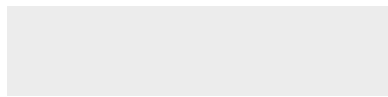
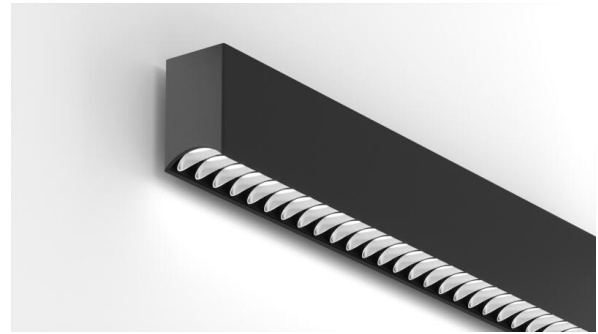


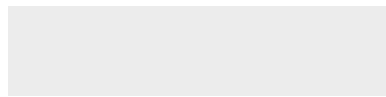


OOOOH™

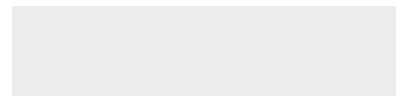
FULL SPECIFICATION SHEET



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+

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

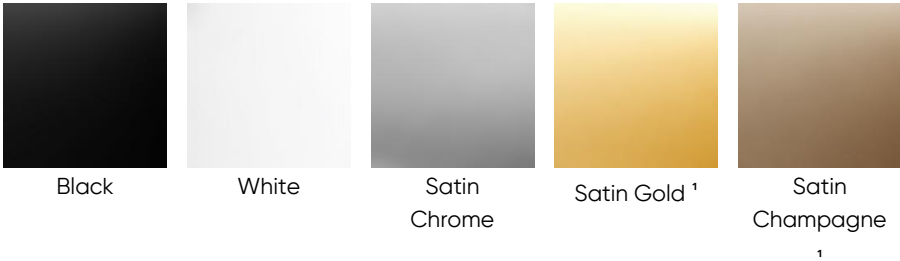
Damp Rated.

DESIGN

US Pat. No. D969,395.

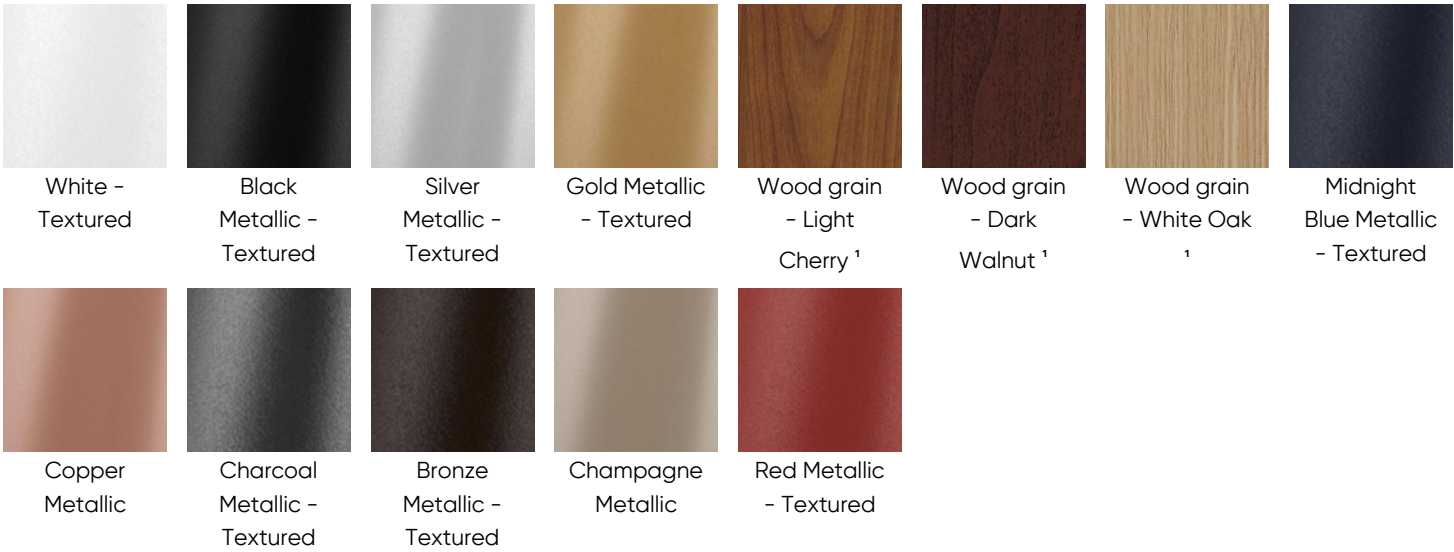
5 DESIGN OPTIONS

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 4'. Lengths are to be in 2' increments. For 6" increments, consult factory.

Example: 4' = SFA0400, 10' = SFA1000, 50' = SFA5000

For runs over 50' in length, consult factory.

SFA_ _ _ _

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
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
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11. INDIRECT LENS

UD0 Not required	UD2 Opal	UD3 Asymmetric 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
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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
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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)

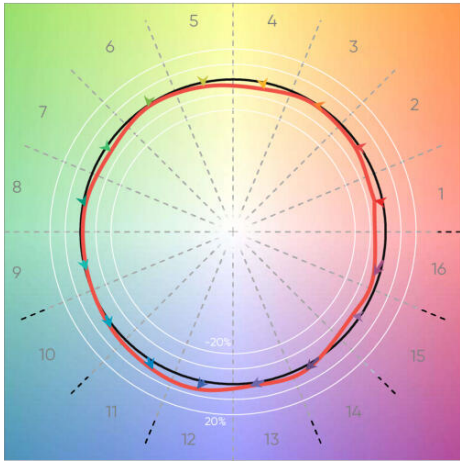
	LUMEN/FT	WATT/FT	LPW
1600	13	133	
1400	10	138	
1200	9	142	
1000	7	245	
800	6	247	
600	4	151	
400	3	154	
200	1	154	

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	

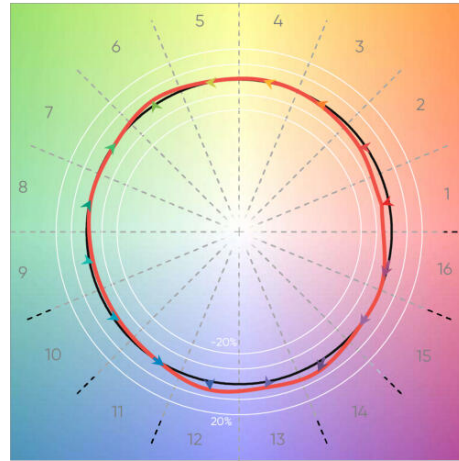
9 TM-30 DATA

CCT 2700K



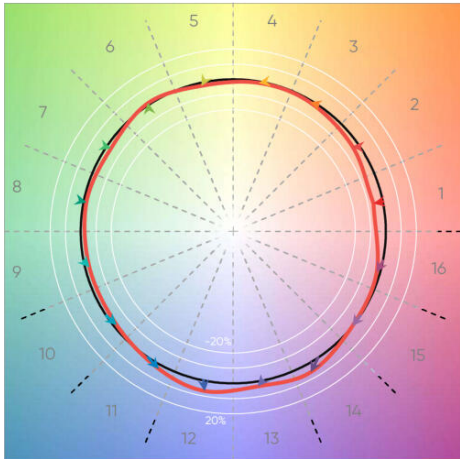
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



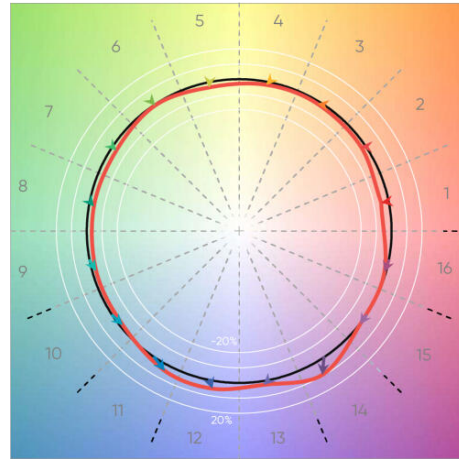
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



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

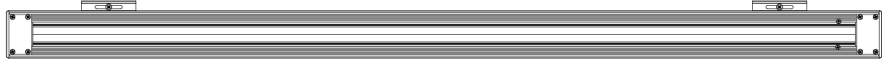
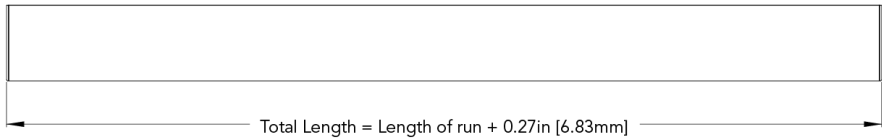
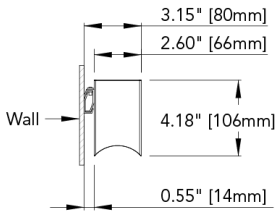
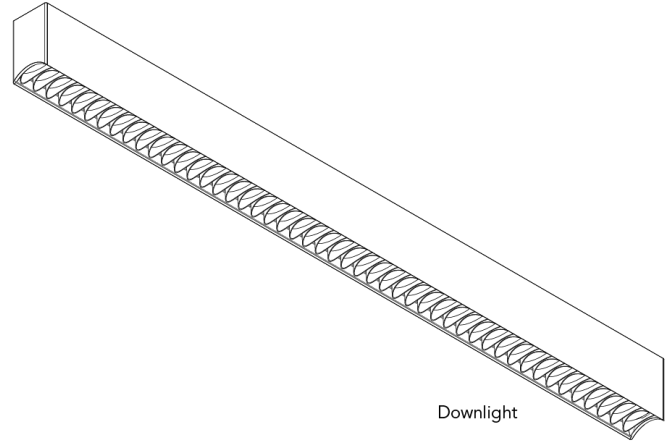
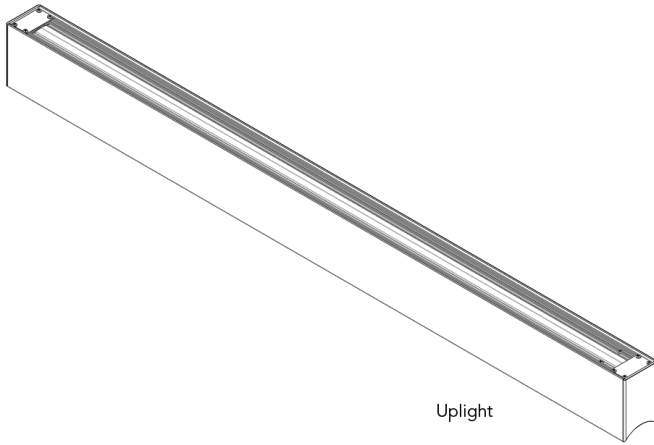
CCT 4000K



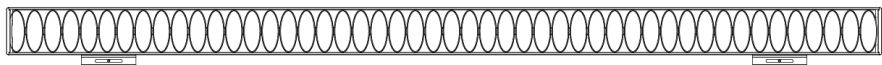
CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

10 DIMENSIONAL DIAGRAMS

Isometric Views



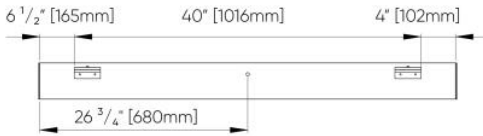
Top View [Uplight]



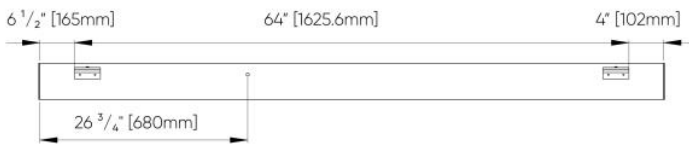
Bottom View [Downlight]

WALL MOUNT CONFIGURATIONS

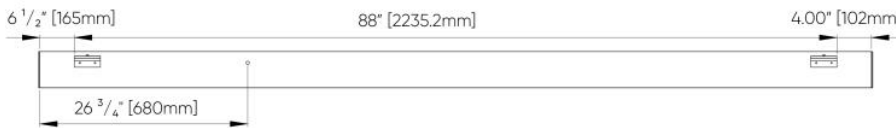
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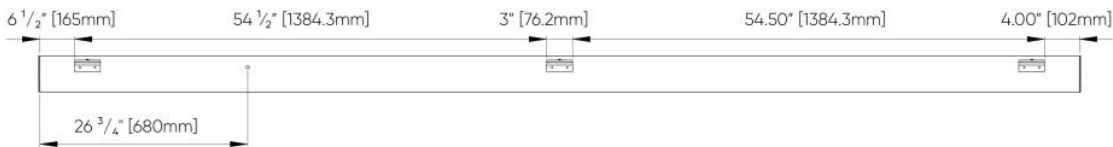
6FT



8FT



10FT



12FT

