

# FLUTE™ - CONTINUOUS

Project Name:

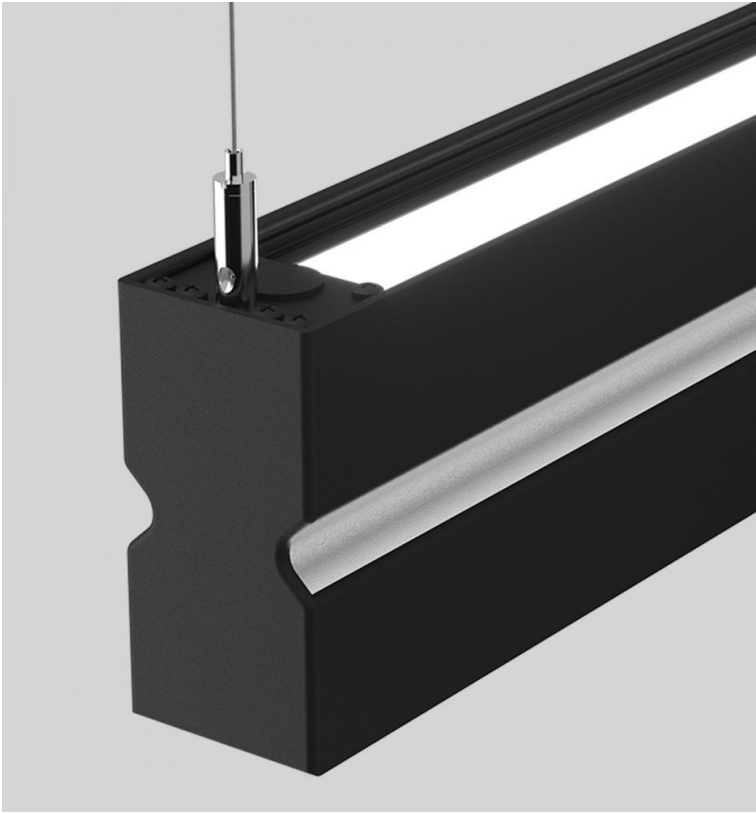
Fixture Type:

Fixture Code:

Quantities:



FLUTE™ - CONTINUOUS



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**FLUTE's** shape shifts the traditional block form factor into a cutting-edge cyber style. The fluting along the flank emits a side glow that radiates an electrifying detail and provides a lightweight appearance to an already compact form factor. The hourglass contour jacks up profile design with an aerodynamic quality. **FLUTE** is the optimal complement for tech-age modern design and interiors with intricate detailing.

## GENERAL SPECIFICATION

### Body

Aluminum.

### Power cable

Silver braided.

### Mechanical

Align N' Lock™ joiner ensures zero light leak and a simple installation. Luminaires mount directly over J box (by others).

### PoE

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

### 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).

### Drivers

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

### Reported L70 @25 °C (77 °F)

>108000 hrs @3000 lms/ft (9800 lm/m)

### Delivered lumens

Delivered lumens & LPW based on 4000K CRI 80+

### Designed by

Serge Cornelissen.

### Finish

Powder coated.

### Suspension

Steel cables.

### Diffuser

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

### BIOS

For circadian lighting, consult factory.

### Sensors

Compatible with Avi-On, Casambi, Enlighted, Lutron Vive, nLight, NX Lighting Controls, Osram, Philips, and others. Consult factory.

### Tunable White

Tunable white available, consult factory.

### Estimated L70 @25 °C (77 °F)

>196000 hrs @3000 lms/ft (9800 lm/m)

### Approvals

Damp Rated.

### Design

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

## MOUNTING & OPTICS



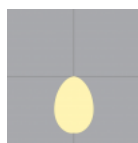
Suspended Direct



Suspended Direct/Indirect



Direct DD2



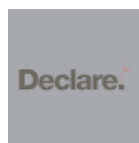
Direct DD4



Indirect UD1



Indirect UD3



Declare



PoE



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## HOW TO ORDER

### A. LUMINAIRE

**FLUP1P** Direct

**FLUP2P** Direct/Indirect

Data shown based on max values, consult Performance Data download for more details. Non Illuminated Reveal versions available, consult factory for details. One power cord for every 50 linear feet.

### B. LENGTH OF RUN

**SFA** \_ \_ \_ \_

Minimum length to order is 4ft and orders to be in 2ft increments. For 6 inch increments, consult factory.

Example: 4ft = SFA0400

Example: 10ft = SFA1000

Example: 50ft = SFA5000

For runs over 50ft in length, consult factory.

### C. MAX LENGTH PER SECTION

**SL04** 4ft

**SL06** 6ft

**SL08** 8ft

**SL10** 10ft

**SL12** 12ft

You can select the preferred maximum length per segment, to account for transportation and building constraints. Example: If a 40ft run is required and SL12 (12ft) is selected, we would provide 4 10ft segments. For special requirements, please contact sales@betacalco.com.

### D. LM/FT (DIRECT)

**LPF020** 200 lm/ft

**LPF040** 400 lm/ft

**LPF060** 600 lm/ft

**LPF080** 800 lm/ft

**LPF100** 1000 lm/ft

**LPF120** 1200 lm/ft

**LPF140** 1400 lm/ft

### E. LM/FT (INDIRECT)

**LPG000** Not required

**LPG020** 200 lm/ft

**LPG040** 400 lm/ft

**LPG060** 600 lm/ft

**LPG080** 800 lm/ft

**LPG100** 1000 lm/ft

**LPG120** 1200 lm/ft

**LPG140** 1400 lm/ft

**LPG165** 1650 lm/ft

### F. CRI

**CR80** CRI 80+

**CR90** CRI 90+

### G. CCT - DIRECT

**CTA30** 3000K

**CTA35** 3500K

**CTA40** 4000K

### H. CCT - INDIRECT

**CTB00** Not required

**CTB30** 3000K

**CTB35** 3500K

**CTB40** 4000K

### I. DIRECT DIFFUSER

**DD2** Batwing

**DD4** Comfort

### J. INDIRECT DIFFUSER

**UD0** Not required

**UD1** Batwing

**UD3** Asymmetric <sup>1</sup>

<sup>1</sup> Available up to 1200 lms/ft.

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## K. UPLIGHT BLACKOUT PLATE

**UB00** Not required **UB\_ \_** Blackout plate <sup>1</sup>

<sup>1</sup> Available on a per foot basis. May be required to prevent lighting up duct work in a loft type application.

## L. VOLTAGE

**V1** 120/277V **V2** 240V <sup>1</sup> **V3** 347V <sup>2</sup> **V4** Low Voltage <sup>3</sup>

<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.

## M. DIMMING

**DA01** 0-10V Dimming 1.0% **DA02** 0-10V Dimming 0.1% <sup>1</sup> **DA20** DALI Dimming 0.1% <sup>1</sup> **DA21** DALI Dimming 1.0% <sup>1</sup>  
**DA30** DSI/switchDim <sup>2</sup> **DA45** PoE <sup>3</sup>

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

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

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

## N. CEILING TYPE

**G1** Grid ceiling <sup>1</sup> **H1** Hard ceiling <sup>2</sup>

<sup>1</sup> Combo kit includes installation to T-bar and through tile mount.

<sup>2</sup> Designed for drywall ceilings.

## O. SUSPENSION

**HLA03** 3ft cable suspension **HLA06** 6ft cable suspension **HLA09** 9ft cable suspension

Special order available on lengths over 10ft and may be subject to longer lead times, consult factory.

## P. FIXTURE FINISH

**FA01** White **FA02** Black Metallic - Textured **FA20** Silver Metallic - Textured **FA25** Gold Metallic - Textured  
**FA27** Wood grain - Light Cherry <sup>1</sup> **FA28** Wood grain - Dark Walnut <sup>1</sup> **FA44** Midnight Blue Metallic - Textured **FA45** Copper Metallic  
**FA46** Charcoal Metallic - Textured **FA47** Bronze Metallic - Textured **FA52** Champagne Metallic **FA53** Red Metallic - Textured

<sup>1</sup> Longer than normal lead times may apply, consult factory.

## Q. CANOPY FINISH

**CF01** White **CF02** Black Metallic - Textured **CF20** Silver Metallic - Textured **CF25** Gold Metallic - Textured  
**CF44** Midnight Blue Metallic - Textured **CF45** Copper Metallic **CF46** Charcoal Metallic - Textured **CF47** Bronze Metallic - Textured  
**CF52** Champagne Metallic **CF53** Red Metallic - Textured

## R. EMERGENCY

**E0** Not required **E1** Emergency system - Integral <sup>1</sup> **E3** Emergency generated circuit <sup>1</sup>

<sup>1</sup> A drawing will be required at the time of ordering to determine the required number and location of the emergency sections or generator circuits. Not available in 347V.



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## S. CIRCUITS

**CS1** Single circuit

**CS2** Dual circuit <sup>1</sup>

**CS4** Emergency generated circuit <sup>1</sup>

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<sup>1</sup> Only required if ordering Emergency system.

## T. SENSORS



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## TECHNICAL DATA

### LUMINAIRE

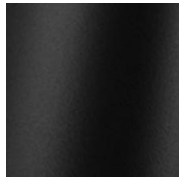
Data shown based on max values, consult Performance Data download for more details. Non Illuminated Reveal versions available, consult factory for details.  
One power cord for every 50 linear feet.

Code	FLUP1P	FLUP2P
Light Direction	Direct	Direct/Indirect
Lms/Ft Direct	1400	1400
Lms/ft Indirect		1650
Watts/Ft Direct	13	13
Watts/Ft Indirect		13
LPW Direct	133	133
LPW Indirect		168

## FIXTURE FINISH



White



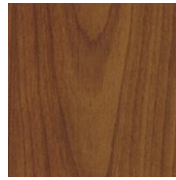
Black Metallic -  
Textured



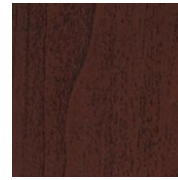
Silver Metallic -  
Textured



Gold Metallic -  
Textured



Wood grain - Light  
Cherry<sup>1</sup>



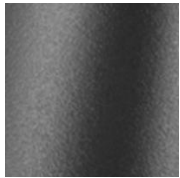
Wood grain - Dark  
Walnut<sup>1</sup>



Midnight Blue Metallic -  
Textured



Copper Metallic



Charcoal Metallic -  
Textured



Bronze Metallic -  
Textured



Champagne Metallic

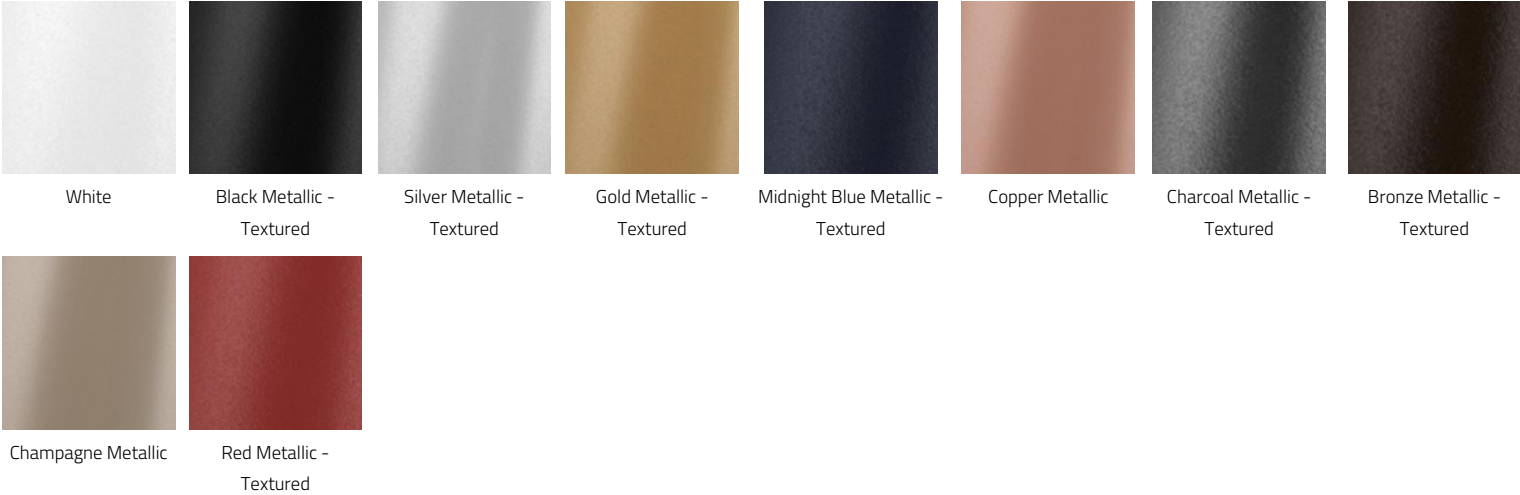


Red Metallic -  
Textured

<sup>1</sup> Longer than normal lead times may apply, consult factory.

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## CANOPY FINISH



## APPROVALS





# FLUTE™ - CONTINUOUS

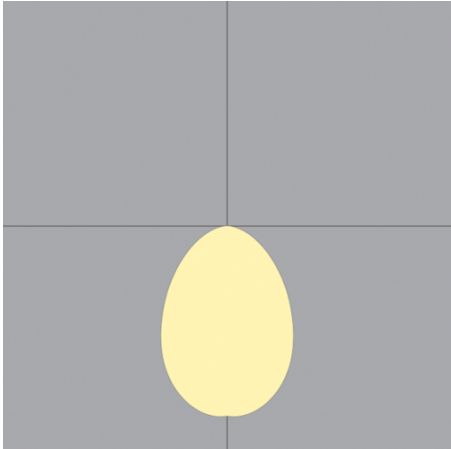
## PERFORMANCE DATA

**DIRECT COMFORT DIFFUSER (WITH SIDE REVEAL) (DD4)**

**LUMEN/FT**

**WATT/FT**

**LPW**



1400
1200
1000
800
600
400
200

13
11
9
7
5
3
2

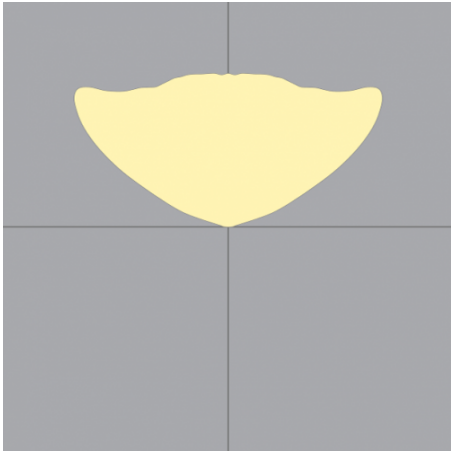
107
110
113
116
121
126
133

**INDIRECT BATWING (UD1)**

**LUMEN/FT**

**WATT/FT**

**LPW**



1650
1400
1000
800
600
400
200

13
11
9
7
6
4
3
1

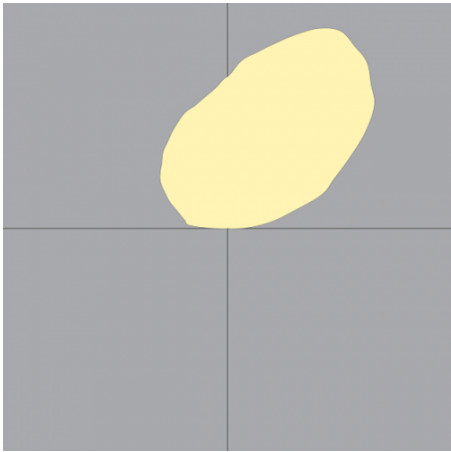
134
138
142
146
150
155
161
168

**INDIRECT ASYMMETRIC (UD3)**

**LUMEN/FT**

**WATT/FT**

**LPW**



1200
1000
800
600
400
200

13
10
9
6
4
2

97
100
102
107
109
112

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## DIMENSIONAL DIAGRAMS

