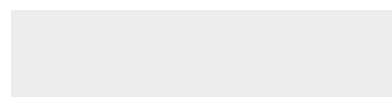
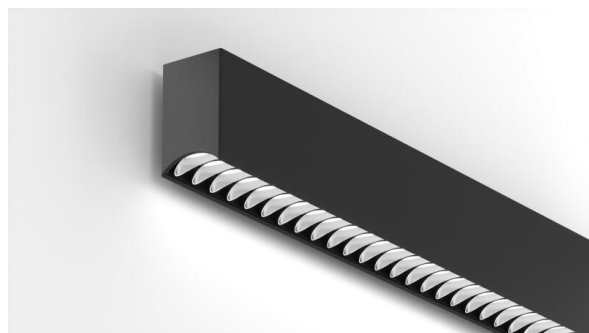


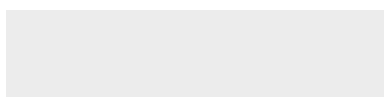


OOOOH™

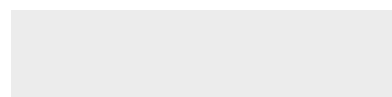
FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE



QUANTITIES

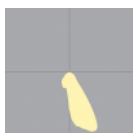
1 DESCRIPTION

OOOOH dazzles up traditional linear lighting concepts with an innovative louver system. An array of ellipses is incurved to conform to a tunnel-shaped profile creating a subtle aesthetic and sublime lighting effect. The louver system not only tempers the starkness of the commonly exposed diffuser and adds an enchanting decorative feature, but also offers visual comfort by minimizing glare. The injection-molded louvers come in 5 finishes: Black for the highest glare control, White for higher reflectance and performance, and for an interior design enhancement, satinized finishes Satin Chrome, Satin Gold, and Satin Champagne. **OOOOH** presents a simple way to transform a functional light into a luxurious design feature.

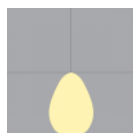
2 OPTICS & FEATURES



Wall -
Direct/Indirect



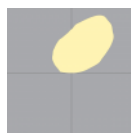
Direct DD1



Direct DD4



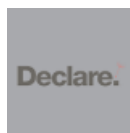
Indirect UD2



Indirect UD3



Bios



Declare



PoE



Tunable White

3 APPROVALS



4 GENERAL SPECIFICATION

BODY

Aluminum.

FINISH

Powder coated.

LENS

Opal acrylic. 2.4" width.

POE

Can be integrated into your data network via Power over Ethernet (PoE) connectivity.

DRIVERS

HPF electronic drivers for 120-277V, 347V (EU-240V). The driver is integral to the fixture housing.

INTEGRAL EMERGENCY SYSTEM

Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The self contained system includes the inverter module, NiCad batteries, LED charge indicator and test switch (NA only). Not available with a 347V supply.

FIXTURE LENGTHS

Available in 1" increments. Contact the factory for details.

ESTIMATED L70 @25°C (77°F)

> 165,000 hrs @ 2000 lumens/ft (6000 lumens/m)

RGBW

RGBW available, consult factory.

DESIGNED BY

Serge Cornelissen.

SUSTAINABILITY

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

MECHANICAL

Luminaires mount directly over J box (by others).

BIOS

For circadian lighting, consult factory.

DELIVERED LUMENS

Delivered lumens & LPW based on 4000K CRI 80+

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.

REPORTED L70 @25°C (77°F)

> 60,000 hrs @ 2000 lumens/ft (6000 lumens/m)

TUNABLE WHITE

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

APPROVALS

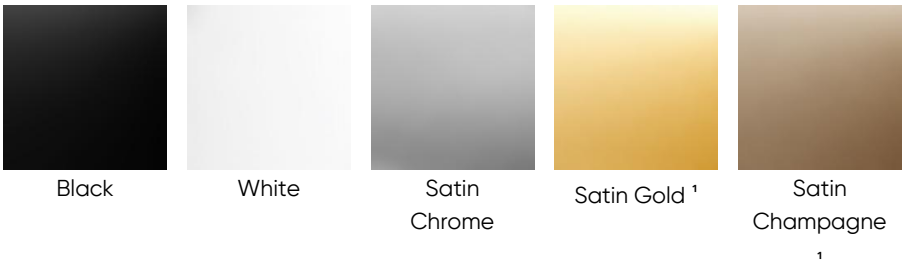
Damp Rated.

DESIGN

US Pat. No. D969,395.

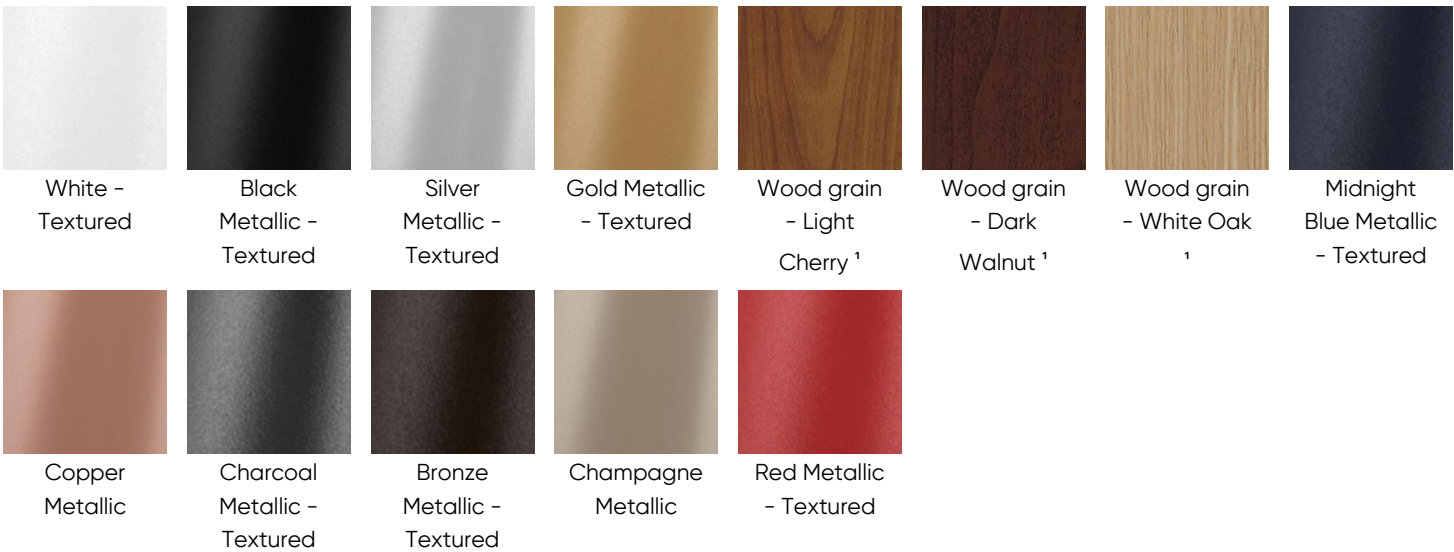
5 DESIGN OPTIONS

LOUVER



¹ There will be a slight color cast on the wall when using the Satin Gold or Satin Champagne louvers.

FINISH



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

6 HOW TO ORDER

LUMINAIRE HLNW1W Direct HLNW2W Direct/Indirect 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.	LOUVER LV2 Black LV3 White LV4 Satin Chrome LV6 Satin Gold ¹ LV9 Satin Champagne ¹ ¹ There will be a slight color cast on the wall when using the Satin Gold or Satin Champagne louvers.
LM/M (DIRECT) LPG020 700 lm/m LPG030 1000 lm/m LPG040 1300 lm/m LPG050 1650 lm/m LPG060 2000 lm/m LPG070 2300 lm/m LPG080 2700 lm/m LPG100 3300 lm/m LPG120 4000 lm/m LPG130 4300 lm/m Lumens/m are determined by the color of the Louver. Consult website for available lumens/m based on selected louver.	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 Consult website for available lumens/m based on selected louver.	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 DD1 Asymmetric DD4 Comfort	INDIRECT LENS UD0 Not required UD2 Opal UD3 Asymmetric ¹ ¹ Available up to 4000 lm/m. 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 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 Not available in North America. ² Only available with DA01 dimming. ³ Only available with DA45 dimming.	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.	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 generator circuit ¹ ¹ A drawing will be required at 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	SENSORS This product can be configured for integration with luminaire-level lighting controls. Contact the factory for available options and project-specific requirements.
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7

TECHNICAL DATA

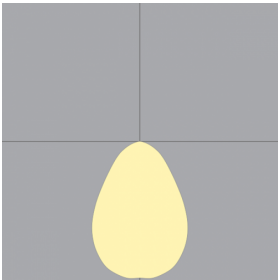
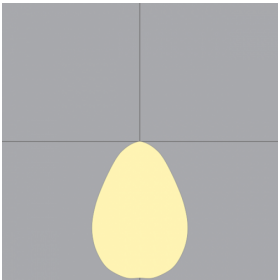
LUMINAIRE

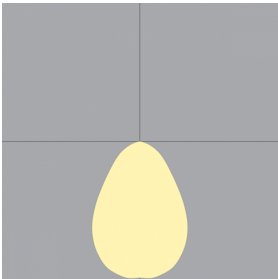
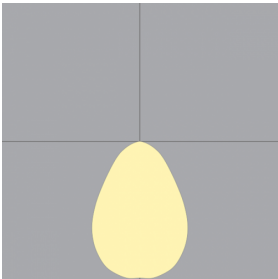
One power cord for every 15.3 linear meters.

Code	HLNW1W	HLNW2W
Light Direction		

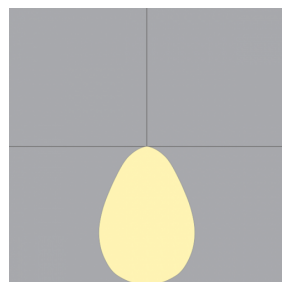
8

PERFORMANCE DATA

DIRECT COMFORT (DD4) – WHITE LOUVER	LUMEN/FT	WATT/FT	LPW	DIRECT COMFORT (DD4) – BLACK LOUVER	LUMEN/FT	WATT/FT	LPW
	1300	13	106		700	13	57
	1200	11	108		600	11	58
	1000	9	110		500	9	59
	800	7	114		400	7	61
	700	6	115		300	5	63
	600	5	117		200	3	65
	500	4	119				
	400	3	121				
	300	3	126				
	200	2	128				

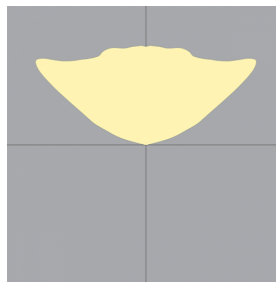
DIRECT COMFORT (DD4) – SATIN CHROME LOUVER	LUMEN/FT	WATT/FT	LPW	DIRECT COMFORT (DD4) – SATIN GOLD LOUVER	LUMEN/FT	WATT/FT	LPW
	1000	13	84		1000	13	82
	800	9	87		800	9	85
	700	9	89		700	9	87
	600	7	90		600	7	88
	500	5	93		500	5	91
	400	4	95		400	4	93
	300	3	95		300	3	93
	200	2	98		200	2	96

DIRECT COMFORT (DD4) - SATIN CHAMPAIGN LOUVER



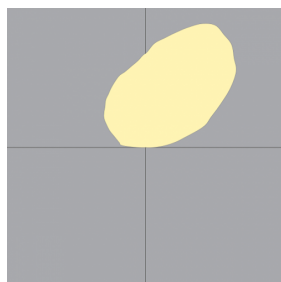
LUMEN/FT	WATT/FT	LPW
1000	13	84
800	9	87
700	9	89
600	7	90
500	5	93
400	4	95
300	3	95
200	2	98

INDIRECT BATWING (UD1)



LUMEN/FT	WATT/FT	LPW
1600	13	133
1400	10	138
1200	9	142
1000	7	245
800	6	247
600	4	151
400	3	154
200	1	154

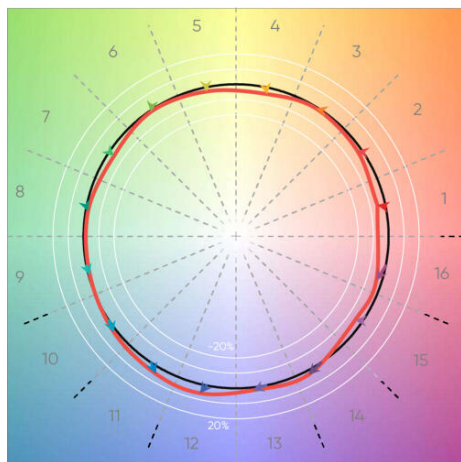
INDIRECT ASYMMETRIC (UD3)



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

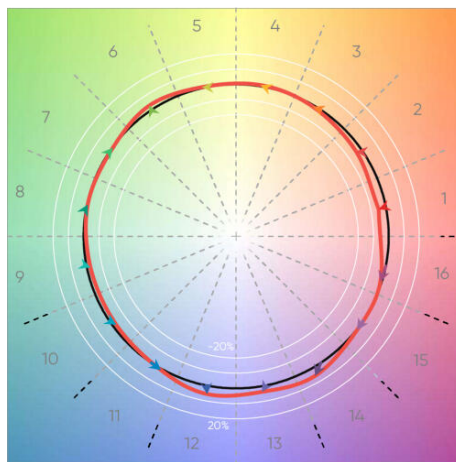
9 TM-30 DATA

CCT 2700K



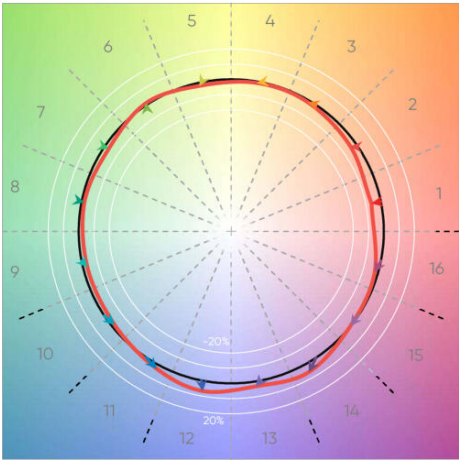
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



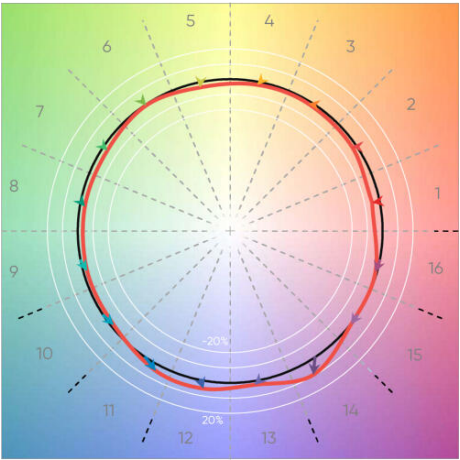
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



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

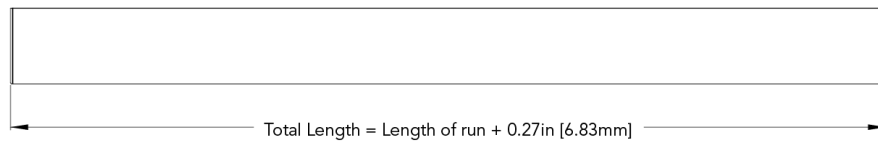
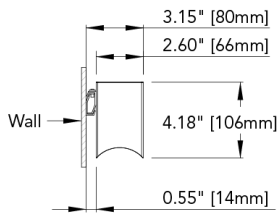
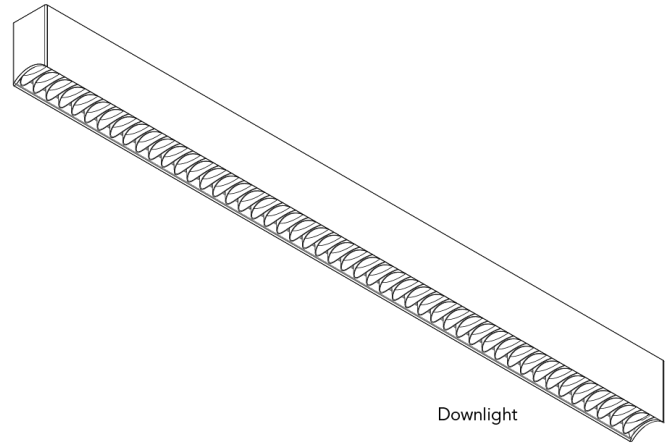
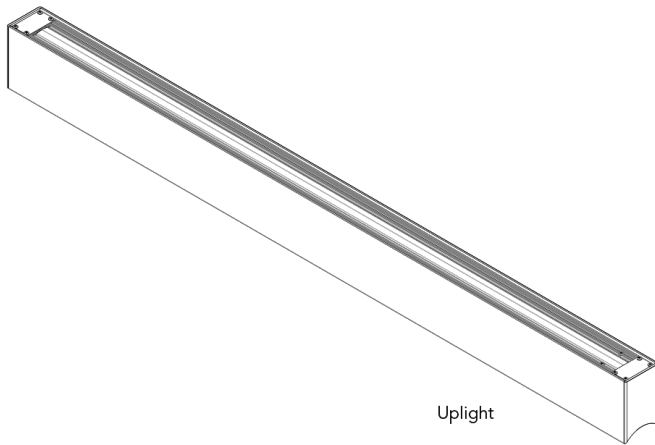
CCT 4000K



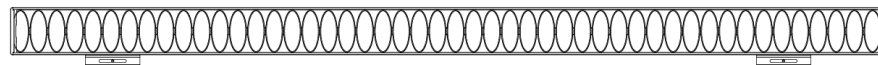
CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

10 DIMENSIONAL DIAGRAMS

Isometric Views



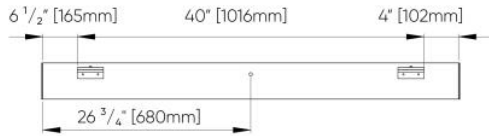
Top View [Uplight]



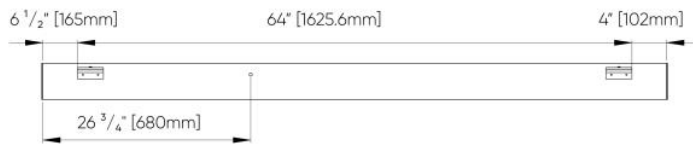
Bottom View [Downlight]

WALL MOUNT CONFIGURATIONS

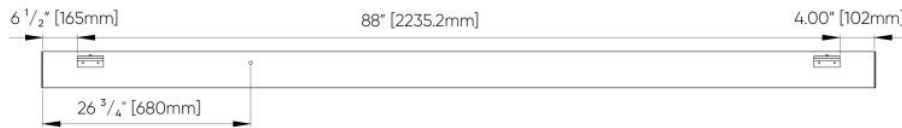
4FT



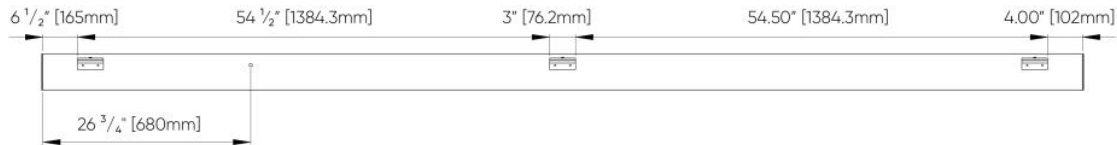
6FT



8FT



10FT



12FT

