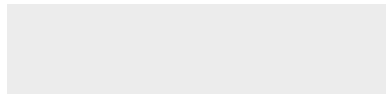
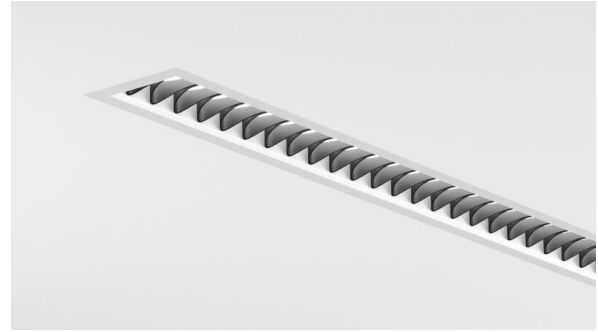


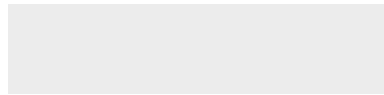


# OOOOH™

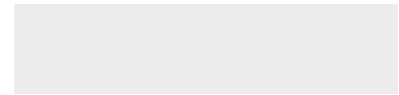
## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE



QUANTITIES

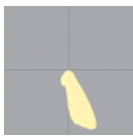
### 1 DESCRIPTION

**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.

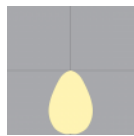
### 2 OPTICS & FEATURES



Recessed



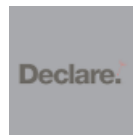
Direct DD1



Direct DD4



Bios



Declare



PoE



Tunable White

### 3 APPROVALS



### 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.

**SUSTAINABILITY**

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

**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**

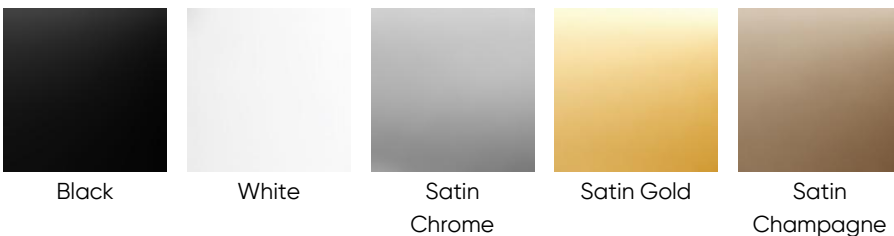
RGBW available, consult factory.

**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 <sup>1</sup>

<sup>1</sup> Consult factory.

## 8. LENS

**DD1** Asymmetric <sup>1</sup>

**DD4** Comfort

<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.

## 9. VOLTAGE

**V1** 120/277V

**V2** 240V <sup>1</sup>

**V3** 347V <sup>2</sup>

**V4** 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.

## 10. DIMMING

**DA01** 0-10V Dimming 1.0%

**DA02** 0-10V Dimming 0.1% <sup>1</sup>

**DA20** DALI Dimming 0.1% <sup>1</sup>

**DA21** DALI Dimming 1.0% <sup>1</sup>

**DA30** DSI/switchDim <sup>2</sup>

**DA45** 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.

## 11. 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.

## 12. EMERGENCY

E0 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.

## 13. CHICAGO PLENUM

CP0 Not required

CP1 Chicago Plenum

# 7 TECHNICAL DATA

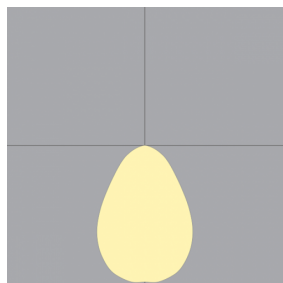
### LUMINAIRE

One power cord for every 50 linear feet.

**Code** HLNRI  
**Light Direction** Direct

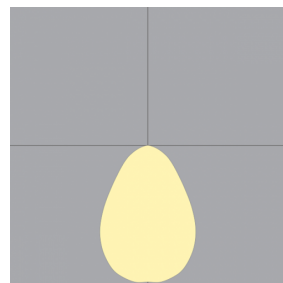
# 8 PERFORMANCE DATA

### DIRECT COMFORT (DD4) – WHITE LOUVER



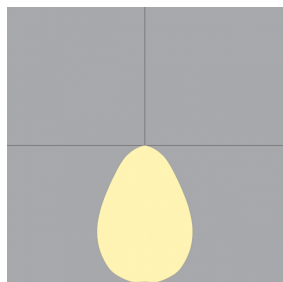
| LUMEN/FT | WATT/FT | LPW |
|----------|---------|-----|
| 1300     | 13      | 106 |
| 1200     | 11      | 108 |
| 1000     | 9       | 110 |
| 800      | 7       | 114 |
| 700      | 6       | 115 |
| 600      | 5       | 117 |
| 500      | 4       | 119 |
| 400      | 3       | 121 |
| 300     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

### DIRECT COMFORT (DD4) – BLACK LOUVER



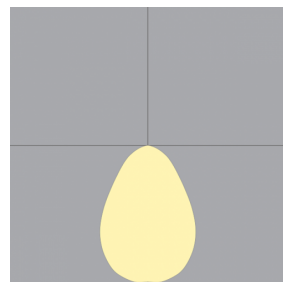
| LUMEN/FT | WATT/FT | LPW |
|----------|---------|-----|
| 700      | 13      | 57  |
| 600      | 11      | 58  |
| 500      | 9       | 59  |
| 400      | 7       | 61  |
| 300      | 5       | 63  |
| 200      | 3       | 65  |

### 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  |

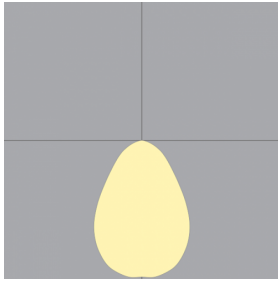
### DIRECT COMFORT (DD4) – SATIN GOLD LOUVER



| 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  |

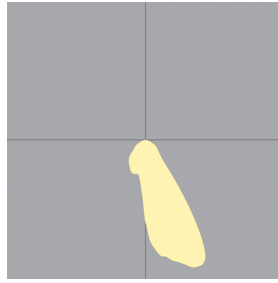
**b** OOOOH™ - RECESSED CONTINUOUS  
FULL SPECIFICATION SHEET

**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  |

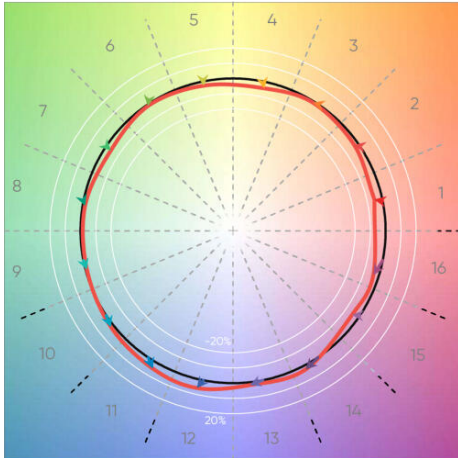
**DIRECT ASYMMETRIC (DD1) - WHITE LOUVER**



| 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 |

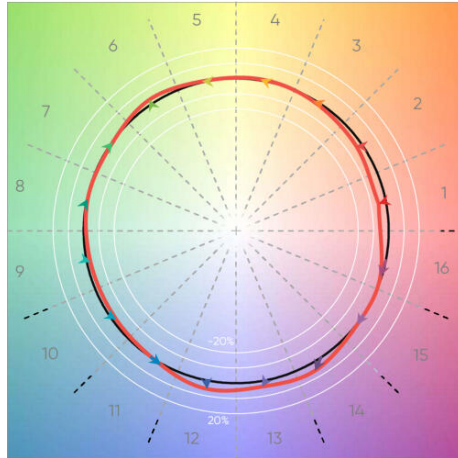
**9 TM-30 DATA**

**CCT 2700K**



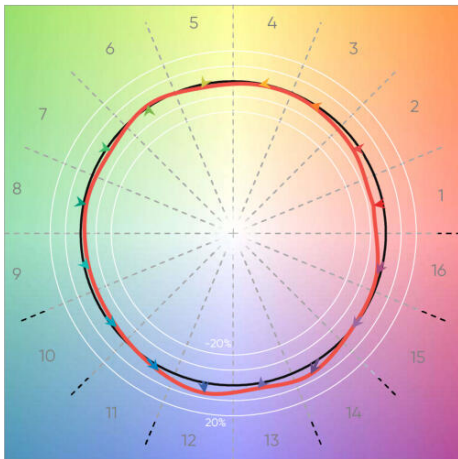
|                 |         |
|-----------------|---------|
| <b>CRI(Ra)</b>  | 93      |
| <b>CRI(R9)</b>  | 61      |
| <b>TM30(Rf)</b> | 91      |
| <b>TM30(Rg)</b> | 98      |
| <b>Duv</b>      | -0.0022 |

**CCT 3000K**



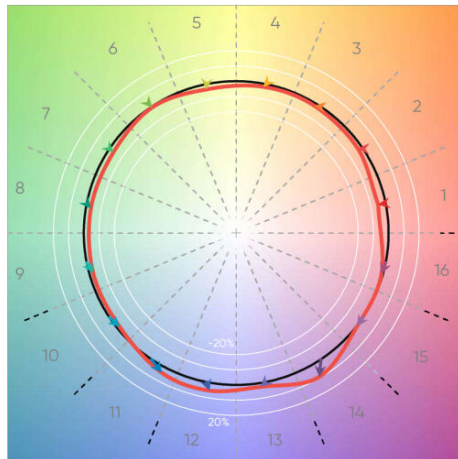
|                 |         |
|-----------------|---------|
| <b>CRI(Ra)</b>  | 92      |
| <b>CRI(R9)</b>  | 58      |
| <b>TM30(Rf)</b> | 92      |
| <b>TM30(Rg)</b> | 100     |
| <b>Duv</b>      | -0.0003 |

**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 |

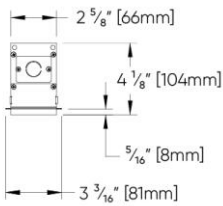
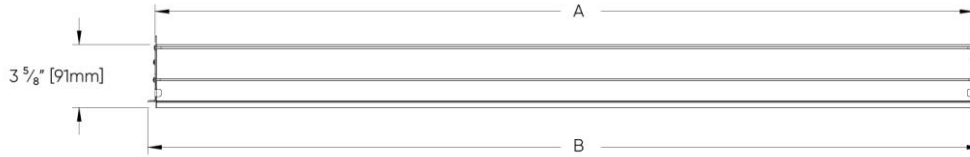
**CCT 4000K**



|                 |        |
|-----------------|--------|
| <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 |

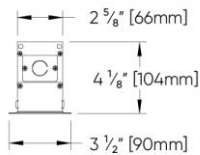
**10 DIMENSIONAL DIAGRAMS**

**Grid Ceiling - Tegular ceiling (RT1)**



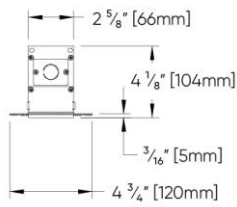
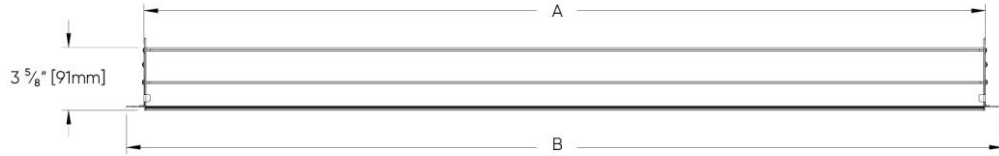
| Length of run | A                 | B                  |
|---------------|-------------------|--------------------|
| 4FT           | 46 7/8" [1191 mm] | 47 1/16" [1212 mm] |
| 6FT           | 70 7/8" [1800mm]  | 71 1/16" [1821mm]  |
| 8FT           | 94 7/8" [2409mm]  | 95 1/16" [2430mm]  |
| 10FT          | 118 7/8" [3018mm] | 119 1/16" [3039mm] |
| 12FT          | 142 7/8" [3627mm] | 143 1/16" [3648mm] |

**Grid Ceiling - T-bar ceiling (RT2)**



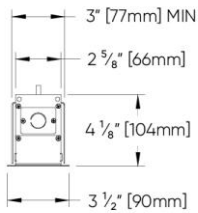
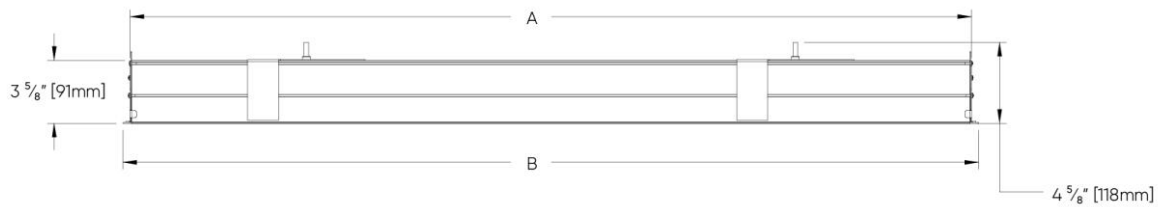
| Length of run | A                 | B                  |
|---------------|-------------------|--------------------|
| 4FT           | 46 7/8" [1191 mm] | 47 1/16" [1212 mm] |
| 6FT           | 70 7/8" [1800mm]  | 71 1/16" [1821mm]  |
| 8FT           | 94 7/8" [2409mm]  | 95 1/16" [2430mm]  |
| 10FT          | 118 7/8" [3018mm] | 119 1/16" [3039mm] |
| 12FT          | 142 7/8" [3627mm] | 143 1/16" [3648mm] |

**Hard Ceiling - Trimless (RT3)**



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

**Hard Ceiling - Trim (RT4)**



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