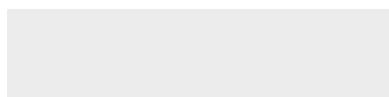
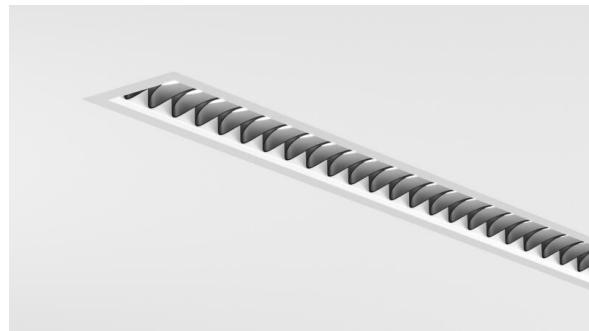


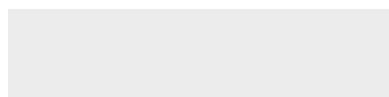


OOOOH™

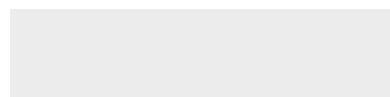
FULL SPECIFICATION SHEET



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. **OOOOH** presents a simple way to transform a functional light into a luxurious design feature.

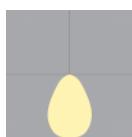
2 OPTICS & FEATURES



Recessed



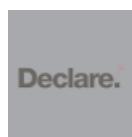
Direct DD1



Direct DD4



Bios



Declare



PoE



Tunable White

3 APPROVALS



DAMP
LOCATION



IP20

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.

Fixture Lengths

Available in 1" increments. Contact the factory for details.

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.

LENS

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.

REPORTED L70 @25°C (77°F)

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

DELIVERED LUMENS

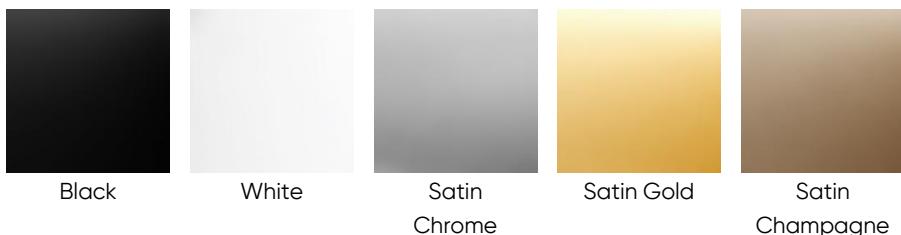
Delivered lumens & LPW based on 4000K CRI 80+

RGBW

RGBW available, consult factory.

DESIGN

US Pat. No. D969,395.

5 DESIGN OPTIONS**LOUVER**

6 HOW TO ORDER**1. LUMINAIRE****HLNR1R** Direct

One power cord for every 50 linear feet.

2. LENGTH OF RUN

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

Example: 4' = SFG0400, 10' = SFG1000, 50' = SFG5000

For runs over 50' in length, consult factory.

SFG----**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****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. CRI**CR80** CRI 80+**CR90** CRI 90+

7. CCT

CTA27 2700K**CTA30** 3000K**CTA35** 3500K**CTA40** 4000K**CTA60** Tunable White ¹¹ Consult factory.

8. LENS

DD1 Asymmetric ¹**DD4** Comfort¹ 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.

9. VOLTAGE

V1 120/277V**V2** 240V ¹**V3** 347V ²**V4** Low Voltage ³¹ V2 not available in North America. ² V3 available with DA01 dimming only. ³ V4 available with DA45 dimming only.

10. 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 ³¹ Not available with V3. ² Not available in North America. ³ Only available with V4.

11. CEILING TYPE & TRIM

RT1 Tegular ceiling ¹**RT2** T-Bar ceiling ²**RT3** Trimless ³**RT4** Trim ³¹ 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.² 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.³ Fixture designed for drywall ceilings. All fixture metalwork is white.

12. EMERGENCY

E0 Not required

E1 Emergency system - Integral ¹ **E3** Emergency generated 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.

13. CHICAGO PLENUM

CPO Not required

CP1 Chicago Plenum

7 TECHNICAL DATA

LUMINAIRE

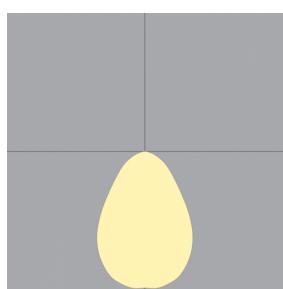
One power cord for every 50 linear feet.

Code **HLNR1R**

Light Direction Direct

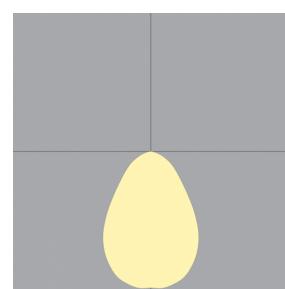
8 PERFORMANCE DATA

DIRECT COMFORT (DD4) - WHITE LOUVER



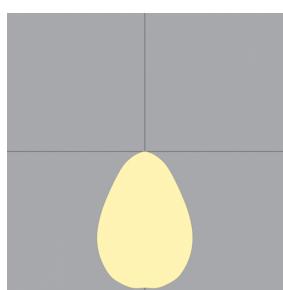
LUMEN/FT	WATT/FT	LPW
1300	13	106
1200	11	108
1000	9	110
800	7	114
700	6	115
600	5	117
500	4	119
400	3	121
300	3	126
200	2	128

DIRECT COMFORT (DD4) - BLACK LOUVER



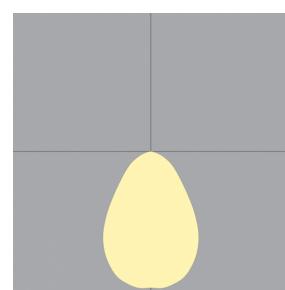
LUMEN/FT	WATT/FT	LPW
700	13	57
600	11	58
500	9	59
400	7	61
300	5	63
200	3	65

DIRECT COMFORT (DD4) - SATIN CHROME LOUVER



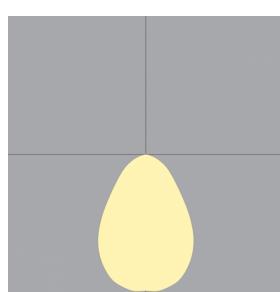
LUMEN/FT	WATT/FT	LPW
1000	13	84
800	9	87
700	9	89
600	7	90
500	5	93
400	4	95
300	3	95
200	2	98

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**



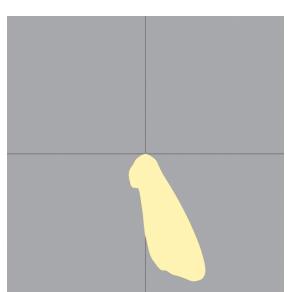
LUMEN/FT

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

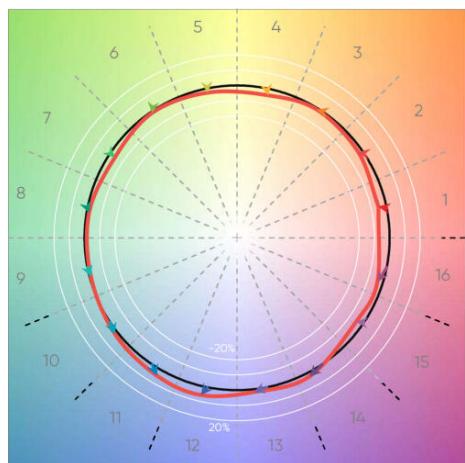
WATT/FT

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



CRI(Ra)

93

CRI(R9)

61

TM30(Rf)

91

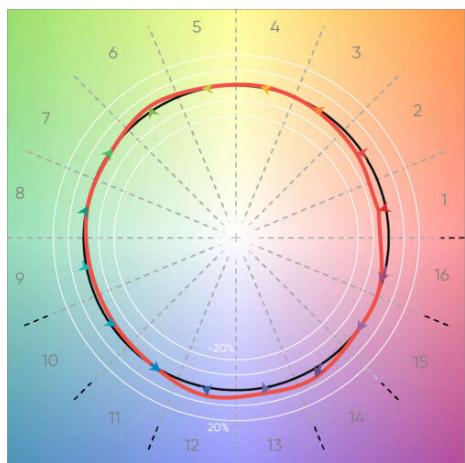
TM30(Rg)

98

Duv

-0.0022

CCT 3000K



CRI(Ra)

92

CRI(R9)

58

TM30(Rf)

92

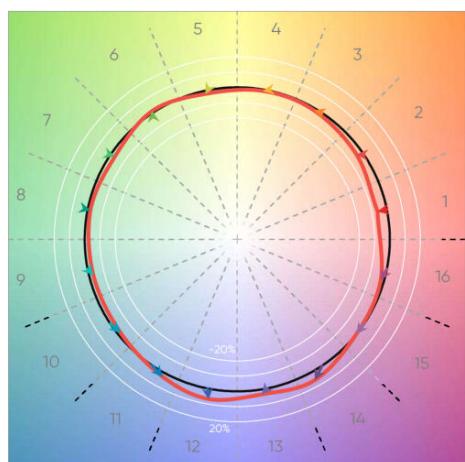
TM30(Rg)

100

Duv

-0.0003

CCT 3500K



CRI(Ra)

91

CRI(R9)

53

TM30(Rf)

90

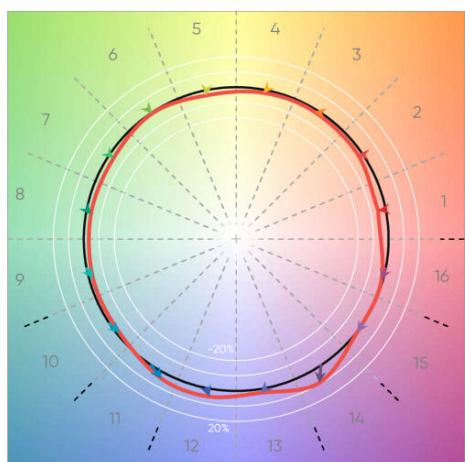
TM30(Rg)

99

Duv

-0.0007

CCT 4000K



CRI(Ra)

93

CRI(R9)

64

TM30(Rf)

90

TM30(Rg)

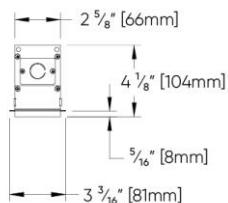
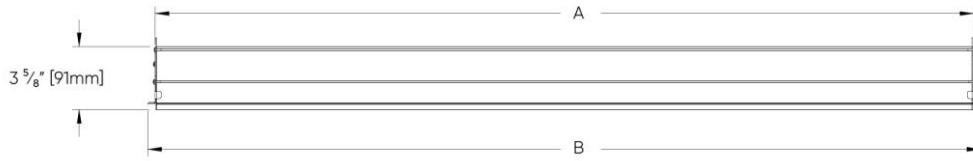
98

Duv

0.0000

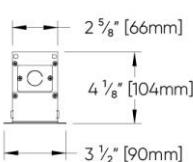
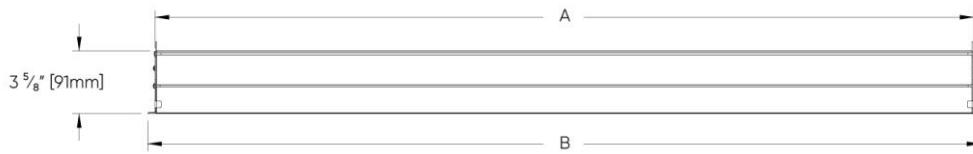
10 DIMENSIONAL DIAGRAMS

Grid Ceiling - Tegular ceiling (RT1)



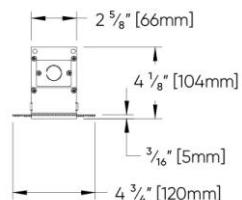
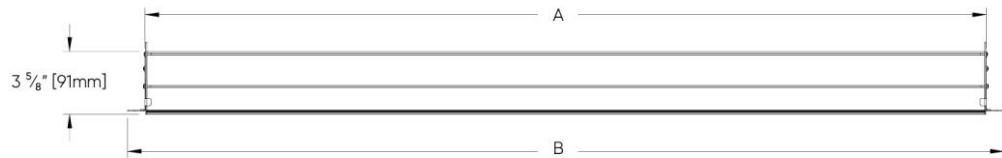
Length of run	A	B
4FT	46 7/8" [1191 mm]	47 11/16" [1212 mm]
6FT	70 7/8" [1800mm]	71 11/16" [1821mm]
8FT	94 7/8" [2409mm]	95 11/16" [2430mm]
10FT	118 7/8" [3018mm]	119 11/16" [3039mm]
12FT	142 7/8" [3627mm]	143 11/16" [3648mm]

Grid Ceiling - T-bar ceiling (RT2)



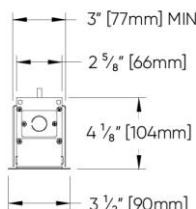
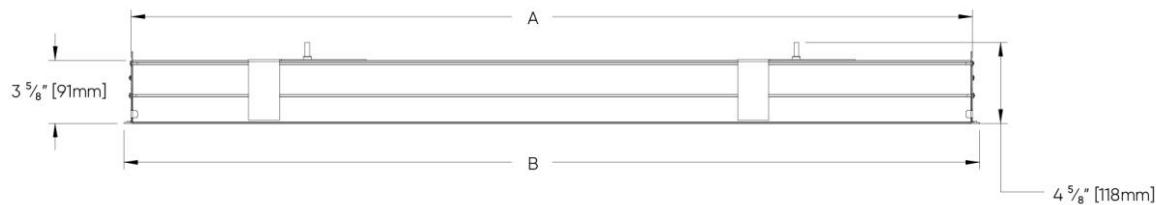
Length of run	A	B
4FT	46 7/8" [1191 mm]	47 11/16" [1212 mm]
6FT	70 7/8" [1800mm]	71 11/16" [1821mm]
8FT	94 7/8" [2409mm]	95 11/16" [2430mm]
10FT	118 7/8" [3018mm]	119 11/16" [3039mm]
12FT	142 7/8" [3627mm]	143 11/16" [3648mm]

Hard Ceiling - Trimless (RT3)



Length of run	A	B
4FT	48 $\frac{3}{16}$ " [1224 mm]	50 $\frac{3}{16}$ " [1275 mm]
6FT	72 $\frac{3}{16}$ " [1833 mm]	74 $\frac{3}{16}$ " [1884mm]
8FT	96 $\frac{3}{16}$ " [2442mm]	98 $\frac{3}{16}$ " [2493mm]
10FT	120 $\frac{3}{16}$ " [3051mm]	122 $\frac{3}{16}$ " [3102mm]
12FT	144 $\frac{3}{16}$ " [3660mm]	146 $\frac{3}{16}$ " [3711mm]

Hard Ceiling - Trim (RT4)



Length of run	A	B
4FT	48 $\frac{3}{16}$ " [1224 mm]	49" [1245 mm]
6FT	72 $\frac{3}{16}$ " [1833 mm]	73" [1854mm]
8FT	96 $\frac{3}{16}$ " [2442mm]	97" [2464mm]
10FT	120 $\frac{3}{16}$ " [3051mm]	121" [3173mm]
12FT	144 $\frac{3}{16}$ " [3660mm]	145" [3683mm]