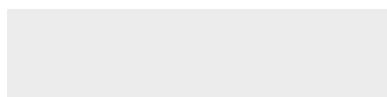
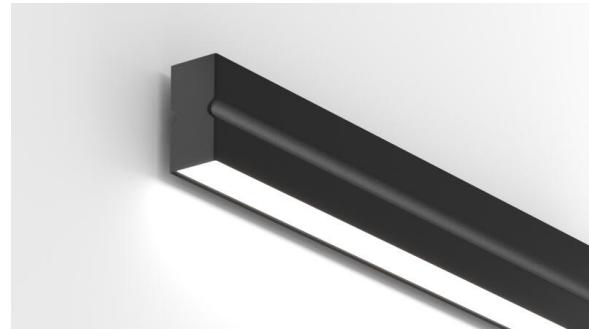


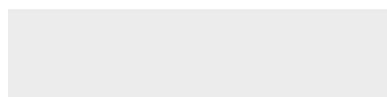


FLUTE™

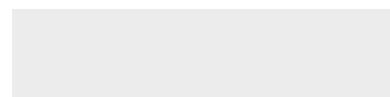
FULL SPECIFICATION SHEET



Fixture Type



Fixture Code



Quantities

1 DESCRIPTION

FLUTE shapeshifts the traditional block form factor into a cutting-edge cyber style. The illuminated reveal and fluting along the flank emits a halation effect through the side glow that radiates an electrifying detail, providing a lightweight appearance and energetic aura 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. **FLUTE** delivers a high efficacy up to 142 lumens per watt, affording designers several lumen packages to ensure their desired effect is achieved without over or under-lighting. The direct light can be paired with a Comfort Lens for a softer and more even distribution of light, providing visual comfort. The unique profile design of this fresh linear can be built in a bespoke manner, suited to the requirements of each and every space.

2 OPTICS & FEATURES



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.

LENS

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



¹ Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

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.

Examples: 4ft = SFA0400, 10ft = SFA1000, 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.

Examples: 4ft = SFA0400, 10ft = SFA1000, 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+
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7. CCT - DIRECT

CTA27 2700K	CTA30 3000K	CTA35 3500K	CTA40 4000K
CTA60 Tunable White ¹			

¹ Consult factory.

8. CCT - INDIRECT

CTB00 Not required	CTB27 2700K	CTB30 3000K	CTB35 3500K
CTB40 4000K	CTB60 Tunable White ¹		

¹ Consult factory.

9. DIRECT LENS

DD4 Comfort

10. INDIRECT LENS

UD0 Not required	UD2 Diffused	UD3 Asymmetric ¹
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¹ 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 ¹

¹ 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 ¹

V3 347V ²

V4 Low Voltage ³

¹ V2 not available in North America. ² V3 available with DA01 dimming only. ³ V4 available with DA45 dimming only.

13. DIMMING

DA01 0-10V Dimming 1.0%

DA02 0-10V Dimming 0.1% ¹

DA20 DALI Dimming 0.1% ¹

DA21 DALI Dimming 1.0% ¹

DA30 DSI/switchDim ²

DA45 PoE ³

¹ Not available with V3. ² Not available in North America. ³ Only available with V4.

14. FIXTURE FINISH

FA01 White

FA02 Black Metallic - Textured

FA20 Silver Metallic - Textured

FA25 Gold Metallic - Textured

FA27 Wood grain - Light Cherry ¹

FA28 Wood grain - Dark Walnut ¹

FA30 Wood grain - White Oak ¹

FA44 Midnight Blue Metallic - Textured

FA45 Copper Metallic

FA46 Charcoal Metallic - Textured

FA47 Bronze Metallic - Textured

FA52 Champagne Metallic

FA53 Red Metallic - Textured

¹ Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

15. EMERGENCY

E0 Not required

E1 Emergency system - Integral ¹

E3 Emergency generated circuit ¹

¹ 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

CS1 Single circuit

CS2 Dual circuit ¹

CS4 Emergency generated circuit ¹

¹ 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

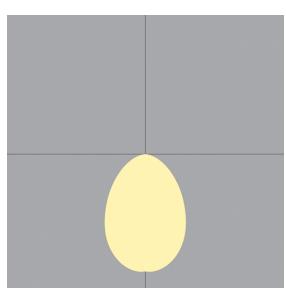
LUMINAIRE

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

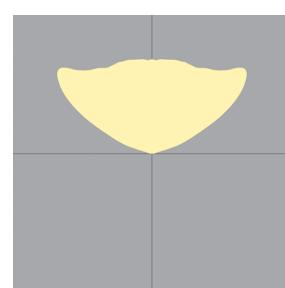
8 PERFORMANCE DATA

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

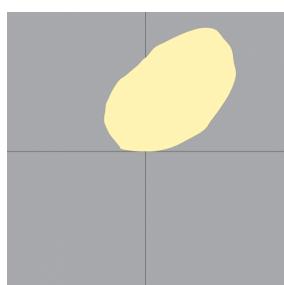
INDIRECT BATWING (UD1)



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

1200
1000
800
600
400
200

WATT/FT

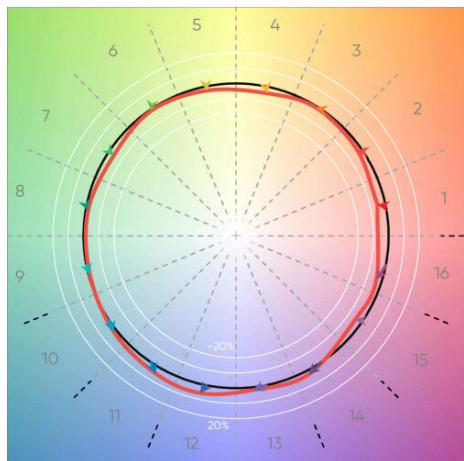
13
10
9
6
4
2

LPW

97
100
102
107
109
112

9 TM-30 DATA

CCT 2700K



CRI (Ra)

93

CRI (R9)

61

TM30 Rf

91

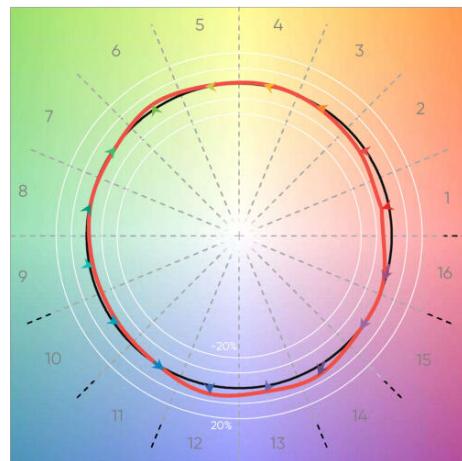
TM30 Rg

98

Duv

-0.0022

CCT 3000K



CRI (Ra)

92

CRI (R9)

58

TM30 Rf

92

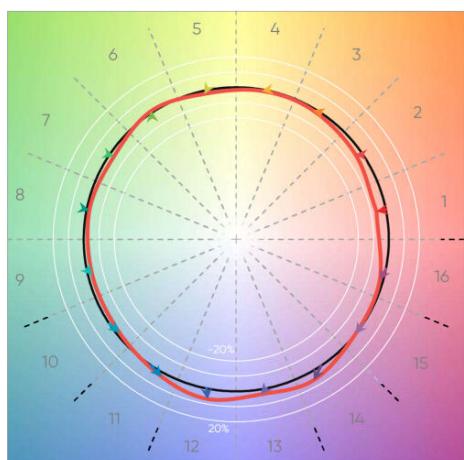
TM30 Rg

100

Duv

-0.0003

CCT 3500K



CRI (Ra)

91

CRI (R9)

53

TM30 Rf

90

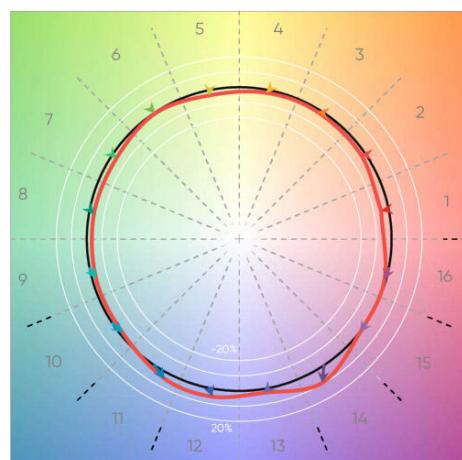
TM30 Rg

99

Duv

-0.0007

CCT 4000K



CRI (Ra)

93

CRI (R9)

64

TM30 Rf

90

TM30 Rg

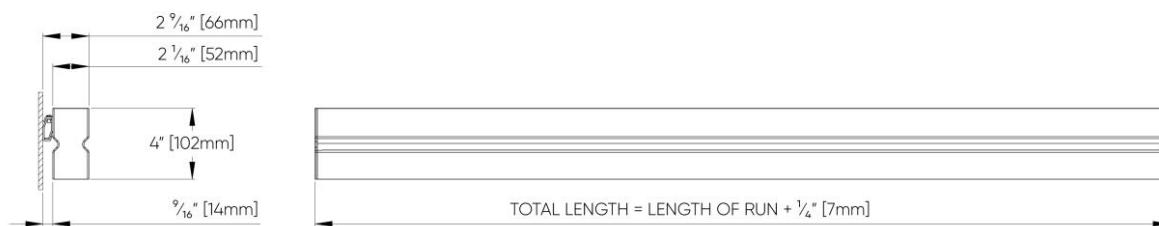
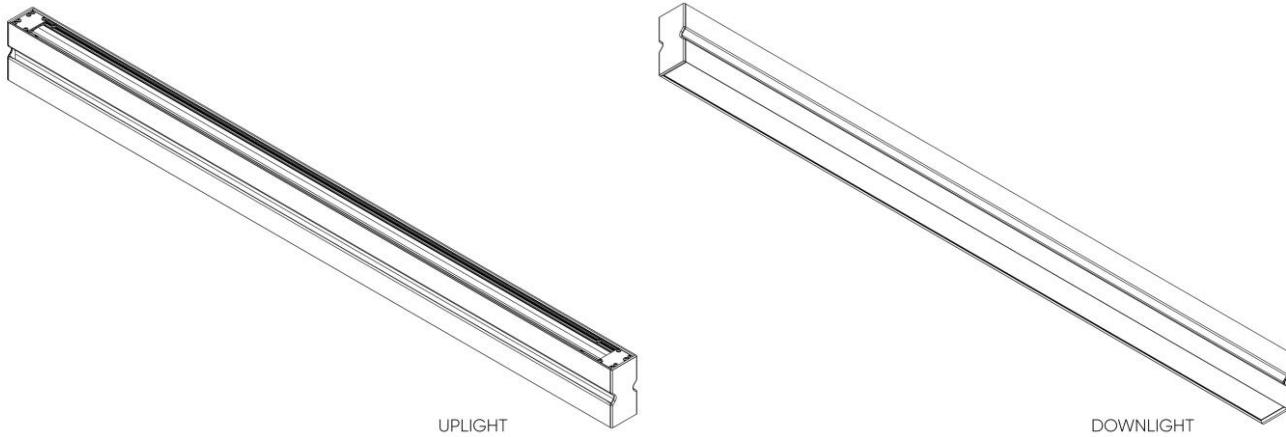
98

Duv

0.0000

10 DIMENSIONAL DIAGRAMS

Isometric Views



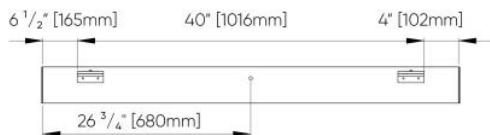
TOP VIEW [UPLIGHT]



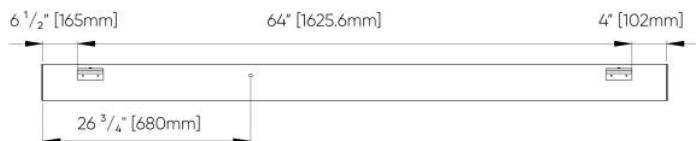
BOTTOM VIEW [DOWNLIGHT]

WALL MOUNT CONFIGURATIONS

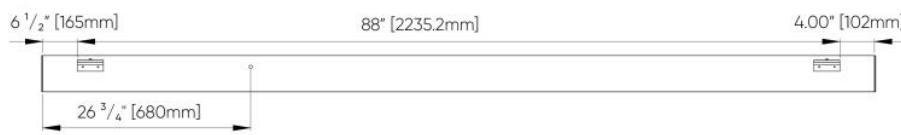
4FT



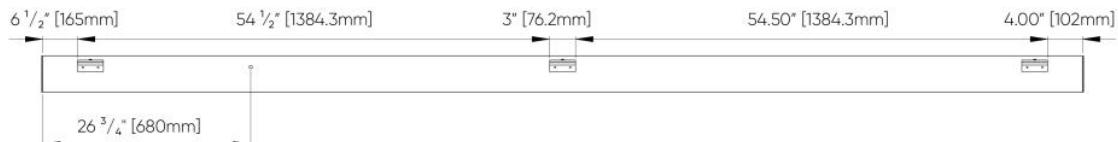
6FT



8FT



10FT



12FT

