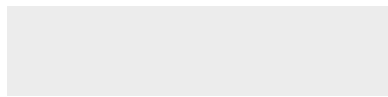
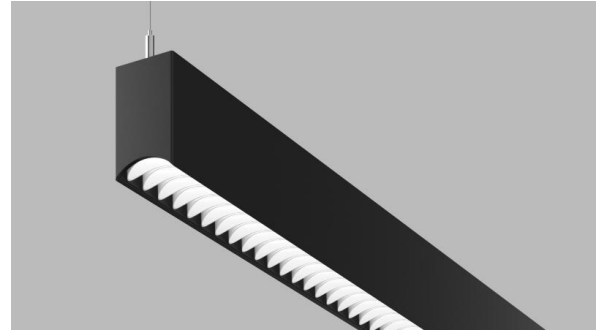


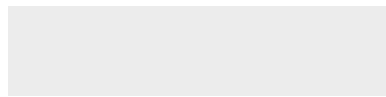


OOOOH™

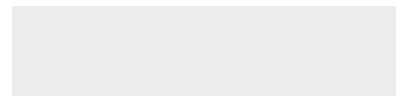
FULL SPECIFICATION SHEET



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

Suspended Direct	Suspended Direct/Indirect	Direct DD1	Direct DD4	Indirect UD1	Indirect UD3	Bios	Declare	PoE	Tunable White

3 APPROVALS



4 GENERAL SPECIFICATION

BODY

Aluminum.

FINISH

Powder coated.

SUSPENSION

Steel cables.

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.

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)

MECHANICAL

Luminaires mount directly over J box (by others).

SENSORS

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

RGBW

RGBW available, consult factory.

DESIGNED BY

Serge Cornelissen.

SEISMIC BRACING

Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

POWER CABLE

Silver braided.

BIOS

For circadian lighting, consult factory.

LENS

Opal acrylic. 2.4" width.

REPORTED L70 @25°C (77°F)

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

DELIVERED LUMENS

Delivered lumens & LPW based on 4000K CRI 80+

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.

TUNABLE WHITE

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

APPROVALS

Damp Rated.

DESIGN

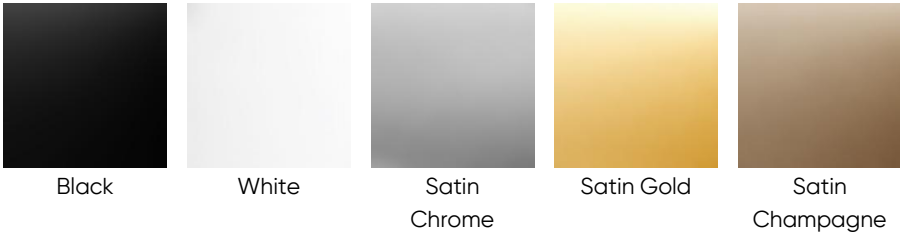
US Pat. No. D969,395.

SUSTAINABILITY

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

5 DESIGN OPTIONS

LOUVER

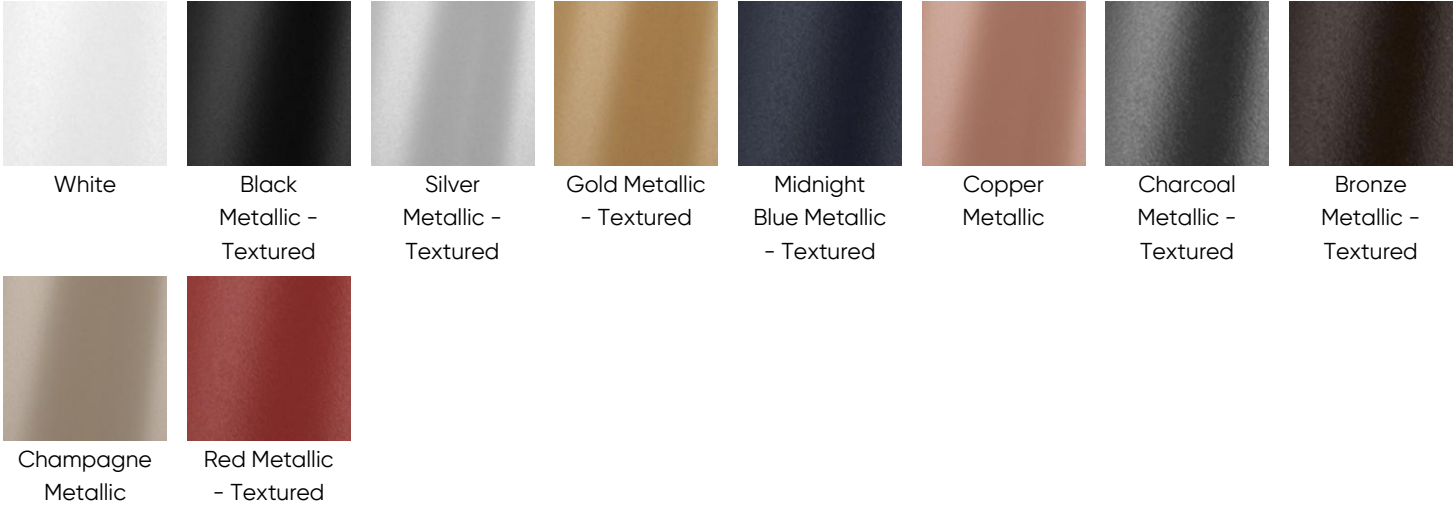


FINISH



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

CANOPY FINISH



6 HOW TO ORDER

1. LUMINAIRE

HLNL1P Direct **HLNL2P** 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.

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
LV9 Satin Champagne

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.

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

CTA27 2700K

CTB30 3000K

CTB35 3500K

CTB40 4000K

CTB60 Tunable White ¹

¹ Consult factory.

10. DIRECT LENS

DD1 Asymmetric

DD4 Comfort

¹ When standing at the end view of the profile on the side where the power cord is installed, the asymmetric beam will aim to the right.

11. INDIRECT LENS

UD0 Not required

UD1 Clear (Batwing distribution)

UD3 Asymmetric ¹

¹ Available up to 1200 lm/ft.

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. CEILING TYPE

G1 Grid ceiling ¹	H1 Hard ceiling ²
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The cost for the canopies, power cables, connections mechanisms and endcaps for the fixture has been added to these items.

¹ Combo kit provided includes installation to T-bar and through tile mount. ² Designed for drywall ceilings.

16. SUSPENSION

HLA03 3ft cable suspension	HLA06 6ft cable suspension	HLA09 9ft cable suspension
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17. 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.

18. CANOPY FINISH

CF01 White	CF02 Black Metallic – Textured	CF20 Silver Metallic – Textured	CF25 Gold Metallic – Textured
CF44 Midnight Blue Metallic – Textured	CF45 Copper Metallic	CF46 Charcoal Metallic – Textured	CF47 Bronze Metallic – Textured
CF52 Champagne Metallic	CF53 Red Metallic – Textured		

19. EMERGENCY

E0 Not required	E1 Emergency system – Integral ¹	E3 Emergency generator circuit ¹
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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.

20. CIRCUITS

CS1 Single circuit

CS2 Dual circuit ¹

¹ Independent control of uplight for HLNP2P.

21. 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	HLNL1P	HLNL2P
Light Direction	Direct	Direct/Indirect

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)

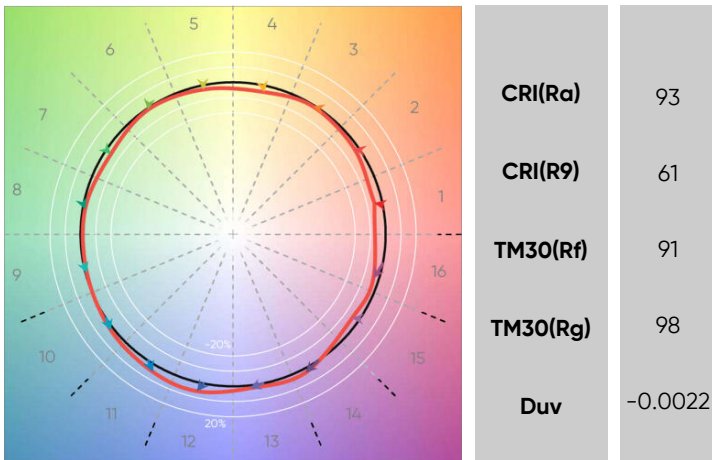
	LUMEN/FT	WATT/FT	LPW
	1600	13	133
	1400	10	138
	1200	9	142
	1000	7	245
	800	6	247
	600	4	151
	400	3	154
	200	1	154

INDIRECT ASYMMETRIC (UD3)

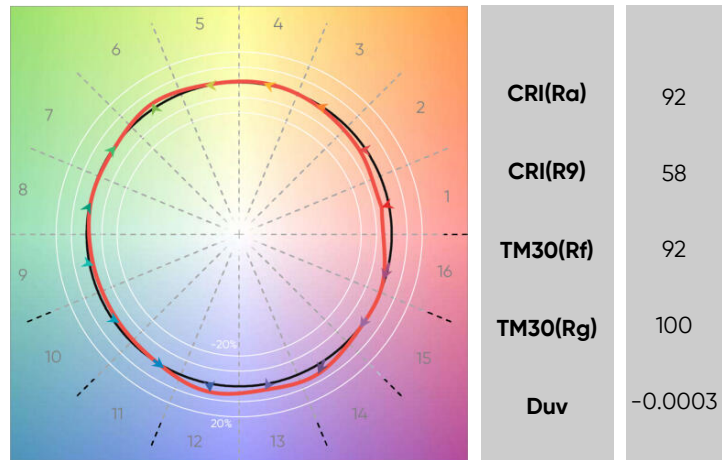
	LUMEN/FT	WATT/FT	LPW
	1200	13	97
	1000	10	100
	800	9	102
	600	6	107
	400	4	107
	200	2	109
			112

9 TM-30 DATA

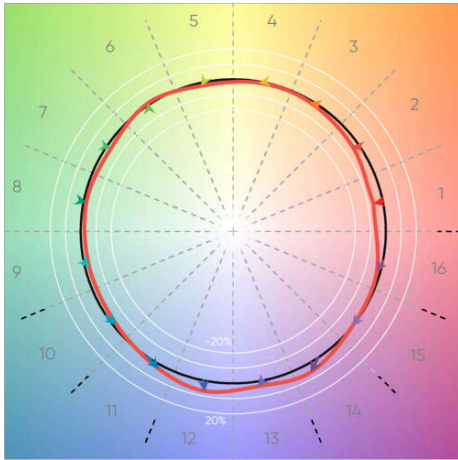
CCT 2700K



CCT 3000K

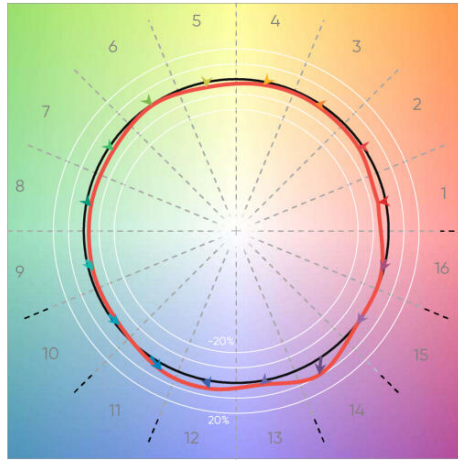


CCT 3500K



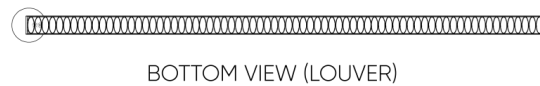
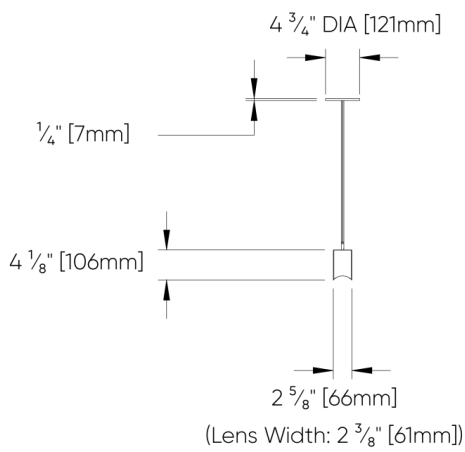
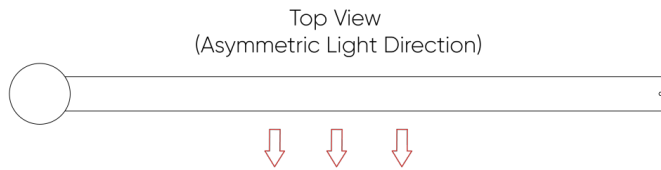
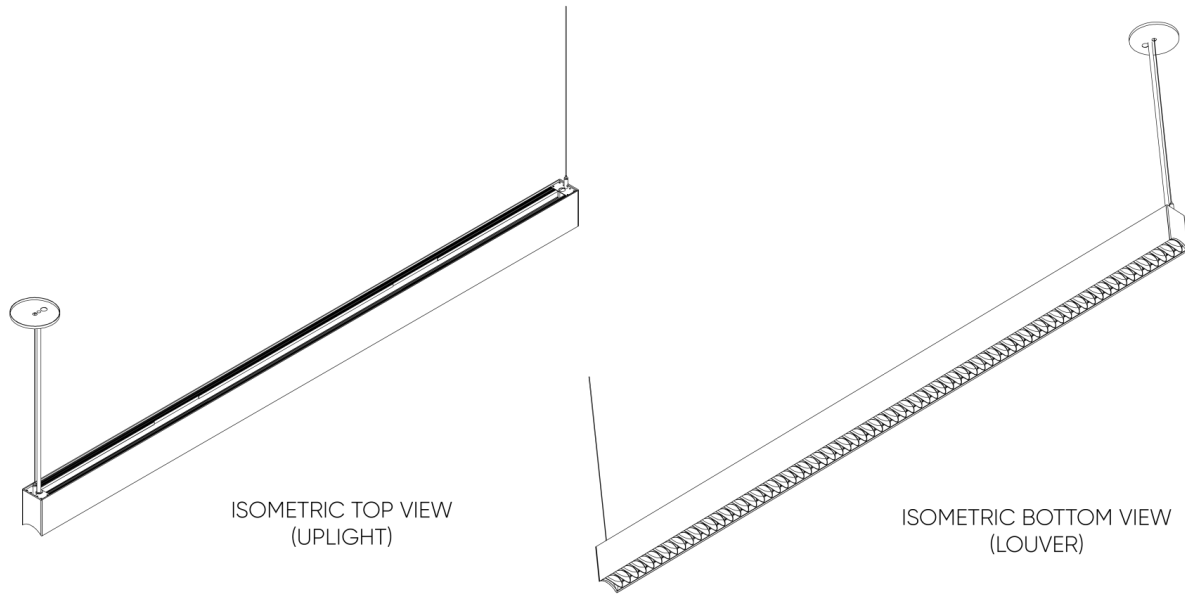
CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

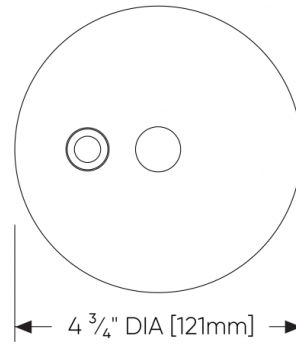
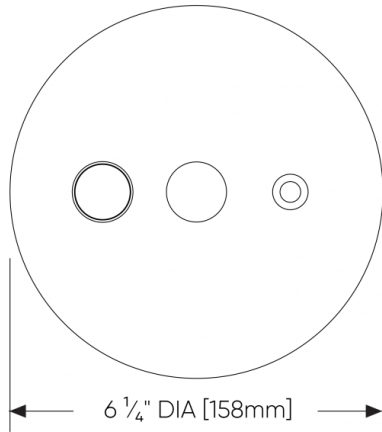
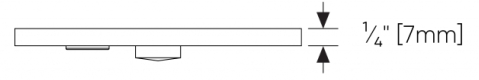
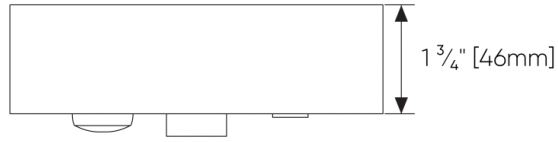
CCT 4000K



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

10 DIMENSIONAL DIAGRAMS





Canopy with Sensor

Standard Canopy