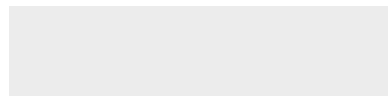
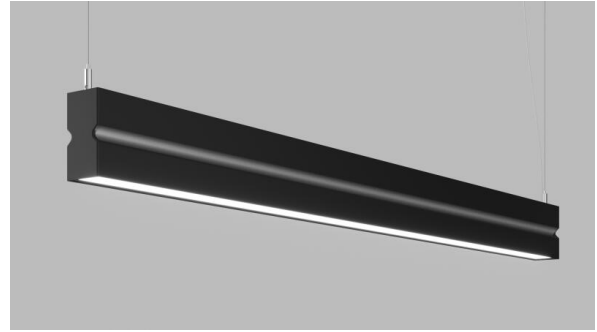


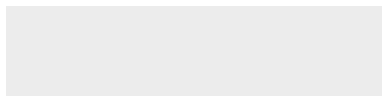


FLUTE™

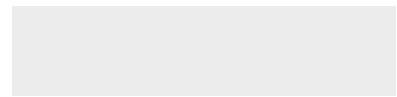
FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE



QUANTITIES

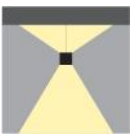
1 DESCRIPTION

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



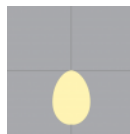
Suspended
Direct



Suspended
Direct/Indirect



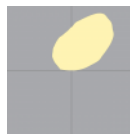
Direct DD2



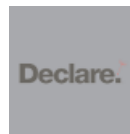
Direct DD4



Indirect UD1



Indirect UD3



Declare



PoE



Tunable White

3 APPROVALS



4 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.

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.

LUMINAIRE LEVEL LIGHTING CONTROLS

This product can be configured for integration with luminaire-level lighting controls. Contact the factory for available options and project-specific requirements.

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

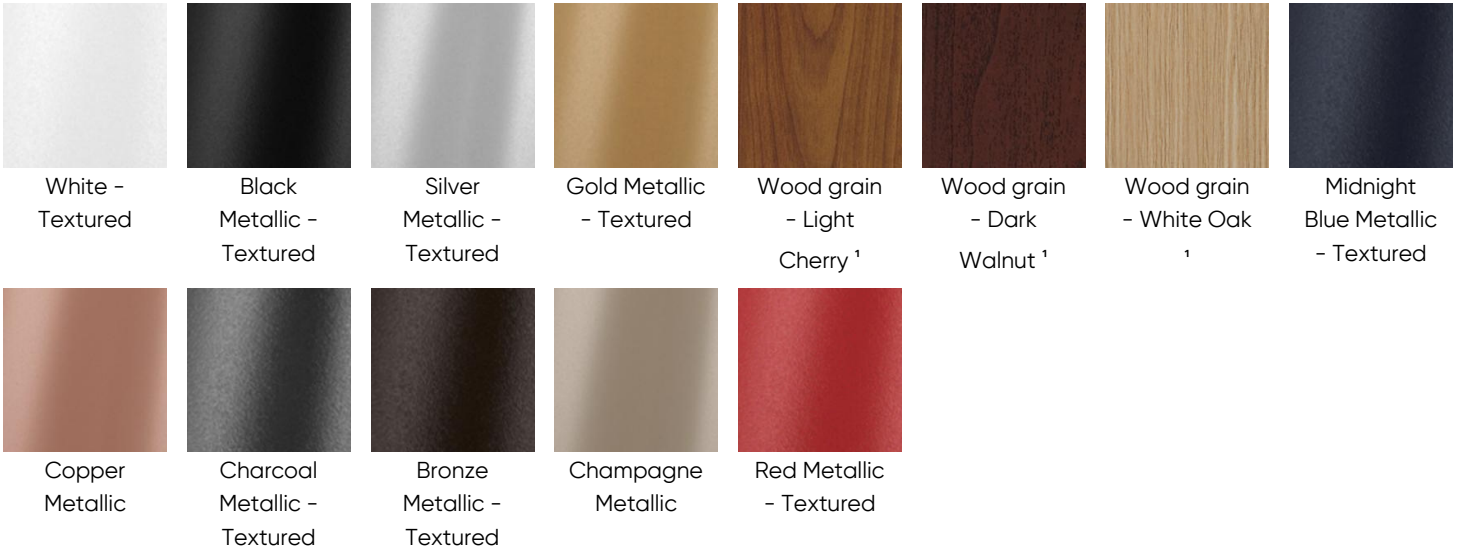
US Pat. No. D967,491 US Pat. No. D969,389

SUSTAINABILITY

Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

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

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 15.3 linear meters.	LENGTH OF RUN Order in 609.6mm increments starting at 1219.2mm. For 152mm increments, consult factory. To derive your code, please round to the nearest mm. Examples: 1219.2mm = SFB01219, 1371.6mm = SFB01372, 1524.0mm = SFB01524 SFB _ _ _ _ _	MAX LENGTH PER SECTION SL04 1219.2mm SL06 1828.8mm SL08 2438.4mm SL10 3048mm SL12 3657.6mm You can select the preferred maximum length per segment, to account for transportation and building constraints. Example: If a 12192mm run is required and SL12 (3658mm) is selected, we would provide 4 3048mm segments. For special requirements, please contact sales@betacalco.com . * Review the Linear Length Configurations document for each length of run.	
LM/M (DIRECT) LPF020 700 lm/m LPF040 1300 lm/m LPF060 2000 lm/m LPF080 2700 lm/m LPF100 3300 lm/m LPF120 4000 lm/m LPF140 4700 lm/m	LM/M (INDIRECT) LPG000 Not required LPG020 700 lm/m LPG040 1300 lm/m LPG060 2000 lm/m LPG080 2700 lm/m LPG100 3300 lm/m LPG120 4000 lm/m LPG140 4700 lm/m LPG165 5400 lm/m	CRI CR80 CRI 80+ CR90 CRI 90+	CCT – DIRECT CTA27 2700K CTA30 3000K CTA35 3500K CTA40 4000K CTA60 Tunable White ¹ ¹ Consult factory.
CCT – INDIRECT CTB00 Not required CTB27 2700K CTB30 3000K CTB35 3500K CTB40 4000K CTB60 Tunable White ¹ ¹ Consult factory.	DIRECT LENS DD2 Batwing DD4 Comfort	INDIRECT LENS UD0 Not required UD1 Batwing UD3 Asymmetric ¹ ¹ Available up to 4000 lms/m.	UPLIGHT BLACKOUT PLATE UB00 Not required UB_ _ Blackout plate ¹ ¹ Available on a 304.8mm basis. May be required to prevent lighting up duct work in a loft type application.
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.	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 DA45 PoE ² ¹ Not available with V3. ² Only available with V4. Not available with RGBW.	CEILING TYPE G1 Grid ceiling ¹ H1 Hard ceiling ² ¹ Combo kit includes installation to T-bar and through tile mount. ² Designed for drywall ceilings.	SUSPENSION HLA03 914mm cable suspension HLA06 1829mm cable suspension HLA09 2743mm cable suspension Special order available on lengths over 3048mm and may be subject to longer lead times, consult factory.

FIXTURE FINISH	CANOPY FINISH	EMERGENCY	CIRCUITS
FA01 White – Textured 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.	CF01 White – Textured 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	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.	CS1 Single circuit CS2 Dual circuit ¹ CS4 Emergency generated circuit ¹ ¹ Only required if ordering Emergency system.
SENSORS			
This product can be configured for integration with luminaire-level lighting controls. Contact the factory for available options and project-specific requirements.			

7 TECHNICAL DATA

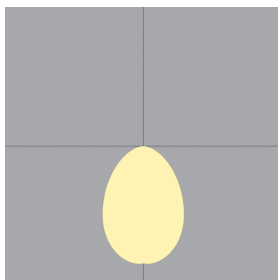
LUMINAIRE

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 15.3 linear meters.

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

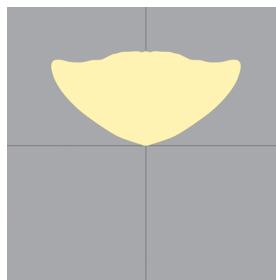
8 PERFORMANCE DATA

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

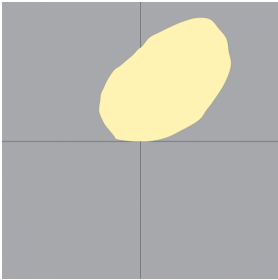
INDIRECT BATWING (UD1)



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

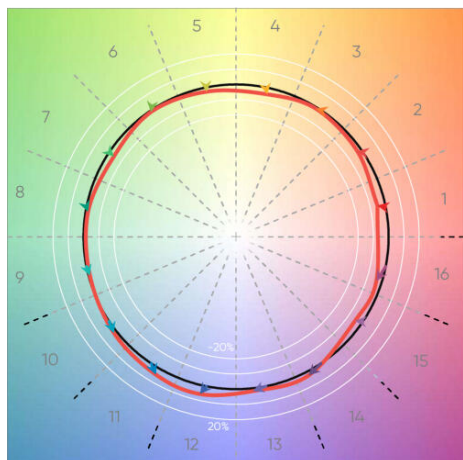
INDIRECT ASYMMETRIC

(UD3)

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

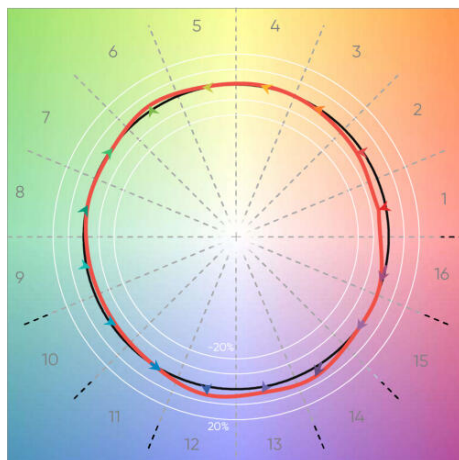
9 TM-30 DATA

CCT 2700K



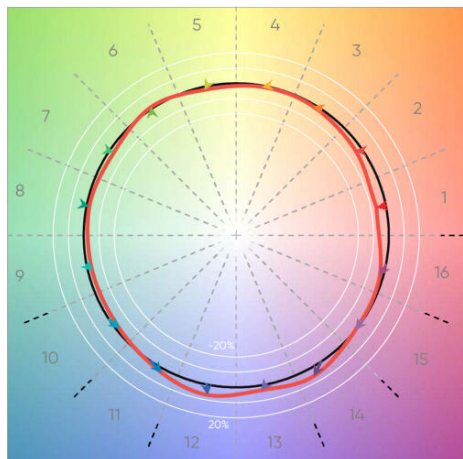
CRI (Ra)	93
CRI (R9)	61
TM30 Rf	91
TM30 Rg	98
Duv	-0.0022

CCT 3000K



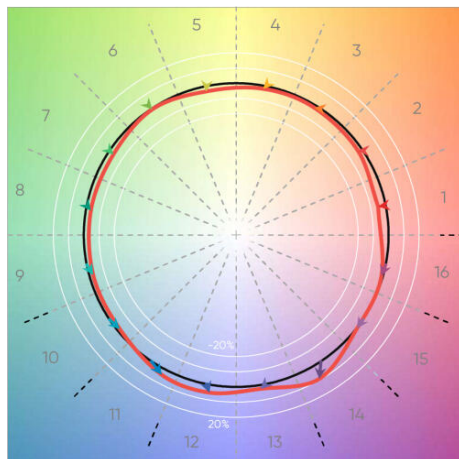
CRI (Ra)	92
CRI (R9)	58
TM30 Rf	92
TM30 Rg	100
Duv	-0.0003

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

