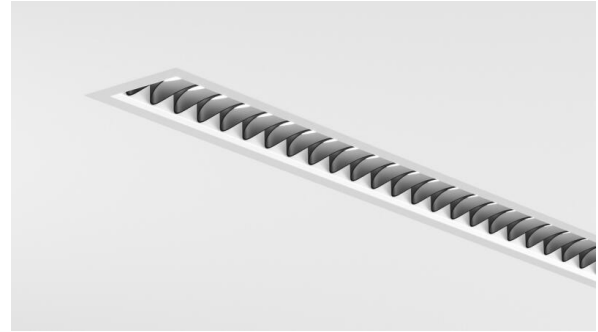




# OOOOH™

## 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. Behind the louver system is either the Comfort diffuser which provides a softer and even distribution of light, or an asymmetric which skews the light for brightening up walls or adding to the ambient light. Oooooh presents a simple way to transform a functional light into a luxurious design feature.

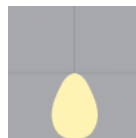
### 2 MOUNTING & OPTICS



Recessed



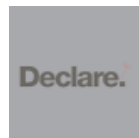
Direct DD1



Direct DD4



Bios



Declare



PoE

### 3 APPROVALS



### 4 GENERAL SPECIFICATION

#### BODY

Aluminum.

#### FINISH

Powder coated.

### 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.

### POE

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

### REPORTED L70 @25°C (77°F)

> 60,000 hrs @ 1300 lumens/ft (4300 lumens/m).

### DELIVERED LUMENS

Delivered lumens & LPW based on 4000K CRI 80+

### RGBW

RGBW available, consult factory.

### DESIGN

US Pat. No. D969,395.

### DIFFUSER

Opal acrylic. 2.4" width.

### GRID CEILINGS

Dimensions are nominal for grid ceiling fixtures. Fixtures are designed to fit within standard grid ceiling systems.

### BIOS

For circadian lighting, consult factory.

### ESTIMATED L70 @25°C (77°F)

> 149,000 hrs @ 1300 lumens/ft (4300 lumens/m).

### TUNABLE WHITE

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

### APPROVALS

Damp Rated.

**5 DESIGN OPTIONS**

**LOUVER**



**6 HOW TO ORDER**

**A. LUMINAIRE**

**HLNR1R** Direct

.One power cord for every 50 linear feet.

**B. LENGTH OF RUN**

**SFG\_ \_ \_ \_**

Minimum length to order is 4ft and orders to be in 2ft increments.

Example: 4ft = SFG0400

Example: 10ft = SFG1000

Example: 50ft = SFG5000

For runs over 50ft in length, consult factory.

**C. 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.

**D. LOUVER**

**LV2** Black                      **LV3** White                      **LV4** Satin Chrome                      **LV6** Satin Gold  
**LV9** Satin Champagne

**E. LM/FT**

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

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

**F. CRI**

<b>CR80</b> CRI 80+	<b>CR90</b> CRI 90+
---------------------	---------------------

**G. CCT**

<b>CTA27</b> 2700K	<b>CTA30</b> 3000K	<b>CTA35</b> 3500K	<b>CTA40</b> 4000K
--------------------	--------------------	--------------------	--------------------

**H. DIFFUSER**

<b>DD1</b> Asymmetric diffuser <sup>1</sup>	<b>DD4</b> Comfort diffuser
---	-----------------------------

<sup>1</sup> 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.

**I. VOLTAGE**

<b>V1</b> 120/277V	<b>V2</b> 240V <sup>1</sup>	<b>V3</b> 347V <sup>2</sup>	<b>V4</b> Low Voltage <sup>3</sup>
--------------------	-----------------------------	-----------------------------	------------------------------------

<sup>1</sup> V2 not available in North America.

<sup>2</sup> V3 available with DA01 dimming only.

<sup>3</sup> V4 available with DA45 dimming only.

**J. DIMMING**

<b>DA01</b> 0-10V Dimming 1.0%	<b>DA02</b> 0-10V Dimming 0.1% <sup>1</sup>	<b>DA20</b> DALI Dimming 0.1% <sup>1</sup>	<b>DA21</b> DALI Dimming 1.0% <sup>1</sup>
<b>DA30</b> DSI/switchDim <sup>2</sup>	<b>DA45</b> PoE <sup>3</sup>		

<sup>1</sup> Not available with V3.

<sup>2</sup> Not available in North America.

<sup>3</sup> Only available with V4.

**K. CEILING TYPE & TRIM**

**RT1** Tegular ceiling <sup>1</sup>

**RT2** T-Bar ceiling <sup>2</sup>

**RT3** Trimless <sup>3</sup>

**RT4** Trim <sup>3</sup>

<sup>1</sup> Fixture designed to fit into a 9/16" or 15/16" standard tegular grid T-bar and through tile mount. Dimensions are nominal for grid ceiling fixtures. All fixture metalwork is white.

<sup>2</sup> Fixture designed to fit into a 9/16" or 15/16" standard grid T-bar and through tile mount. Dimensions are nominal for grid ceiling fixtures. All fixture metalwork is white.

<sup>3</sup> Fixture designed for drywall ceilings. All fixture metalwork is white.

**L. EMERGENCY**

**EO** Not required

**E1** Emergency system – Integral <sup>1</sup> **E3** Emergency generated circuit <sup>1</sup>

<sup>1</sup> 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.

**M. CHICAGO PLENUM**

**CP0** Not required

**CP1** Chicago Plenum

**7 TECHNICAL DATA**

**LUMINAIRE**

.One power cord for every 50 linear feet.

**Code** HLNRI1R  
**Light Direction** Direct

**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 CHAMPAGNE LOUVER**

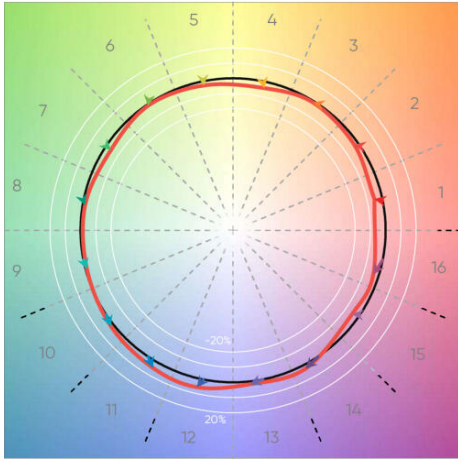
	LUMEN/FT	WATT/FT	LPW
	1000	13	84
	800	9	87
	700	9	89
	600	7	90
	500	5	93
	400	4	95
	300	3	95
	200	2	98

**DIRECT ASYMMETRIC (DD1) - WHITE LOUVER**

	LUMEN/FT	WATT/FT	LPW
	1200	13	100
	1000	11	101
	800	9	105
	700	7	107
	600	6	108
	500	5	110
	400	4	112
	300	3	113
	200	2	116

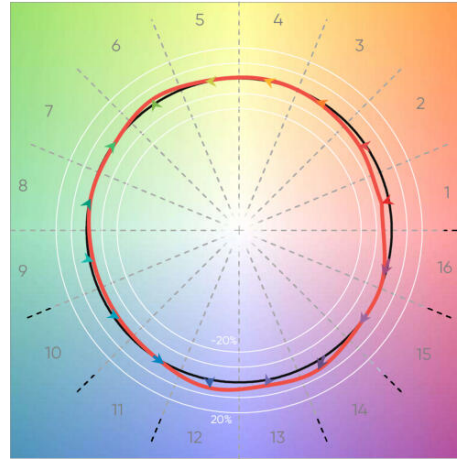
9 TM-30 DATA

**CCT 2700K**



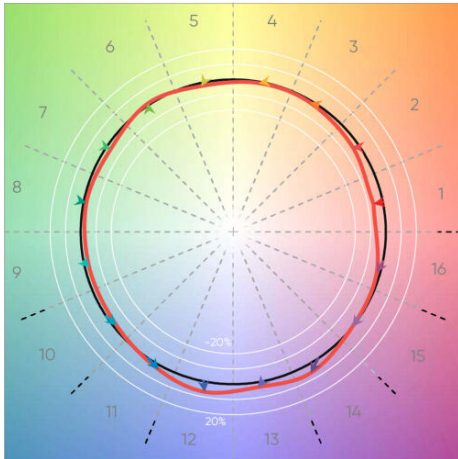
<b>CRI(Ra)</b>	93
<b>CRI(R9)</b>	61
<b>TM30(Rf)</b>	91
<b>TM30(Rg)</b>	98
<b>Duv</b>	-0.0022

**CCT 3000K**



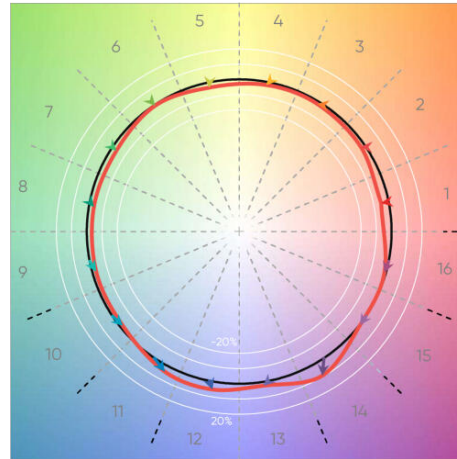
<b>CRI(Ra)</b>	92
<b>CRI(R9)</b>	58
<b>TM30(Rf)</b>	92
<b>TM30(Rg)</b>	100
<b>Duv</b>	-0.0003

**CCT 3500K**

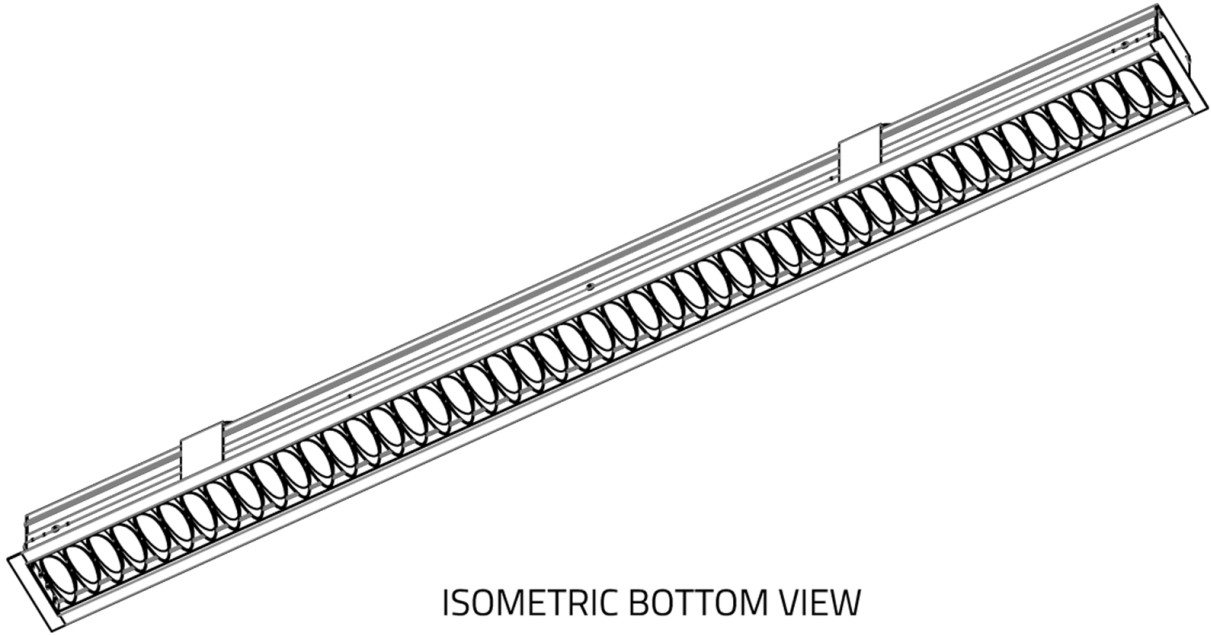


<b>CRI(Ra)</b>	91
<b>CRI(R9)</b>	53
<b>TM30(Rf)</b>	90
<b>TM30(Rg)</b>	99
<b>Duv</b>	-0.0007

**CCT 4000K**

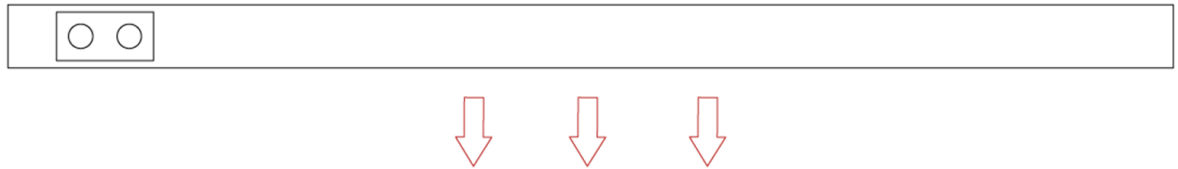


<b>CRI(Ra)</b>	93
<b>CRI(R9)</b>	64
<b>TM30(Rf)</b>	90
<b>TM30(Rg)</b>	98
<b>Duv</b>	0.0000



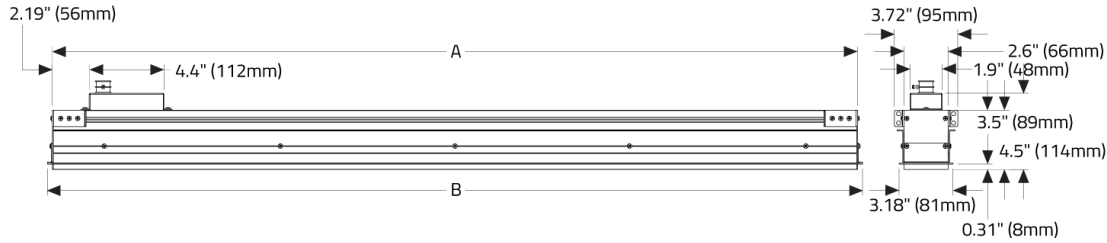
ISOMETRIC BOTTOM VIEW

Top View  
(Asymmetric Light Direction)



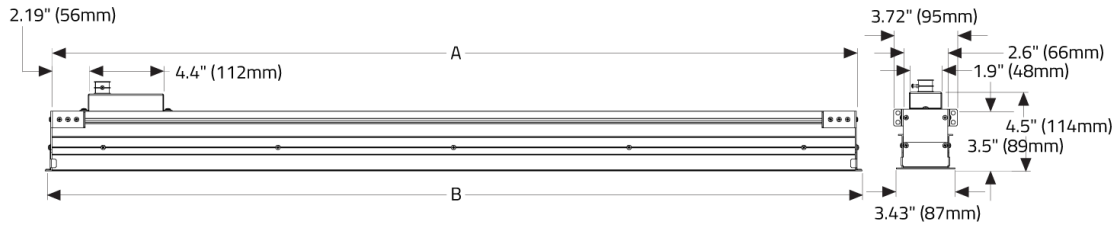


### Grid Ceiling - Tegular ceiling



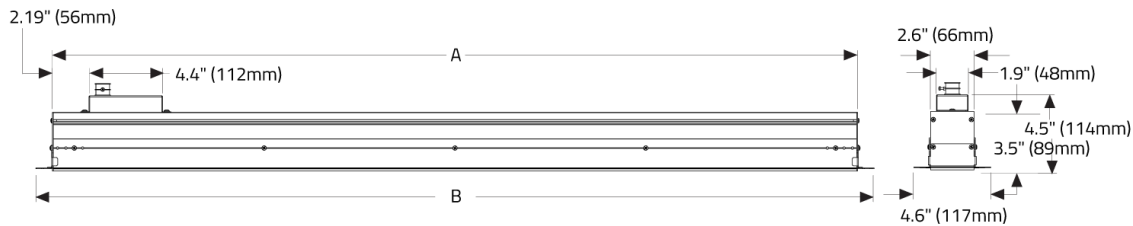
Max Length (Per section)	A	B
4ft	46.82" (1189mm)	47.7" (1212mm)
6ft	70.82" (1791mm)	71.7" (1821mm)
8ft	94.82" (2408mm)	95.7" (2431mm)
10ft	118.82" (3018mm)	119.7" (3040mm)
12ft	142.82" (3627mm)	143.7" (3650mm)

### Grid Ceiling - T-bar ceiling



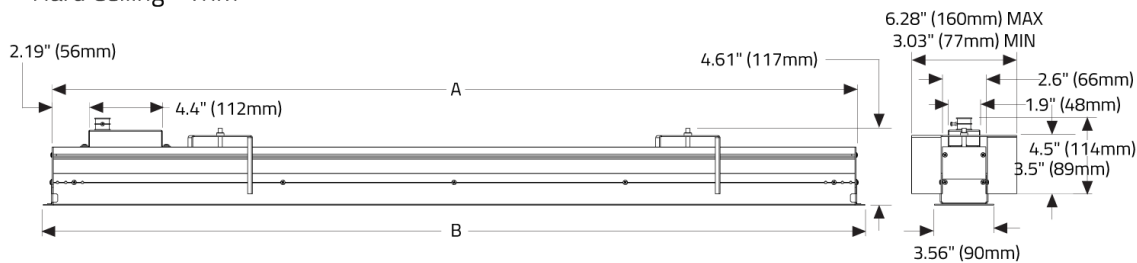
Max Length (Per section)	A	B
4ft	46.82" (1189mm)	47.7" (1212mm)
6ft	70.82" (1791mm)	71.7" (1821mm)
8ft	94.82" (2408mm)	95.7" (2431mm)
10ft	118.82" (3018mm)	119.7" (3040mm)
12ft	142.82" (3627mm)	143.7" (3650mm)

### Hard Ceiling - Trimless



Max Length (Per section)	A	B
4ft	48.1" (1222mm)	50.1" (1273mm)
6ft	72.1" (1831mm)	74.1" (1882mm)
8ft	96.1" (2431mm)	98.1" (2492mm)
10ft	120.1" (3050mm)	122.1" (3040mm)
12ft	144.1" (3660mm)	146.1" (3711mm)

### Hard Ceiling - Trim



Max Length (Per section)	A	B
4ft	48.1" (1222mm)	59.04" (1246mm)
6ft	72.1" (1831mm)	73.04" (1855mm)
8ft	96.1" (2431mm)	97.04" (2465mm)
10ft	120.1" (3050mm)	121.04" (3074mm)
12ft	144.1" (3660mm)	145.04" (3684mm)