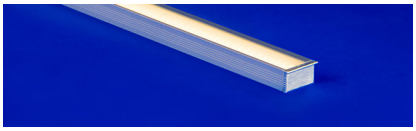
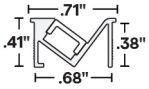
MICRO 5 KICKER-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Recessed

410.2 & 410.16 Closet Rated in 1.0-2.0W/ft





- 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
- Ideal for recessed installations that call for low-profile light in small areas
- Red, Green, and Blue LED allows for color changing applications
- 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
- Consult factory for field assembly options

1 PRODUCT	2 WATTS/FT	3 CCT	4 RATED	5 LENS	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
				DF						832			

Sample Part Number: **KCKR-01-SW-4.0-30-DRY-DF-S1A-BW-CLS-WH-CL2-832-ST-48"-E**

1 PRODUCT

KCKR-01-SW
KCKR-01-SW-USA

Select USA option for BAA and BABA projects. Only DRY ratings apply.

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

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

3 CCT

20 2000K
22 2200K
24 2400K
27 2700K
30 3000K
35 3500K
40 4000K

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

4 RATED

DRY IP20

DMP IP54

5 LENS

DF Diffused

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

S1A Single 1 (Input only) - End Feed
S1B Single 1 (Input only) - End Feed
S2A Single 2 (Input only) - Bottom Feed
S2B Single 2 (Input only) - Bottom Feed

For continuous mounting, consider bottom feed.

P1A Pass Through 1 (Input/output) - End Feed
P1B Pass Through 1 (Input/output) - End Feed
P2A Pass Through 2 (Input/output) - Bottom Feed
P2B Pass Through 2 (Input/output) - 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

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

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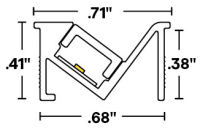
MICRO 5 KICKER-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Recessed

1 PRODUCT - DIMENSIONS



Profile with flat lens

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with KCKR-01-SW-**-30-DRY

	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
DF	62	97	123	98	252	98

5 DIODE VISIBILITY

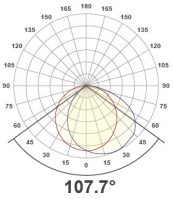
SW

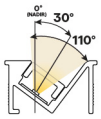
DF - Diffused lens

PHOTOMETRIC PERFORMANCE

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

4W/ft





DF lens at 3000K

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MICRO 5 KICKER-FLAT (01) STATIC WHITE

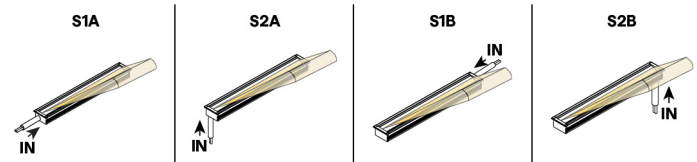
24VDC Linear Fixtures - Recessed

TEMPERATURE RATINGS

		1.0 W/FT		2.0 W/FT		4.0 W/FT	
		Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Recessed	-4°F	135°F	-4°F	130°F	-4°F	110°F
DMP	Ambient Operating Temp - Recessed	-4°F	130°F	-4°F	125°F	-4°F	105°F

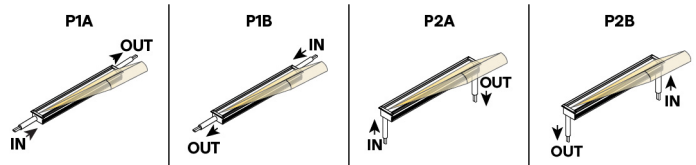
6 WIRE INPUT/OUTPUT

ASYMMETRIC ONLY SINGLE (Input only)



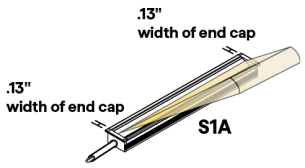
End Feed | Bottom Feed | End Feed | Bottom Feed

ASYMMETRIC ONLY PASS THROUGH (Input/Output)

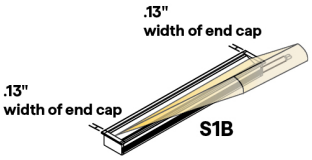


End Feed | End Feed | Bottom Feed | Bottom Feed

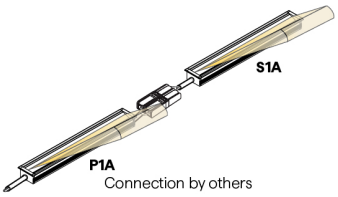
CONFIGURATION OPTIONS



Single End Feed

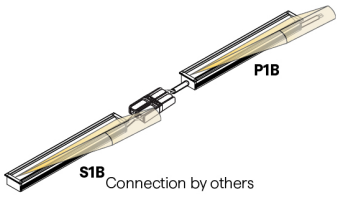


Single End Feed



Connection by others

Non-Continuous End Feed



Connection by others

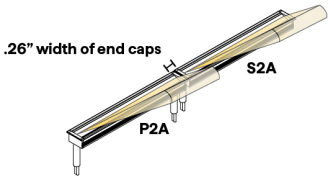
Non-Continuous End Feed

Connection by others

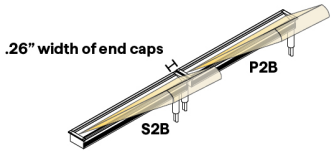
Non-Continuous Corner Feed

Connection by others

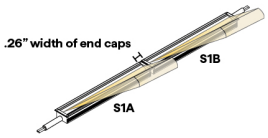
Non-Continuous Corner Feed



Non-Continuous Bottom Feed



Non-Continuous Bottom Feed



Non-Continuous End to End Feed

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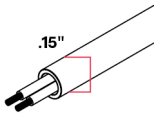
MICRO 5 KICKER-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Recessed

7/8 CONNECTOR/WIRE – IN/OUT

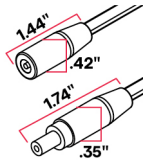
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out

BW



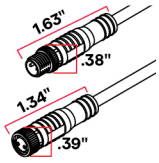
Bare Wire 24"
22 AWG

BRL



Barrel 6" - DRY/DMP |
22 AWG

CON6/CON24



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

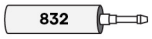
9 WIRE COLOR

White

Black

11 MOUNTING

832



832 Silicone

Sold separately

12 FINISH

Satin

Black

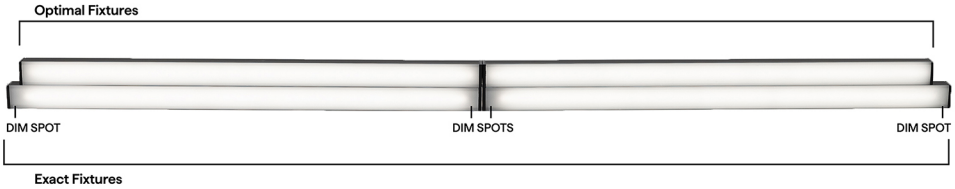
Custom finishes require a longer lead time, consult factory

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.



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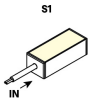
MICRO 5 KICKER-FLAT (01) STATIC WHITE

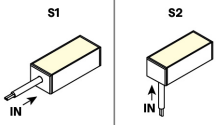
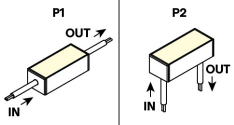
24VDC Linear Fixtures - Recessed

SW DRY DMP LENGTHS BY INCH

EXACT LENGTH

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

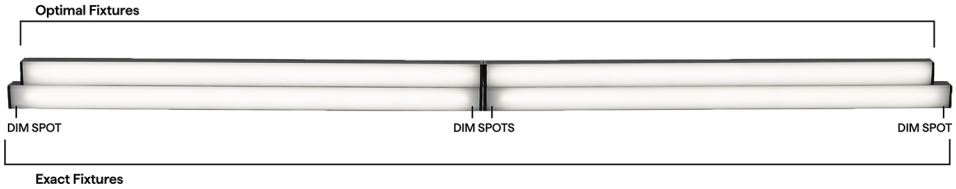
OPTIMAL LENGTH

Requested Nominal Length	S1A/B & S2A/B 	P1A/B & P2A/B 
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.



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MICRO 5 KICKER-FLAT (01) 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
	MICRO 5-SW
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1
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
1%	QTM-eLED(E) QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle

DIMMING PROTOCOL	INDOOR
	MICRO 5-SW
Non-Dim	QT-CAB-eLED-ND QTM-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
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
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
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
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle

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MICRO 5 KICKER-FLAT (01) STATIC WHITE

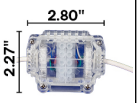
24VDC Linear Fixtures - Recessed

COMPATIBLE WIRING ACCESSORIES

Q-mini-J

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

Q-mini-J5



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

BARREL-EXT

8ft barrel cable extender
DRY ONLY

BARREL FOUR-FER

Splits lead from one to four LED Barrel connector fixtures, DRY/DMP

CON120-EXT

10ft Con cable extender
DRY/DMP/WET

CON FOUR-FER

Splits lead from one to four LED Con connectors
DRY/DMP/WET

CON M - BARREL F

Male con to barrel cable adaptor
DRY/DMP

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write DMX addresses and adjust voltage

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