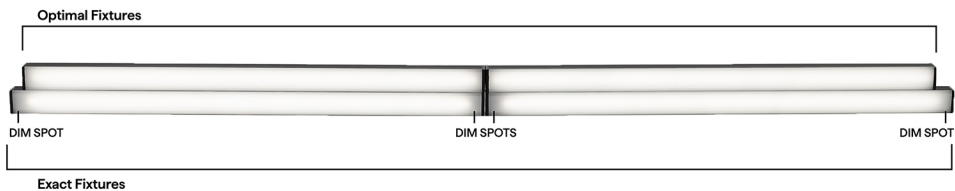
MICRO 5 KICKER-ENCAPSULATED (03) STATIC WHITE
24VDC Linear Fixtures - Recessed

COMPATIBLE POWER SUPPLIES

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

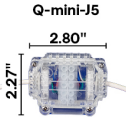| DIM TO LEVEL	INDOOR	OUTDOOR
	MICRO 5-SW	MICRO 5-SW
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V
1%	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	Q-HEX-mini-DC Q-SET-mLED

DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-SW	MICRO 5-SW
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED QOM-DC+CAP QOM-PH QZ-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN	
ECO System	QTM-eLED(E)	
DMX	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	

COMPATIBLE WIRING ACCESSORIES

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

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

1.36"
2.58"
Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write
DMX addresses and
adjust voltage