

# FLUTE™ - CONTINUOUS RECESSED

Project Name:

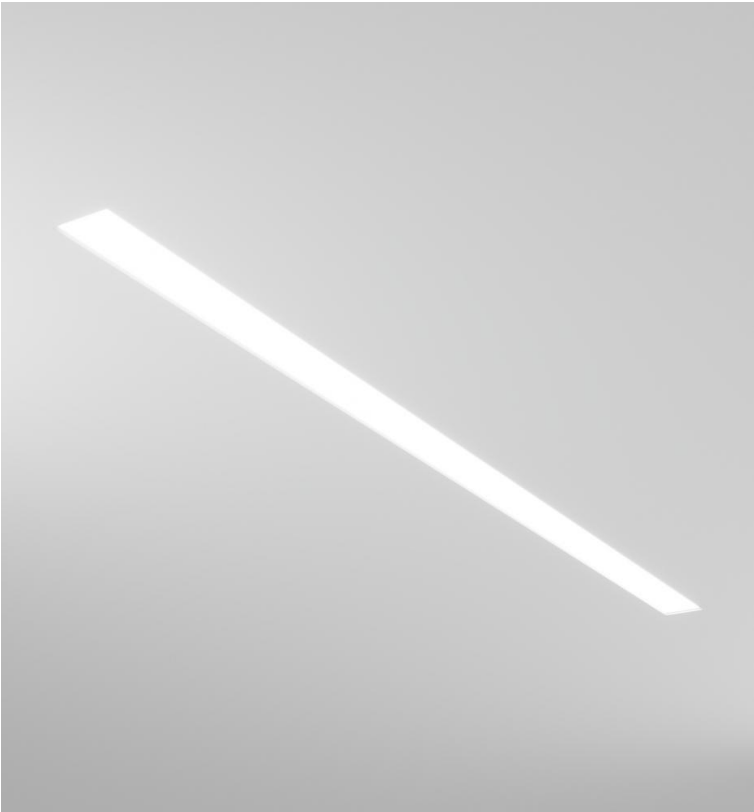
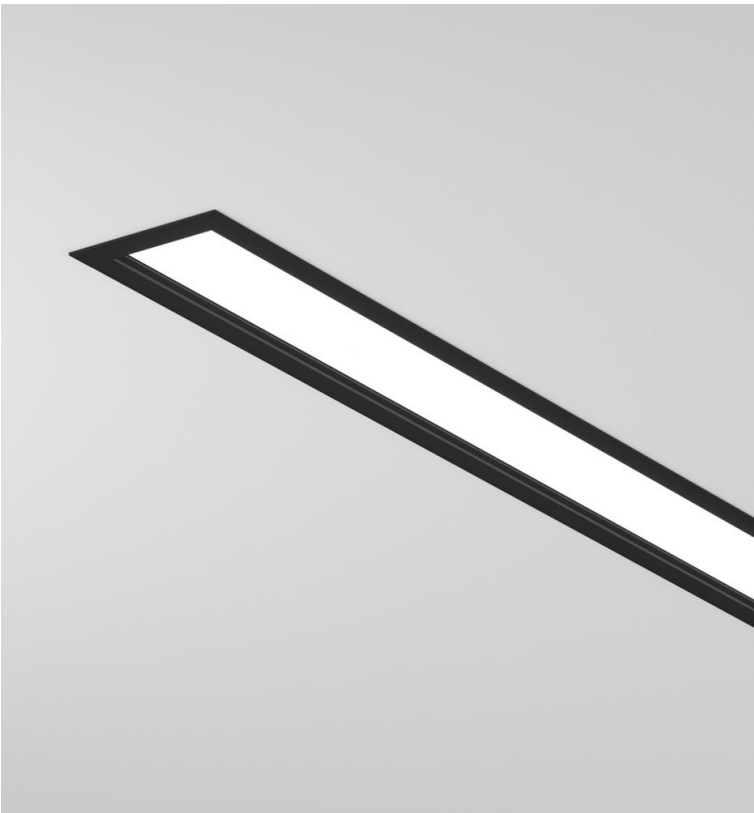
Fixture Type:

Fixture Code:

Quantities:



FLUTE™ - CONTINUOUS RECESSED



# FLUTE™ - CONTINUOUS RECESSED

With a lens only 2" in width, **FLUTE** is our narrowest linear recessed yet. **FLUTE** Recessed offers a slimline aesthetic that does not compromise on performance and delivers up to 135 lumens per watt. Standalone lengths up to 12' are available, as well as continuous runs up to 50' on a single circuit. Use a combination of lengths to create digital-age design effects on the ceiling or long lines of light for ambient illumination or wayfinding.

## GENERAL SPECIFICATION

### Body

Aluminum.

### PoE

Can be integrated into your data network via Power over Ethernet (PoE) connectivity.

### Diffuser

Opal acrylic. Supplied with a seamless roll (up to 24ft), to be trimmed and installed in the field.

### Reported L70 @25°C (77°F)

>108000 hrs @1400 lms/ft (4600 lm/m)

### Remote emergency

Emergency option provides a 1.5 hour (3hours for EU) emergency lighting facility. The remote system includes the inverter module, NiCad batteries and a remote wall/ceiling LED charge indicator and test switch. Maximum distance between wall/ceiling plate and luminaire is 15' (4.5m). Test switch fits a single gang box (not supplied).

### Tunable White

Tunable white available, consult factory.

### Design

US Pat. No. D967,491 US Pat. No. D969,389

### Finish

Powder coated.

### BIOS

For circadian lighting, consult factory.

### Drivers

HPF electronic drivers for 120-277V, 347V (EU-240V). The driver is integral to the fixture housing.

### Estimated L70 @25°C (77°F)

>196000 hrs @1400 lms/ft (4600 lm/m)

### Delivered lumens

Delivered lumens & LPW based on 4000K CRI 80+

### Approvals

Damp Rated.

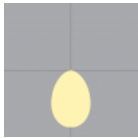
## MOUNTING & OPTICS



Recessed



Direct DD2



Direct DD4



Declare



PoE

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## HOW TO ORDER

### A. LUMINAIRE

**BLFR2R** Direct

Data shown based on max values, consult Performance Data download for more details. One power cord for every 50 linear feet.

### B. LENGTH OF RUN

**SFG** \_ \_ \_ \_

Minimum length to order is 4ft and orders to be in 2ft increments.

Example: 4ft = SFG0400

Example: 10ft = SFG1000

Example: 50ft = SFG5000

For runs over 50ft in length, consult factory.

### C. MAX LENGTH PER SECTION

<b>SL04</b> 4ft	<b>SL06</b> 6ft	<b>SL08</b> 8ft	<b>SL10</b> 10ft
<b>SL12</b> 12ft			

You can select the preferred maximum length per segment, to account for transportation and building constraints. Example: If a 40ft run is required, the longest available segment is 12ft and the run would consist of three 12ft segments and one 4ft. For special requirements, please contact [sales@betacalco.com](mailto:sales@betacalco.com).

### D. LUMENS/FT

<b>LPF020</b> 200 lm/ft	<b>LPF040</b> 400 lm/ft	<b>LPF060</b> 600 lm/ft	<b>LPF080</b> 800 lm/ft
<b>LPF100</b> 1000 lm/ft	<b>LPF120</b> 1200 lm/ft	<b>LPF140</b> 1400 lm/ft	

### E. CRI

<b>CR80</b> CRI 80+	<b>CR90</b> CRI 90+
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### F. CCT

<b>CTA30</b> 3000K	<b>CTA35</b> 3500K	<b>CTA40</b> 4000K
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### G. DIFFUSER

<b>DD2</b> Batwing diffuser	<b>DD4</b> Comfort Lens
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Supplied with a seamless roll (up to 24ft), to be trimmed and installed in the field.

### H. VOLTAGE

<b>V1</b> 120/277V	<b>V2</b> 240V <sup>1</sup>	<b>V3</b> 347V <sup>2</sup>	<b>V4</b> Low Voltage <sup>3</sup>
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<sup>1</sup> V2 not available in North America.

<sup>2</sup> V3 available with DA01 dimming only.

<sup>3</sup> V4 available with DA45 dimming only.

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## I. DIMMING

**DA01** 0-10V Dimming 1.0%  
**DA30** DSI/switchDim<sup>2</sup>

**DA02** 0-10V Dimming 0.1%<sup>1</sup>  
**DA45** PoE<sup>3</sup>

**DA20** DALI Dimming 0.1%<sup>1</sup>

**DA21** DALI Dimming 1.0%<sup>1</sup>

<sup>1</sup> Not available with V3.

<sup>2</sup> Not available in North America.

<sup>3</sup> Only available with V4.

## J. CEILING TYPE & TRIM

**RT1** Tegular ceiling<sup>1</sup>

**RT2** T-Bar ceiling<sup>2</sup>

**RT3** Trimless<sup>3</sup>

**RT4** Trim<sup>3</sup>

<sup>1</sup> Fixture designed to fit into a 9/16" or 15/16" standard tegular grid T-bar and through tile mount. Dimensions are nominal for grid ceiling fixtures. All fixture metalwork is white.

<sup>2</sup> Fixture designed to fit into a 9/16" or 15/16" standard grid T-bar and through tile mount. Dimensions are nominal for grid ceiling fixtures. All fixture metalwork is white.

<sup>3</sup> Fixture designed for drywall and concrete ceilings.

## K. CEILING TRIM FINISH

**FA00** Not required

**FA01** White<sup>1</sup>

**FA02** Black Metallic - Textured<sup>1</sup>

<sup>1</sup> Required for RT4 only.

## L. EMERGENCY

**E0** Not required

**E1** Emergency system - Integral

<sup>1</sup> A drawing will be required at time of ordering to determine the required number and location of the emergency sections. <sup>1</sup> Available upon request, consult factory for details. Not available with 347V. .

## M. CHICAGO PLENUM

**CPO** Not required

**CP1** Chicago Plenum



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## TECHNICAL DATA

### LUMINAIRE

Data shown based on max values, consult Performance Data download for more details. One power cord for every 50 linear feet.

<b>Code</b>	<b>BLFR2R</b>
<b>Light Direction</b>	Direct
<b>Lms/Ft</b>	1400
<b>Watts/Ft</b>	13
<b>LPW</b>	135

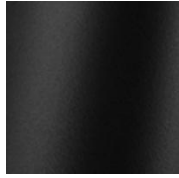
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### CEILING TRIM FINISH

Not required



White <sup>1</sup>



Black Metallic - Textured <sup>1</sup>

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<sup>1</sup> Required for RT4 only.

### APPROVALS



DAMP  
LOCATION



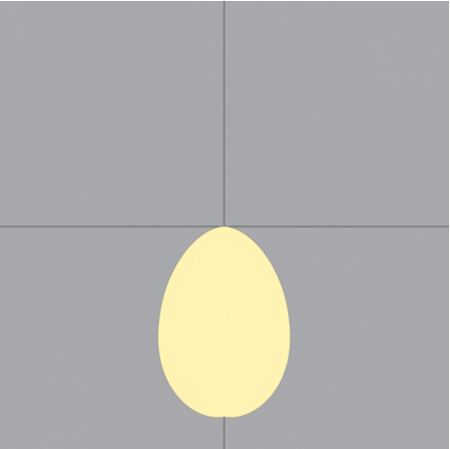
IP20



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## PERFORMANCE DATA

### DIRECT COMFORT (DD4)



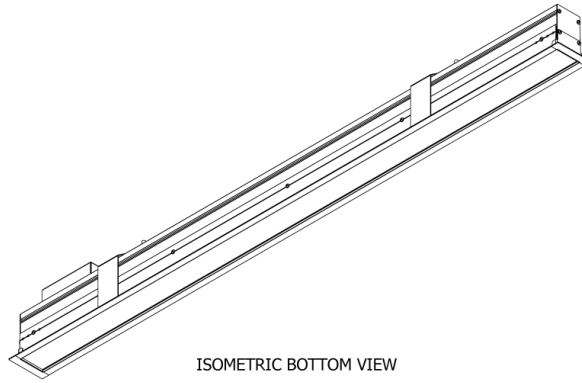
LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

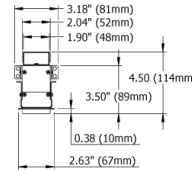
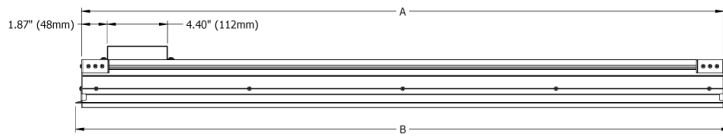
LPW
109
112
115
118
123
128
135

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## DIMENSIONAL DIAGRAMS

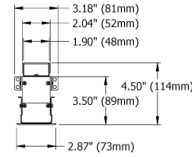
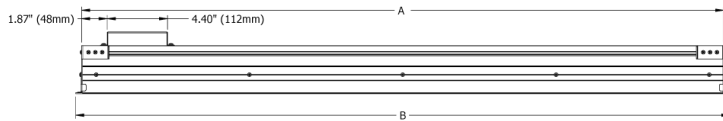


Grid Ceiling - Tegular ceiling



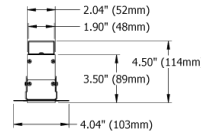
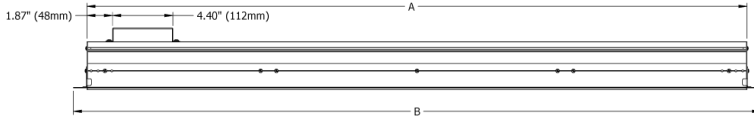
Max Length (Per section)	A	B
4ft	46.82" (1189mm)	47.7" (1212mm)
6ft	70.82" (1791mm)	71.7" (1821mm)
8ft	94.82" (2408mm)	95.7" (2431mm)
10ft	118.82" (3018mm)	119.7" (3040mm)
12ft	142.82" (3627mm)	143.7" (3650mm)

Grid Ceiling - T-bar ceiling



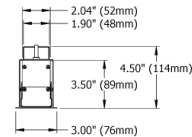
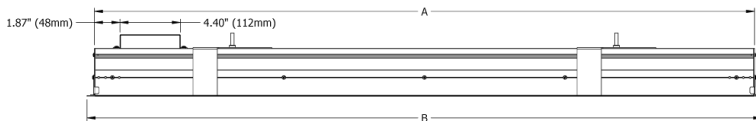
Max Length (Per section)	A	B
4ft	46.82" (1189mm)	47.7" (1212mm)
6ft	70.82" (1791mm)	71.7" (1821mm)
8ft	94.82" (2408mm)	95.7" (2431mm)
10ft	118.82" (3018mm)	119.7" (3040mm)
12ft	142.82" (3627mm)	143.7" (3650mm)

Hard Ceiling - Trimless



Max Length (Per section)	A	B
4ft	48.1" (1222mm)	50.1" (1273mm)
6ft	72.1" (1831mm)	74.1" (1882mm)
8ft	96.1" (2431mm)	98.1" (2492mm)
10ft	120.1" (3050mm)	122.1" (3040mm)
12ft	144.1" (3660mm)	146.1" (3711mm)

Hard Ceiling - Trim



Max Length (Per section)	A	B
4ft	48.1" (1222mm)	50.1" (1273mm)
6ft	72.1" (1831mm)	74.1" (1882mm)
8ft	96.1" (2431mm)	98.1" (2492mm)
10ft	120.1" (3050mm)	122.1" (3040mm)
12ft	144.1" (3660mm)	146.1" (3711mm)

