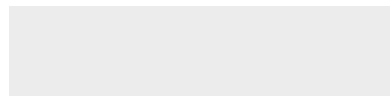
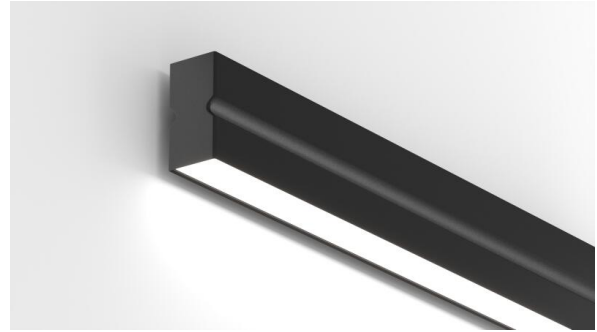


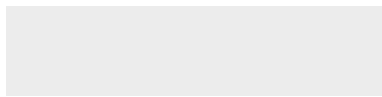


FLUTE™

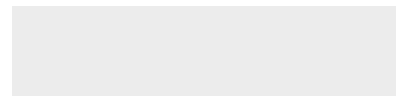
FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

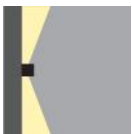


QUANTITIES

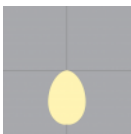
1 DESCRIPTION

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.

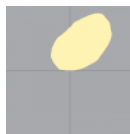
2 OPTICS & FEATURES



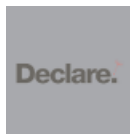
Wall -
Direct/Indirect



Direct DD4



Indirect UD3



Declare



PoE



Tunable White

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.

SUSTAINABILITY

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

FINISH

Powder coated.

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.

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

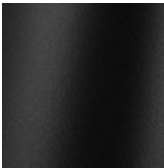
US Pat. No. D967,491 US Pat. No. D969,389

5
DESIGN OPTIONS

FIXTURE FINISH



White -
Textured



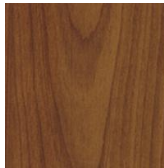
Black
Metallic -
Textured



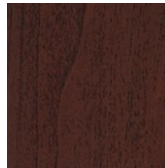
Silver
Metallic -
Textured



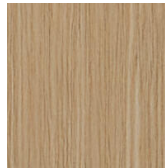
Gold Metallic
- Textured



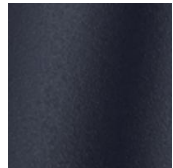
Wood grain
- Light
Cherry ¹



Wood grain
- Dark
Walnut ¹



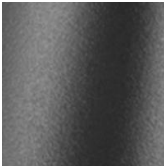
Wood grain
- White Oak
¹



Midnight
Blue Metallic
- Textured



Copper
Metallic



Charcoal
Metallic -
Textured



Bronze
Metallic -
Textured



Champagne
Metallic



Red Metallic
- Textured

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

6
HOW TO ORDER

LUMINAIRE FLUWIW 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.	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_ _ _ _	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.	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
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	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 DD4 Comfort	INDIRECT LENS UD0 Not required UD2 Diffused UD3 Asymmetric ¹ ¹ Available up to 1200 lms/ft. The asymmetric distribution will be directed away from the wall.	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.	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.	FIXTURE FINISH 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.	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.	CIRCUITS 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

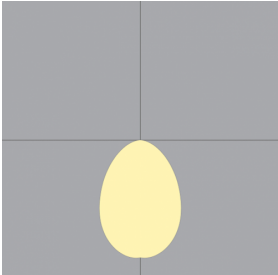
LUMINAIRE

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 50 linear feet.

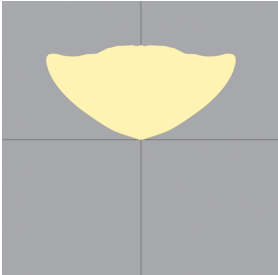
Code	FLUW1W	FLUW2W
Light Direction	Direct	Direct/Indirect
Lms/Ft Direct	1400	1400
Lms/ft Indirect		1650
Watts/Ft Direct	13	13
Watts/Ft Indirect		13
LPW Direct	133	133
LPW Indirect		168

8 PERFORMANCE DATA

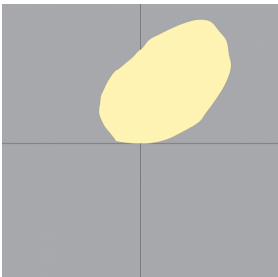
**DIRECT COMFORT DIFFUSER
(WITH SIDE REVEAL) (DD4)**

	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)

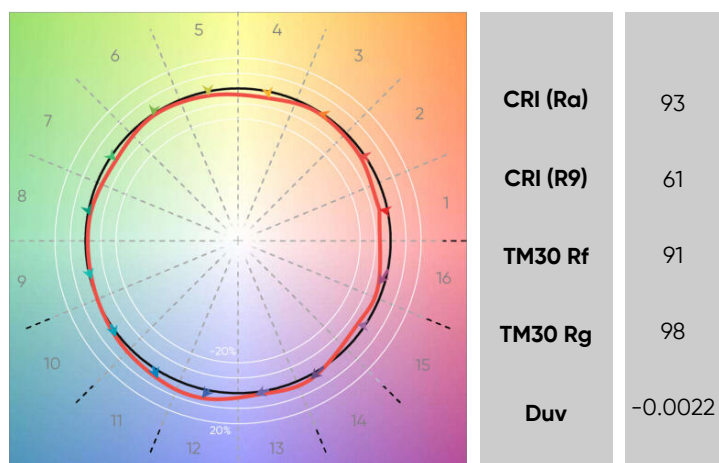
	LUMEN/FT	WATT/FT	LPW
	1650	13	134
	1400	11	138
	1000	9	142
	800	7	146
	600	6	150
	400	4	155
	200	3	161
		1	168

**INDIRECT ASYMMETRIC
(UD3)**

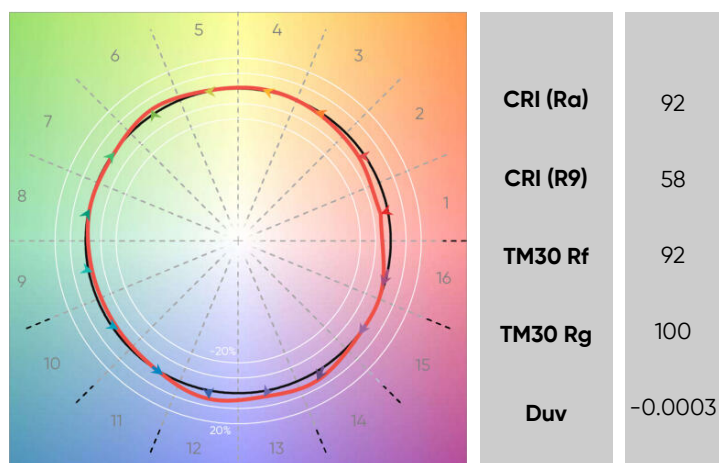
	LUMEN/FT	WATT/FT	LPW
	1200	13	97
	1000	10	100
	800	9	102
	600	6	107
	400	4	109
	200	2	112

9 TM-30 DATA

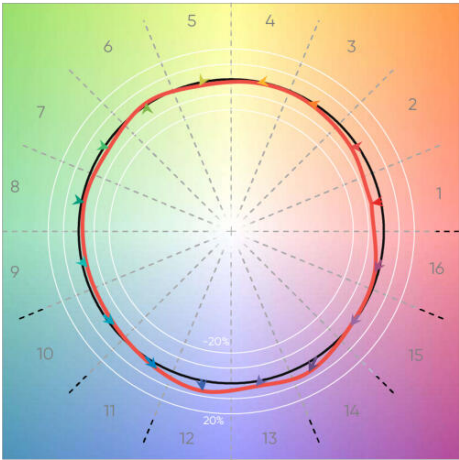
CCT 2700K



CCT 3000K

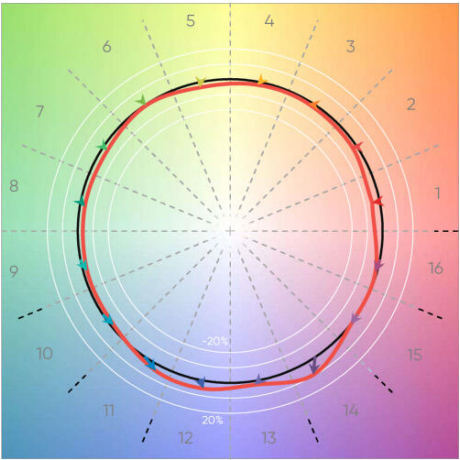


CCT 3500K



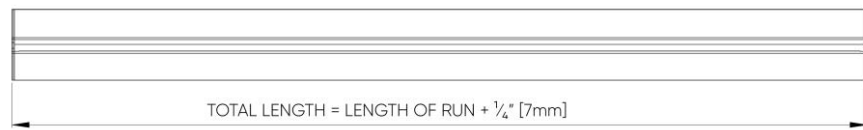
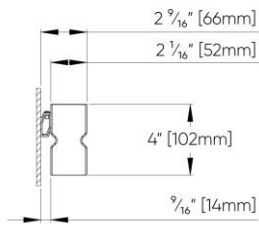
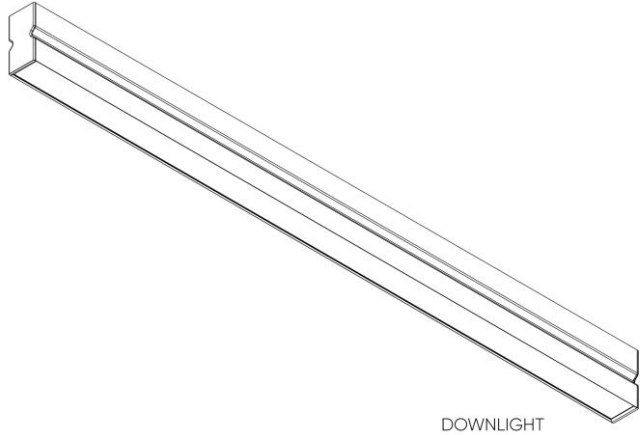
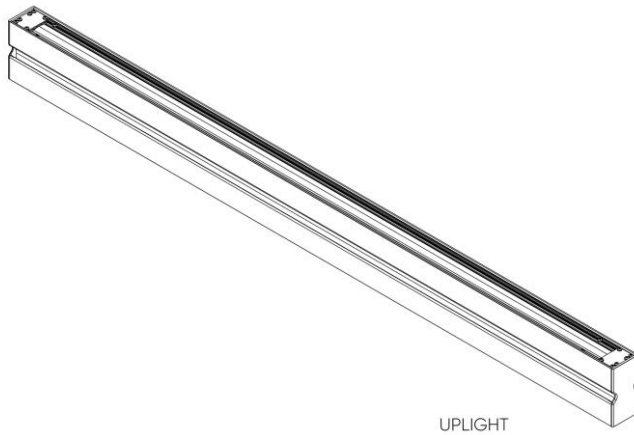
CRI (Ra)	91
CRI (R9)	53
TM30 Rf	90
TM30 Rg	99
Duv	-0.0007

CCT 4000K



CRI (Ra)	93
CRI (R9)	64
TM30 Rf	90
TM30 Rg	98
Duv	0.0000

Isometric Views



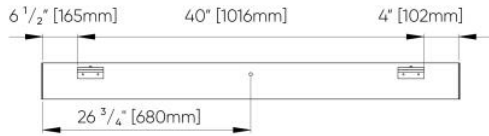
TOP VIEW [UPLIGHT]



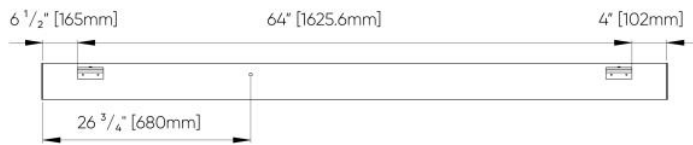
BOTTOM VIEW [DOWNLIGHT]

WALL MOUNT CONFIGURATIONS

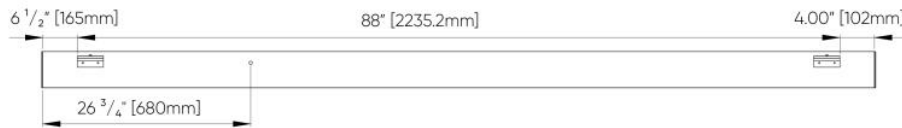
4FT



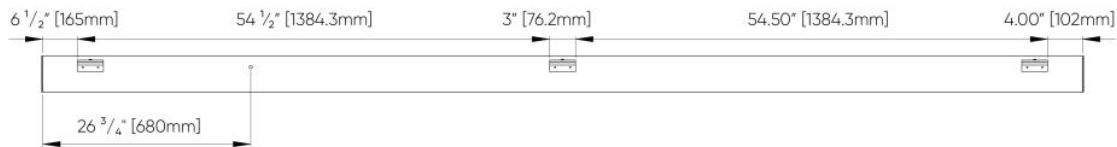
6FT



8FT



10FT



12FT

