MICRO 5 KICKER-ENCAPSULATED (03) FOR TUNABLE APPLICATIONS

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
- Used in applications where CCT and brightness need to be controlled separately
- When using DALI and DMX power supplies, LED wattage must be doubled

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1 PRODUCT	**2** WATTS/ FT	**3** CCT	**4** RATED	**5** LENS
	2.0		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-DW-2.0-24/30-ENC-TL-S1A-BW-CLS-WH-CL2-832-ST-48"-E

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1 PRODUCT

KCKR-03-DW
KCKR-03-DW-USA

Select USA option for BAA and BABA projects.

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.

2 WATTS/FT

2.0 2.0W/ft

3 CCT

24/30 2400K/3000K
27/40 2700K/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

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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")
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")
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")
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)

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9 WIRE COLOR

WH White
BK Black

10 WIRE TYPE

CL2 Class 2
CL2P Plenum Rated

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
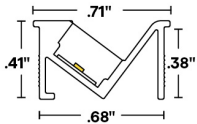**O** Optimal illumination

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

MICRO 5 KICKER-ENCAPSULATED (03) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Recessed

1 PRODUCT - DIMENSIONS

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

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.

2W/ft

111°

0°
30°
110°

3000K
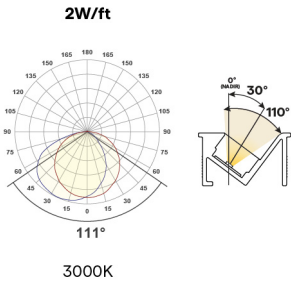
TEMPERATURE RATINGS

	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

6 WIRE INPUT/OUTPUT

ASYMMETRIC ONLY SINGLE (Input only)

S1A	**S2A**	**S1B**	**S2B**
IN	IN	IN	IN
End Feed	Bottom Feed	End Feed	Bottom Feed
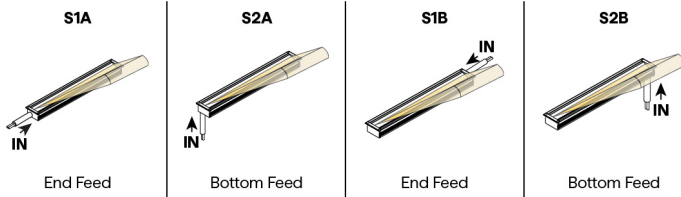
ASYMMETRIC ONLY PASS THROUGH (Input/Output)

P1A	**P1B**	**P2A**	**P2B**
OUT / IN	IN / OUT	IN / OUT	IN / OUT
End Feed	End Feed	Bottom Feed	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

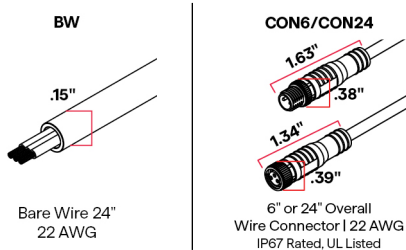## 7 / 8 CONNECTOR/WIRE – IN/OUT

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
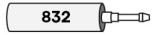
BW

.15"

Bare Wire 24"
22 AWG

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 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.
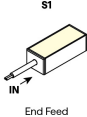
Optimal Fixtures
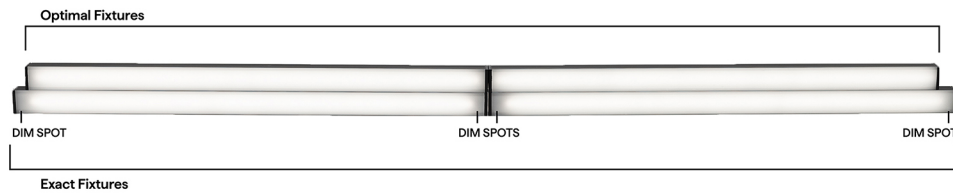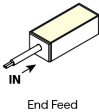
DIM SPOT   DIM SPOTS   DIM SPOT

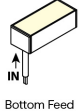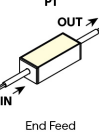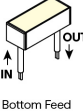**Exact Fixtures**

DW ENC LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture S1 IN End Feed
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 IN End Feed	S2 IN Bottom Feed	P1 OUT IN End Feed	P2 OUT IN Bottom Feed
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.

Optimal Fixtures

DIM SPOT　　　　　DIM SPOTS　　　　　DIM SPOT

Exact Fixtures
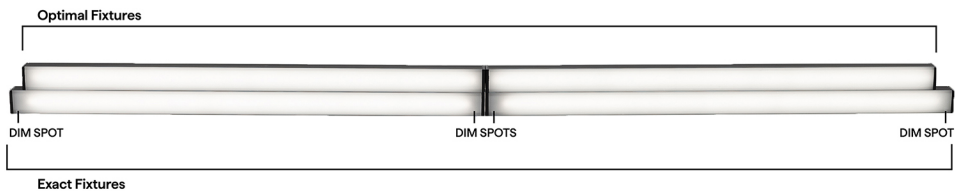
COMPATIBLE POWER SUPPLIES

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 Tunable Applications	MICRO 5-DW Tunable Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QTM-eLED+TW-AWN	Q-SET-QZ-DMX QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT8 QOM-eLED+PS-DALI-DT6 QOM-eLED+PS-DALI-DT8 QOM-eLED+TW
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with TW App Dongle	

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

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5

2.80"

2.27"
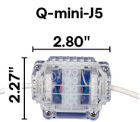
UL Listed, miniature
junction box, DRY/DMP
(WET rated with silicone)

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