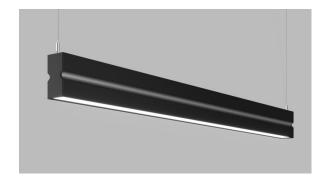


FLUTE™ **FULL SPECIFICATION SHEET**



Fixture Type	Fixture Code	Quantities

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. FLUTEis the optimal complement for tech-age modern design and interiors with intricate detailing.

OPTICS & FEATURES



















APPROVALS













4 GENERAL SPECIFICATION

BODY

Aluminum.

POWER CABLE

Silver braided.

MECHANICAL

Align N' LockTM 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.

SEISMIC BRACING

Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

FINISH

Powder coated.

SUSPENSION

Steel cables.

LENS

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 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.

CANOPY FINISH



6

HOW TO ORDER

1. 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.

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	LPG140 1400 lm/ft

LPG165 1650 lm/ft

CR80 CRI 80+ **CR90** CRI 90+

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

9. DIRECT LENS

DD2 Batwing **DD4** Comfort

10. INDIRECT LENS

UD0 Not required **UD1** Batwing **UD3** Asymmetric ¹

11. UPLIGHT BLACKOUT PLATE

UBOO Not required **UB_** Blackout plate ¹

12. VOLTAGE

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

¹ Consult factory.

¹ Available up to 1200 lms/ft.

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

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/switchDim² DA45 PoE 3

14. CEILING TYPE

G1 Grid ceiling 1 H1 Hard ceiling 2

15. 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.

16. FIXTURE FINISH

FA01 White FA02 Black Metallic - Textured FA20 Silver Metallic - Textured FA25 Gold Metallic - Textured

FA44 Midnight Blue Metallic -FA27 Wood grain - Light Cherry 1 FA28 Wood grain - Dark Walnut 1 FA30 Wood grain - White Oak 1

Textured

FA46 Charcoal Metallic -FA45 Copper Metallic FA47 Bronze Metallic - Textured FA52 Champagne Metallic

Textured

FA53 Red Metallic - Textured

17. CANOPY FINISH

CF52 Champagne Metallic

CF20 Silver Metallic - Textured CF01 White CF02 Black Metallic - Textured CF25 Gold Metallic - Textured

CF47 Bronze Metallic - Textured CF44 Midnight Blue Metallic -CF45 Copper Metallic CF46 Charcoal Metallic -

CF53 Red Metallic - Textured

Textured

Textured

¹ Not available with V3.

² Not available in North America.

³ Only available with V4.

¹ Combo kit includes installation to T-bar and through tile mount.

² Designed for drywall ceilings.

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



18. EMERGENCY

E0 Not required **E1** Emergency system - Integral ¹ **E3** Emergency generated circuit ¹

19. CIRCUITS

CS1 Single circuit

CS2 Dual circuit

CS4 Emergency generated circuit

circuit

1

20. 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	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

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.

¹ Only required if ordering Emergency system.

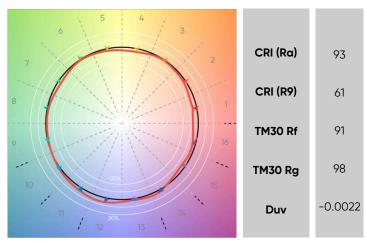
8 PERFORMANCE DATA

DIRECT COMFORT DIFFUSER (WITH SIDE REVEAL) (DD4)	LUMEN/FT	WATT/FT	LPW	INDIRECT BATWING (UD1)	LUMEN/FT	WATT/FT	LPW
	1400 1200	13 11	107 110		1650 1400	13 11	134 138
	1000 800	9 7	113 116		1000 800	9 7	142 146
	600 400	5 3	121 126		600 400	6 4	150 155
	200	2	133		200	3 1	161 168

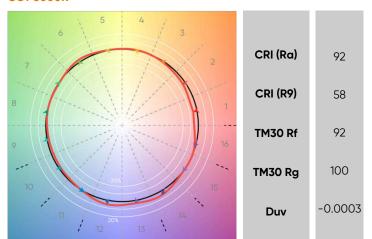
INDIRECT ASYMMETRIC (UD3)	LUMEN/FT	WATT/FT	LPW
	1200	13	97
	1000	10	100
	800	9	102
	600	6	107
	400	4	109
	200	2	112

9 TM-30 DATA

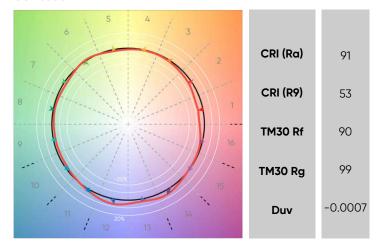
CCT 2700K



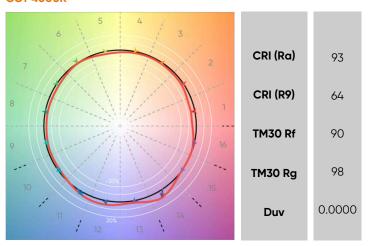
CCT 3000K



CCT 3500K



CCT 4000K



10 DIMENSIONAL DIAGRAMS

