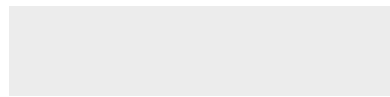
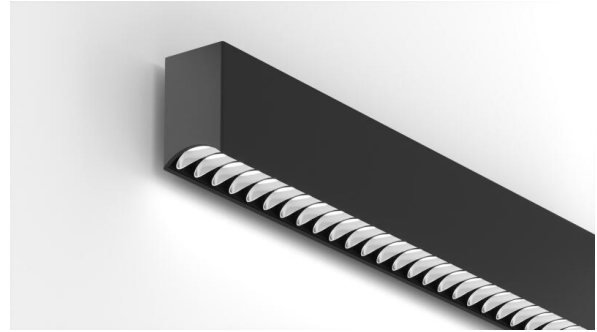


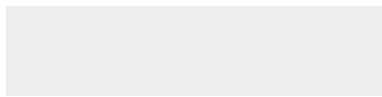


OOOOH™

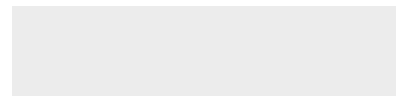
FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

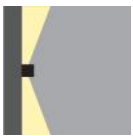


QUANTITIES

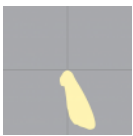
1 DESCRIPTION

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.

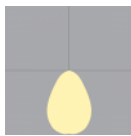
2 OPTICS & FEATURES



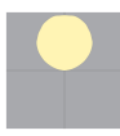
Wall -
Direct/Indirect



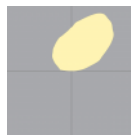
Direct DD1



Direct DD4



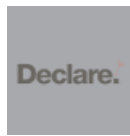
Indirect UD2



Indirect UD3



Bios



Declare



PoE



Tunable White

3 APPROVALS



DAMP
LOCATION



IP20

4 GENERAL SPECIFICATION

BODY

Aluminum.

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.

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

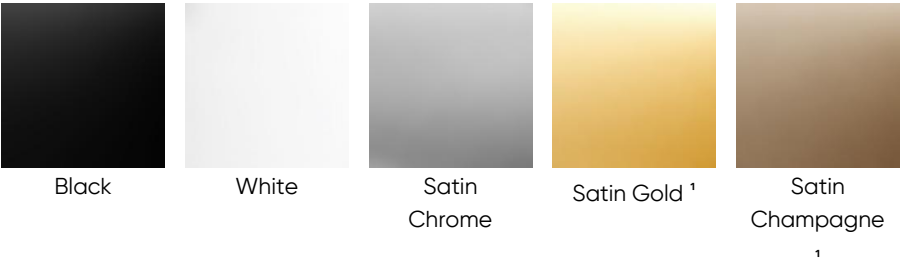
Damp Rated.

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

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+ |
|---------------------|---------------------|

8. CCT DIRECT

| | | | |
|---|--------------------|--------------------|--------------------|
| CTA27 2700K | CTA30 3000K | CTA35 3500K | CTA40 4000K |
| CTA60 Tunable White ¹ | | | |

¹ Consult factory.

9. CCT INDIRECT

| | | | |
|---------------------------|---|--------------------|--------------------|
| CTB00 Not required | CTB27 2700K | CTB30 3000K | CTB35 3500K |
| CTB40 4000K | CTB60 Tunable White ¹ | | |

¹ Consult factory.

10. DIRECT LENS

| | |
|-----------------------|--------------------|
| DD1 Asymmetric | DD4 Comfort |
|-----------------------|--------------------|

11. INDIRECT LENS

| | | |
|-------------------------|-----------------|------------------------------------|
| UD0 Not required | UD2 Opal | UD3 Asymmetric ¹ |
|-------------------------|-----------------|------------------------------------|

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 **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.

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

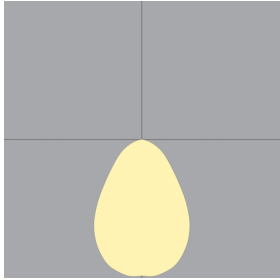
LUMINAIRE

One power cord for every 50 linear feet.

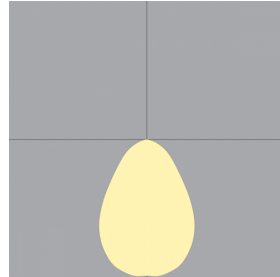
| Code | HLNW1W | HLNW2W |
|-----------------|--------|--------|
| Light Direction | | |

8 PERFORMANCE DATA

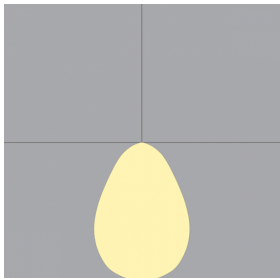
**DIRECT COMFORT (DD4) -
WHITE LOUVER**

| | 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 |

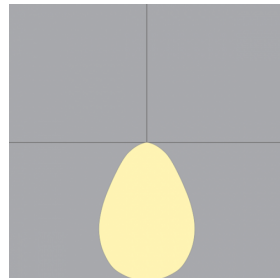
**DIRECT COMFORT (DD4) -
BLACK LOUVER**

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

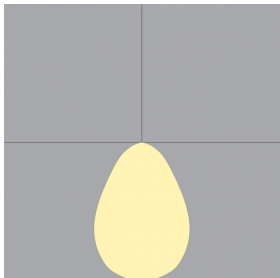
**DIRECT COMFORT (DD4) -
SATIN CHROME LOUVER**

| | 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 |

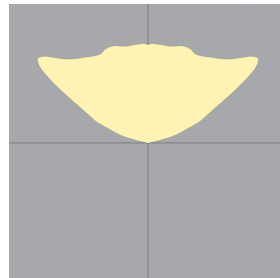
**DIRECT COMFORT (DD4) -
SATIN GOLD LOUVER**

| | 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 |

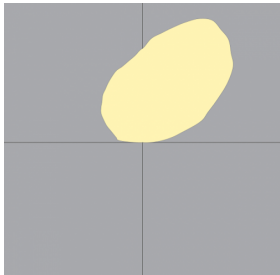
**DIRECT COMFORT (DD4) -
SATIN CHAMPAIGN LOUVER**

| | 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)

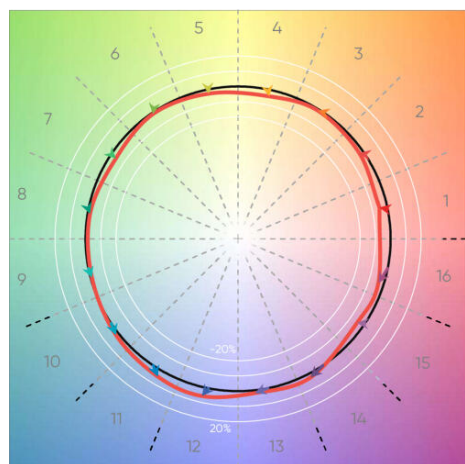
| | LUMEN/FT | WATT/FT | LPW |
|--|----------|---------|-----|
|  | 1600 | 13 | 133 |
| | 1400 | 10 | 138 |
| | 1200 | 9 | 142 |
| | 1000 | 7 | 245 |
| | 800 | 6 | 247 |
| | 600 | 4 | 151 |
| | 400 | 3 | 154 |
| | 200 | 1 | 154 |

**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 |

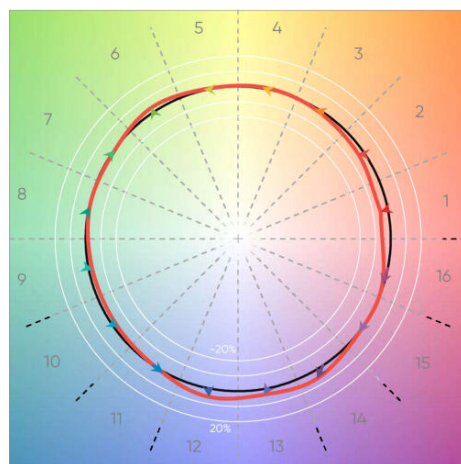
9 TM-30 DATA

CCT 2700K



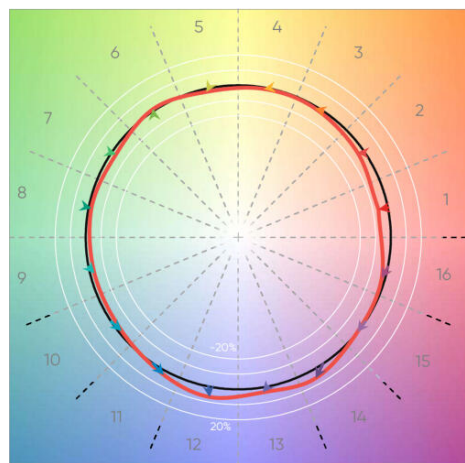
| | |
|-----------------|---------|
| CRI(Ra) | 93 |
| CRI(R9) | 61 |
| TM30(Rf) | 91 |
| TM30(Rg) | 98 |
| Duv | -0.0022 |

CCT 3000K



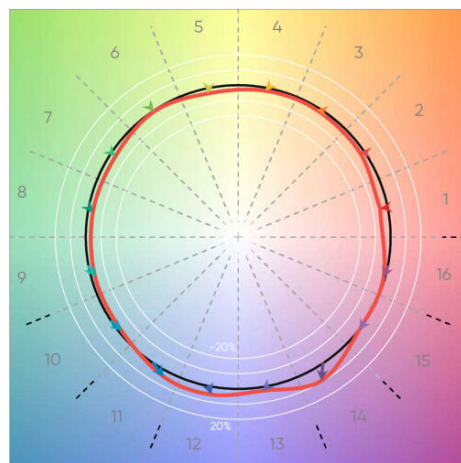
| | |
|-----------------|---------|
| CRI(Ra) | 92 |
| CRI(R9) | 58 |
| TM30(Rf) | 92 |
| TM30(Rg) | 100 |
| Duv | -0.0003 |

CCT 3500K



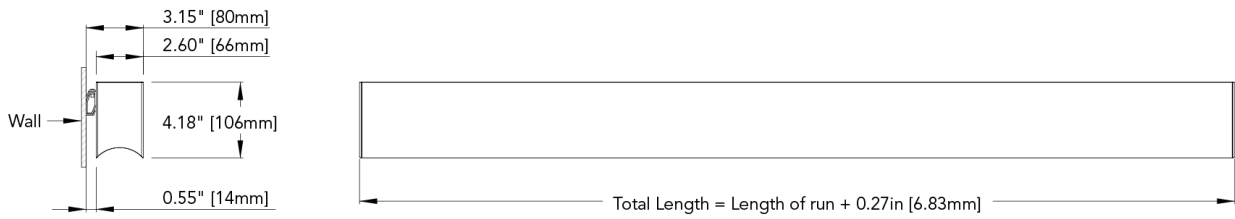
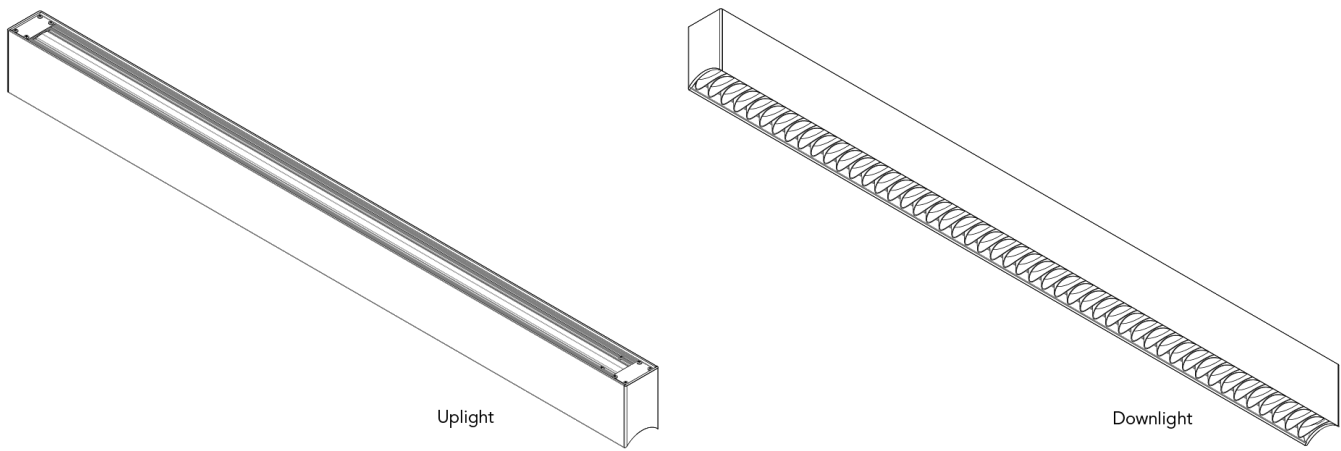
| | |
|-----------------|---------|
| CRI(Ra) | 91 |
| CRI(R9) | 53 |
| TM30(Rf) | 90 |
| TM30(Rg) | 99 |
| Duv | -0.0007 |

CCT 4000K

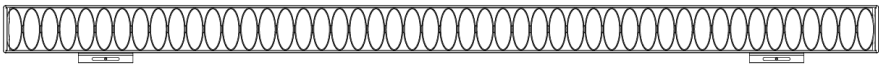


| | |
|-----------------|--------|
| CRI(Ra) | 93 |
| CRI(R9) | 64 |
| TM30(Rf) | 90 |
| TM30(Rg) | 98 |
| Duv | 0.0000 |

Isometric Views



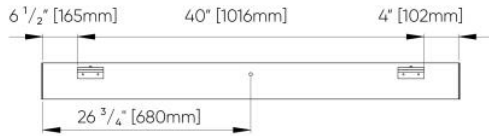
Top View [Uplight]



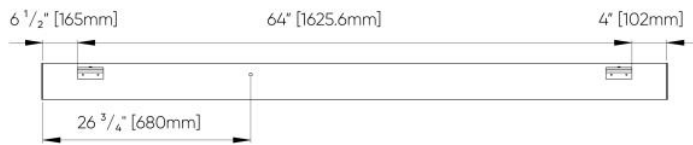
Bottom View [Downlight]

WALL MOUNT CONFIGURATIONS

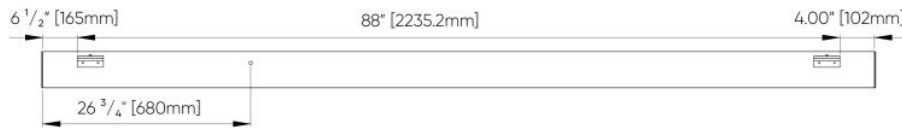
4FT



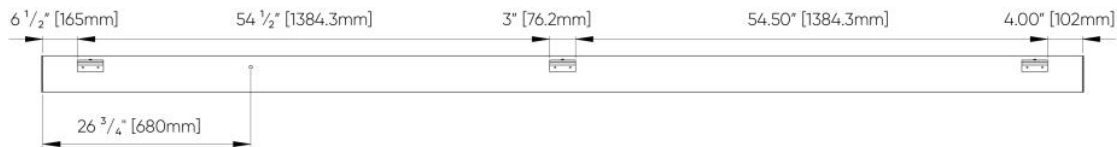
6FT



8FT



10FT



12FT

