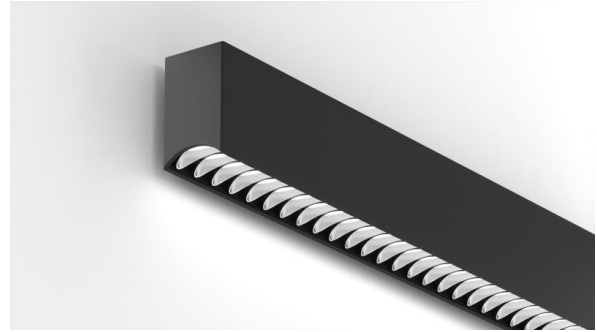




OOOOH™

FULL SPECIFICATION SHEET



Fixture Type

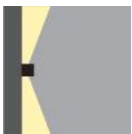
Fixture Code

Quantities

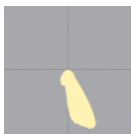
1 DESCRIPTION

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.

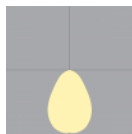
2 OPTICS & FEATURES



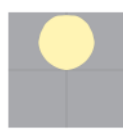
Wall -
Direct/Indirect



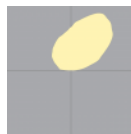
Direct DD1



Direct DD4



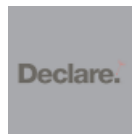
Indirect UD2



Indirect UD3



Bios



Declare



PoE

3 APPROVALS



DAMP
LOCATION



IP20

4 GENERAL SPECIFICATION

BODY

Aluminum.

DIFFUSER

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.

FINISH

Powder coated.

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+

SENSORS

Compatible with Avi-On, Casambi, Enlighted, Lutron Vive, nLight, NX Lighting Controls, Osram, Philips, and others. Consult factory.

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

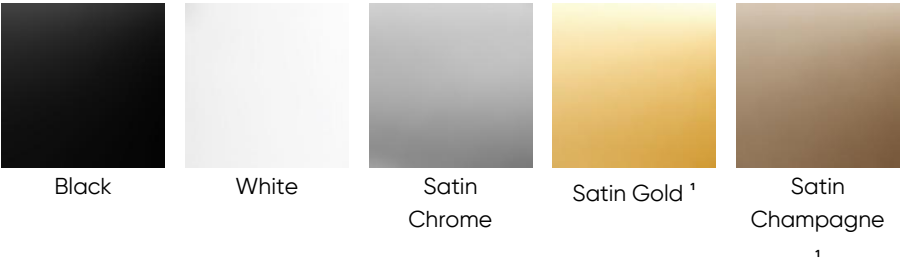
Damp Rated.

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 Longer than normal lead times may apply, consult factory.

6 HOW TO ORDER

1. LUMINAIRE

HLNW1W Direct

HLNW2W Direct/Indirect

One power cord for every 50 linear feet.

2. LENGTH OF RUN

The minimum length of order is 4ft. Lengths are 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_ _ _ _

The minimum length of order is 4ft. Lengths are 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. 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.

5. LM/FT (DIRECT)

LPF020 200 lm/ft	LPF030 300 lm/ft	LPF040 400 lm/ft	LPF050 500 lm/ft
LPF060 600 lm/ft	LPF070 700 lm/ft	LPF080 800 lm/ft	LPF100 1000 lm/ft
LPF120 1200 lm/ft	LPF130 1300 lm/ft		

Lumens/ft are determined by the color of the Louver. Consult website for available lumens/ft based on selected louver.

6. 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			

Consult website for available lumens/ft based on selected louver.

7. CRI

CR80 CRI 80+	CR90 CRI 90+
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8. CCT DIRECT

CTA27 2700K	CTA30 3000K	CTA35 3500K	CTA40 4000K
--------------------	--------------------	--------------------	--------------------

9. CCT INDIRECT

CTB00 Not required	CTB27 2700K	CTB30 3000K	CTB35 3500K
CTB40 4000K			

10. DIRECT DIFFUSER

DD1 Asymmetric diffuser	DD4 Comfort Diffuser
--------------------------------	-----------------------------

11. UPLIGHT DIFFUSER

UD0 Not required	UD2 Opal diffuser	UD3 Asymmetric diffuser ¹
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¹ Available up to 1200 lm/ft. The asymmetric distribution will be directed away from the wall.

12. 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.

13. 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.

14. 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.

15. 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 **FA44** Midnight Blue Metallic – Textured

FA45 Copper Metallic

FA46 Charcoal Metallic – Textured

FA47 Bronze Metallic – Textured

FA52 Champagne Metallic

FA53 Red Metallic – Textured

¹ Longer than normal lead times may apply, consult factory.

16. 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.

17. CIRCUITS

CS1 Single circuit

CS2 Dual circuit ¹

18. SENSORS

Compatible with Avi-On, Casambi, Enlighted, Lutron Vive, nLight, NX Lighting Controls, Osram, Philips, and others. Consult factory.

7

TECHNICAL DATA

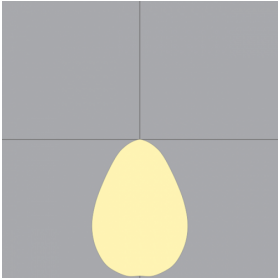
LUMINAIRE

One power cord for every 50 linear feet.

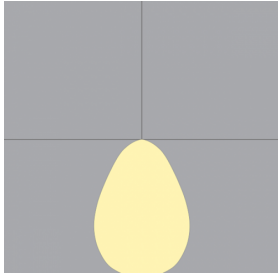
Code	HLNW1W	HLNW2W
Light Direction		

8 PERFORMANCE DATA

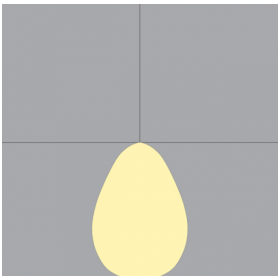
**DIRECT COMFORT (DD4) -
WHITE LOUVER**

	LUMEN/FT	WATT/FT	LPW
	1300	13	106
	1200	11	108
	1000	9	110
	800	7	114
	700	6	115
	600	5	117
	500	4	119
	400	3	121
	300	3	126
	200	2	128

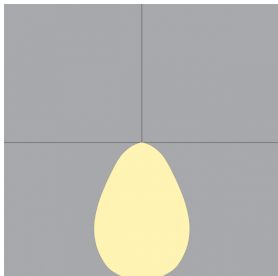
**DIRECT COMFORT (DD4) -
BLACK LOUVER**

	LUMEN/FT	WATT/FT	LPW
	700	13	57
	600	11	58
	500	9	59
	400	7	61
	300	5	63
	200	3	65

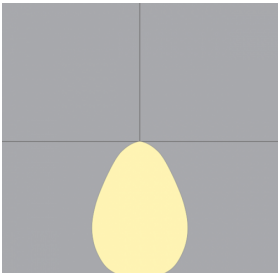
**DIRECT COMFORT (DD4) -
SATIN CHROME LOUVER**

	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

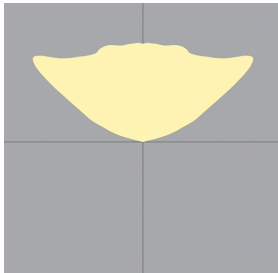
**DIRECT COMFORT (DD4) -
SATIN GOLD LOUVER**

	LUMEN/FT	WATT/FT	LPW
	1000	13	82
	800	9	85
	700	9	87
	600	7	88
	500	5	91
	400	4	93
	300	3	93
	200	2	96

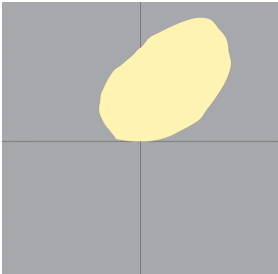
**DIRECT COMFORT (DD4) -
SATIN CHAMPAIGN LOUVER**

	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

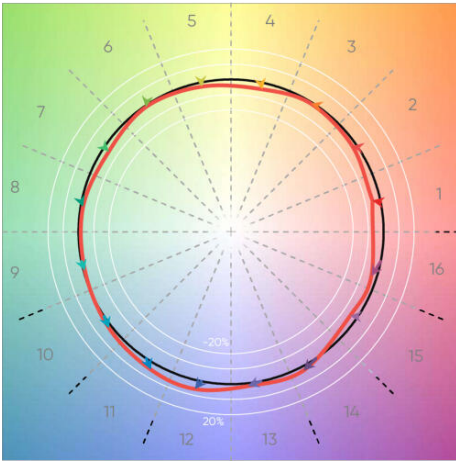
INDIRECT BATWING (UD1)

	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)**

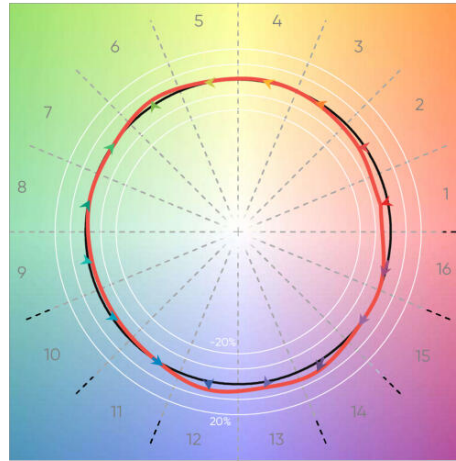
	LUMEN/FT	WATT/FT	LPW
	1200	13	97
	1000	10	100
	800	9	102
	600	6	107
	400	4	107
	200	2	109
			112

CCT 2700K



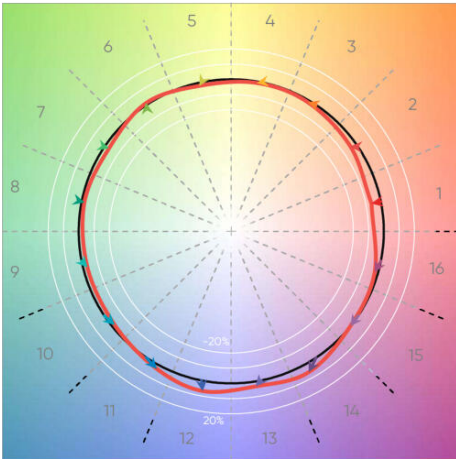
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



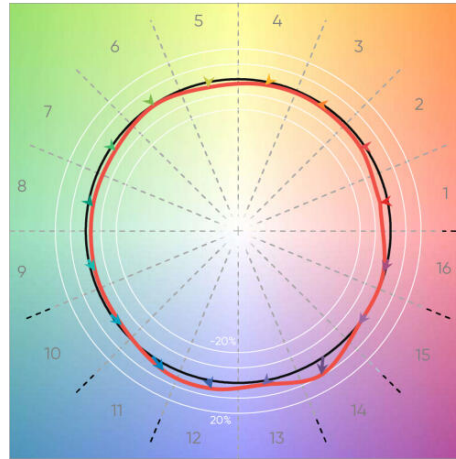
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



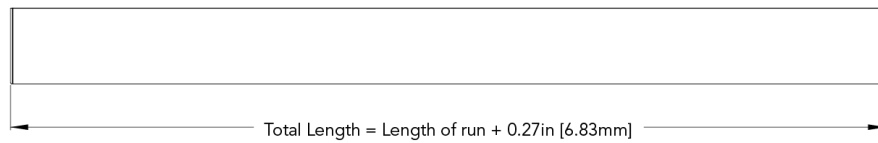
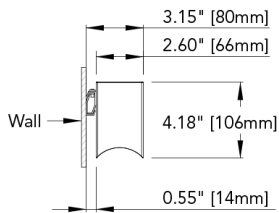
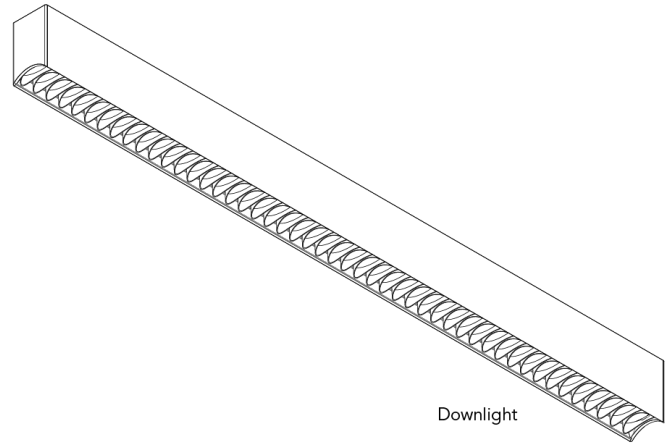
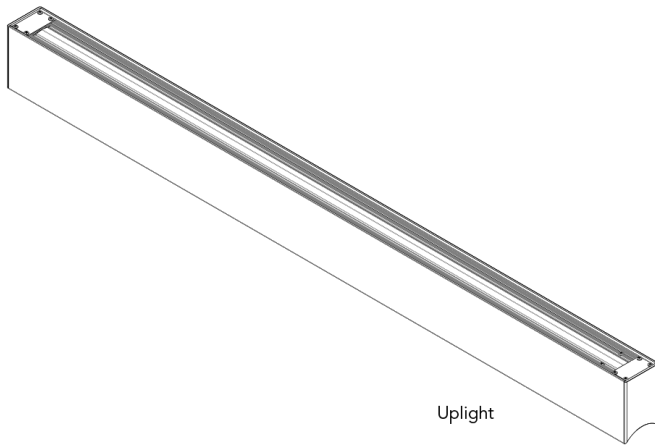
CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

CCT 4000K

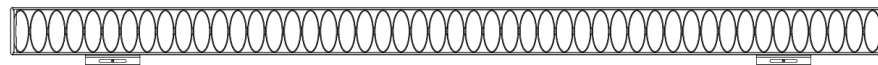


CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

Isometric Views



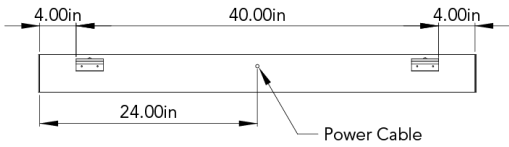
Top View [Uplight]



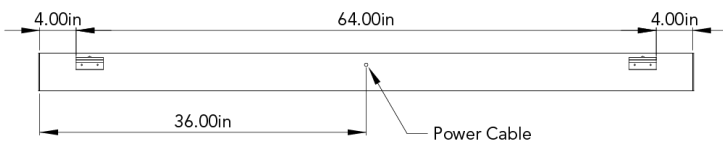
Bottom View [Downlight]

Wall Mount Configurations

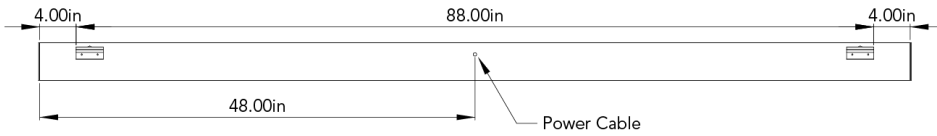
4FT



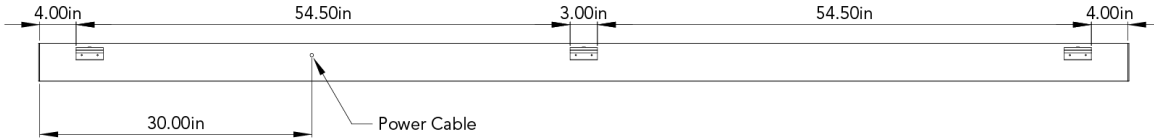
6FT



8FT



10FT



12FT

