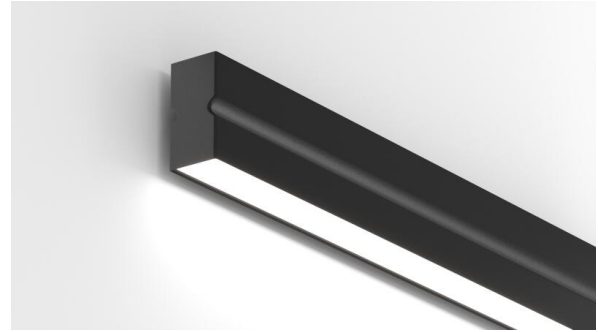




# FLUTE™

## FULL SPECIFICATION SHEET



Fixture Type

Fixture Code

Quantities

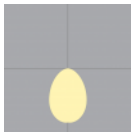
### 1 DESCRIPTION

**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.

### 2 OPTICS & FEATURES



Wall -  
Direct/Indirect



Direct DD4



Indirect UD3



Declare



PoE

### 3 APPROVALS



4 GENERAL SPECIFICATION

**BODY**

Aluminum.

**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).

**MECHANICAL**

Align N' Lock™ joiner ensures zero light leak and a simple installation.

Luminaires mount directly over J box (by others).

**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.

**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.

**DIFFUSER**

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

**TUNABLE WHITE**

Tunable White range from 2700K to 6500K is available; contact the factory for details.

**ESTIMATED L70 @25°C (77°F)**

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

**APPROVALS**

Damp Rated.

**DESIGN**

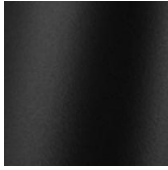
US Pat. No. D967,491 US Pat. No. D969,389

## 5 DESIGN OPTIONS

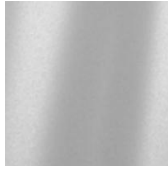
### FIXTURE FINISH



White



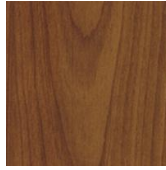
Black  
Metallic -  
Textured



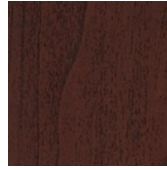
Silver  
Metallic -  
Textured



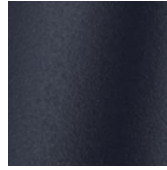
Gold Metallic  
- Textured



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



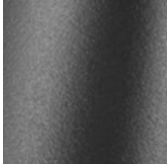
Wood grain  
- Dark  
Walnut <sup>1</sup>



Midnight  
Blue Metallic  
- Textured



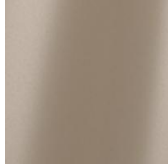
Copper  
Metallic



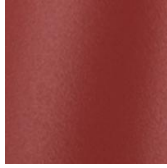
Charcoal  
Metallic -  
Textured



Bronze  
Metallic -  
Textured



Champagne  
Metallic



Red Metallic  
- Textured

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

## 6 HOW TO ORDER

### 1. LUMINAIRE

**FLUW1W** Direct

**FLUW2W** 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.

## 2. LENGTH OF RUN

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.

## 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.

## 3. 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.

## 4. 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

## 5. 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

## 6. CRI

**CR80** CRI 80+

**CR90** CRI 90+

## 7. CCT – DIRECT

**CTA27** 2700K

**CTA30** 3000K

**CTA35** 3500K

**CTA40** 4000K

## 8. CCT – INDIRECT

**CTB00** Not required

**CTB27** 2700K

**CTB30** 3000K

**CTB35** 3500K

**CTB40** 4000K

## 9. DIRECT DIFFUSER

**DD4** Comfort

## 10. UPLIGHT DIFFUSER

**UD0** Not required

**UD2** Diffused

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

<sup>1</sup> Available up to 1200 lms/ft. The asymmetric distribution will be directed away from the wall.

## 11. 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.

## 12. 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.

## 13. 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.

#### 14. FIXTURE FINISH

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

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

#### 15. EMERGENCY

<b>E0</b> Not required	<b>E1</b> Emergency system – Integral <sup>1</sup>	<b>E3</b> Emergency generated circuit <sup>1</sup>
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<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.

#### 16. CIRCUITS

<b>CS1</b> Single circuit	<b>CS2</b> Dual circuit <sup>1</sup>	<b>CS4</b> Emergency generated circuit <sup>1</sup>
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<sup>1</sup> Only required if ordering Emergency system.

#### 17. SENSORS

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

## 7 TECHNICAL DATA

### LUMINAIRE

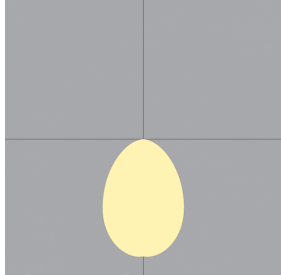
Data shown based on max values, consult Performance Data download for more details. Non Illuminated Reveal versions available, consult factory for details.

One power cord for every 50 linear feet.

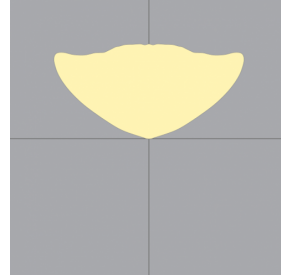
Code	FLUW1W	FLUW2W
Light Direction	Direct	Direct/Indirect
Lms/Ft Direct	1400	1400
Lms/ft Indirect		1650
Watts/Ft Direct	13	13
Watts/Ft Indirect		13
LPW Direct	133	133
LPW Indirect		168

## 8 PERFORMANCE DATA

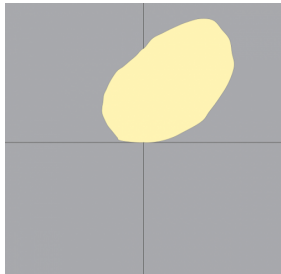
### DIRECT COMFORT DIFFUSER (WITH SIDE REVEAL) (DD4)

	LUMEN/FT	WATT/FT	LPW
	1400	13	107
	1200	11	110
	1000	9	113
	800	7	116
	600	5	121
	400	3	126
	200	2	133

### INDIRECT BATWING (UD1)

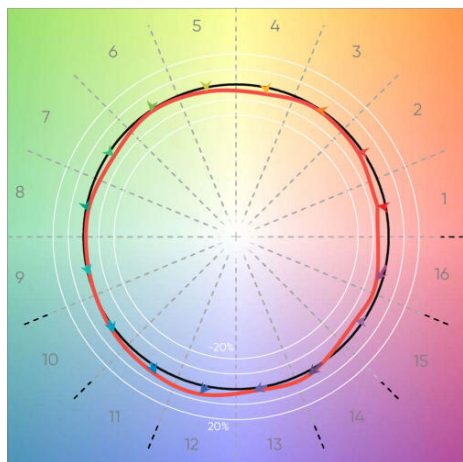
	LUMEN/FT	WATT/FT	LPW
	1650	13	134
	1400	11	138
	1000	9	142
	800	7	146
	600	6	150
	400	4	155
	200	3	161
		1	168

### INDIRECT ASYMMETRIC (UD3)

	LUMEN/FT	WATT/FT	LPW
	1200	13	97
	1000	10	100
	800	9	102
	600	6	107
	400	4	109
	200	2	112

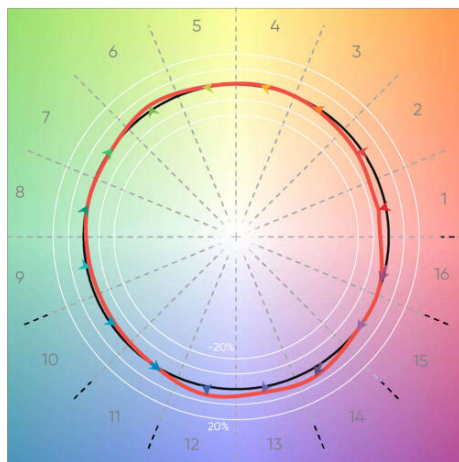
9 TM-30 DATA

CCT 2700K



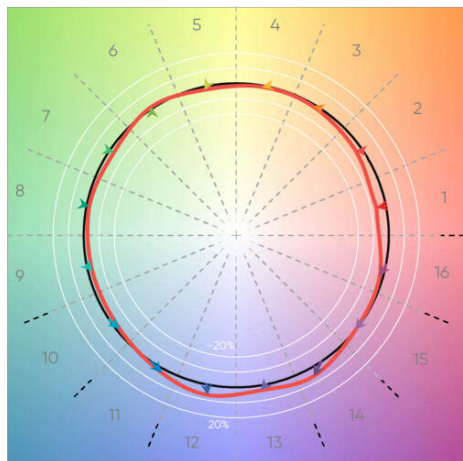
<b>CRI (Ra)</b>	93
<b>CRI (R9)</b>	61
<b>TM30 Rf</b>	91
<b>TM30 Rg</b>	98
<b>Duv</b>	-0.0022

CCT 3000K



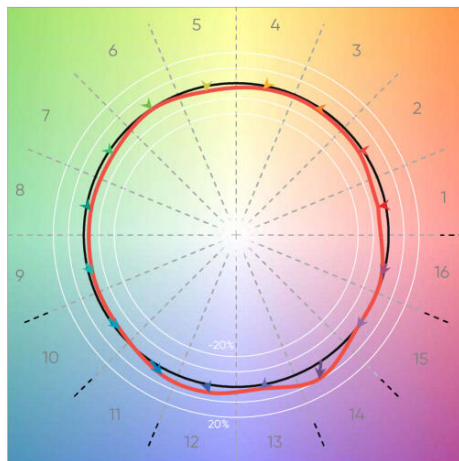
<b>CRI (Ra)</b>	92
<b>CRI (R9)</b>	58
<b>TM30 Rf</b>	92
<b>TM30 Rg</b>	100
<b>Duv</b>	-0.0003

CCT 3500K



<b>CRI (Ra)</b>	91
<b>CRI (R9)</b>	53
<b>TM30 Rf</b>	90
<b>TM30 Rg</b>	99
<b>Duv</b>	-0.0007

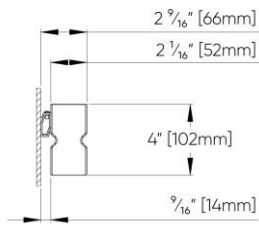
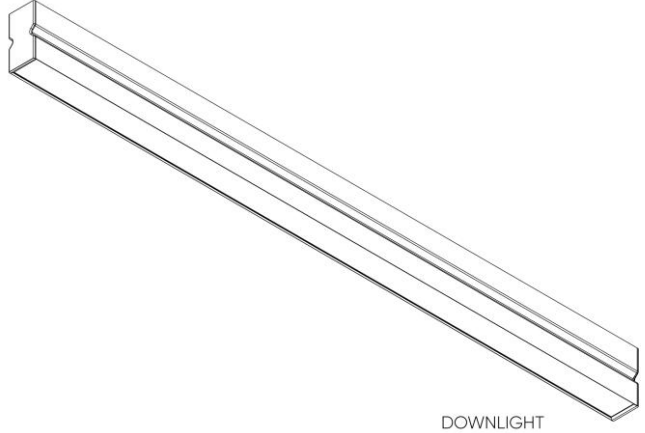
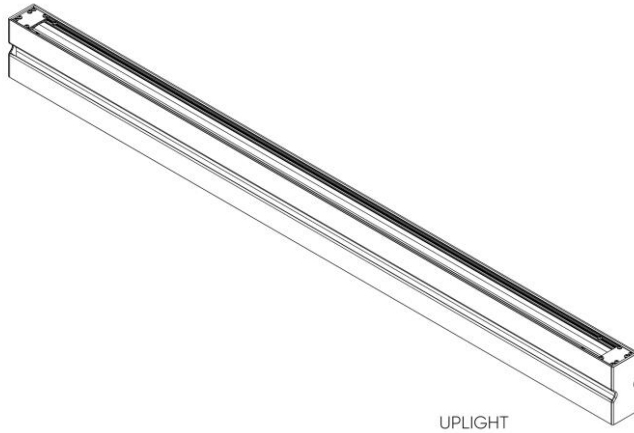
CCT 4000K



<b>CRI (Ra)</b>	93
<b>CRI (R9)</b>	64
<b>TM30 Rf</b>	90
<b>TM30 Rg</b>	98
<b>Duv</b>	0.0000



## Isometric Views



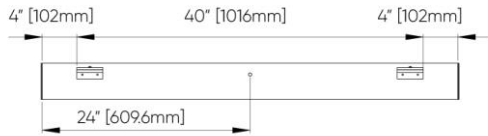
TOP VIEW [UPLIGHT]



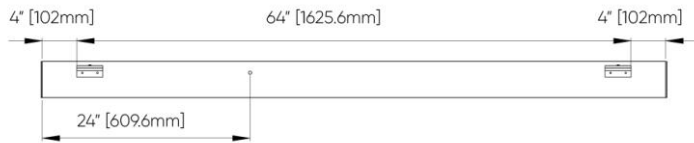
BOTTOM VIEW [DOWNLIGHT]

## WALL MOUNT CONFIGURATIONS

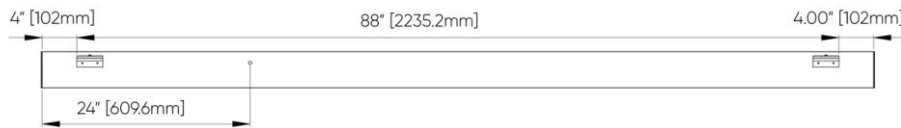
### 4FT



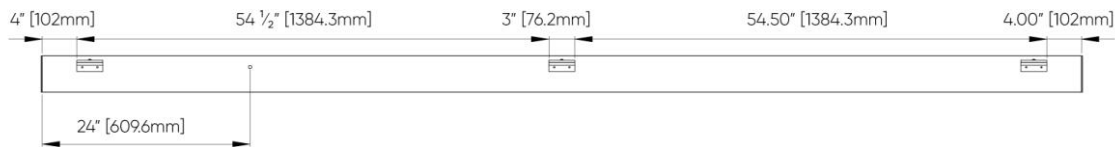
### 6FT



### 8FT



### 10FT



### 12FT

