# OOOOH QUAD™

## 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. Build a continuous lighting plan with the new **OOOOH QUAD** option.

## 2 OPTICS & FEATURES


Suspended Direct


Suspended Direct/Indirect


Direct DD4


Indirect UD1



Declare



PoE

## 3 APPROVALS





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## 4 GENERAL SPECIFICATION

**BODY**
Aluminum.

**FINISH**
Powder coated.

**SUSPENSION**
Steel cables.

**POWER CABLE**
Silver braided.

**INTEGRAL EMERGENCY SYSTEM (E1)**
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. Refer to the Emergency option notes below for wattage, configuration and regional details.

**DRIVERS**
HPF electronic drivers for 120-277V, 347V (EU-240V). The driver is integral to the fixture housing.

**POE**
Can integrate into your data network via Power over Ethernet (PoE) connectivity.

**LENS**
Opal acrylic. 2.4" width.

**MECHANICAL**
Luminaires mount directly over J box (by others - North America only).

**LUMINAIRE LEVEL LIGHTING CONTROLS**
This product can be configured for integration with luminaire-level lighting controls. Contact the factory for available options and project-specific requirements.

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

**RGBW**
RGBW available, consult factory.

**FIXTURE LENGTHS**
Available in 1" increments. Contact the factory for details.

**REPORTED L70 @25°C (77°F)**
> 60,000 hrs @ 2000 lumens/ft (6000 lumens/m)

**ESTIMATED L70 @25°C (77°F)**
>165,000 hrs @ 2000 lumens/ft (6000 lumens/m)

**DELIVERED LUMENS**
Delivered lumens & LPW based on 4000K, CRI 80+.

**APPROVALS**
Damp Rated.

**DESIGNED BY**
Serge Cornelissen.

**DESIGN**
US Pat. No. D969,395.

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


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## 5 DESIGN OPTIONS

### LOUVER


Black


White


Satin Chrome


Satin Gold


Satin Champagne

### FIXTURE FINISH


White


Black Metallic - Textured


Silver Metallic - Textured


Gold Metallic - Textured


Wood grain - Light Cherry [1]


Wood grain - Dark Walnut [1]


Wood grain - White Oak [1]


Midnight Blue Metallic - Textured


Copper Metallic


Charcoal Metallic - Textured


Bronze Metallic - Textured


Champagne Metallic


Red Metallic - Textured

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

### CANOPY FINISH


White

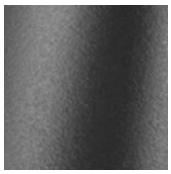

Black Metallic - Textured


Silver Metallic - Textured


Gold Metallic - Textured


Midnight Blue Metallic - Textured


Copper Matallic


Charcoal Metallic - Textured


Bronze Metallic - Textured


Champagne Metallic


Red Metallic - Textured


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## 6 HOW TO ORDER

### LUMINAIRE

**HLNQ1P01** 29" Sq, Direct
**HLNQ1P02** 53" Sq, Direct
**HLNQ1P05** 29" x 53", Direct
**HLNQ2P01** 29" Sq, Direct/Indirect
**HLNQ2P02** 53" Sq, Direct/Indirect
**HLNQ2P05** 29" x 53", Direct/Indirect

For larger sizes, refer to Ooooh Systems. One power cord for every 50 linear ft.

### LOUVER

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

### LUMENS/FT (DIRECT)

**LPF010** 100 lm/ft
**LPF020** 200 lm/ft [1]
**LPF030** 300 lm/ft [2]
**LPF040** 400 lm/ft [3]
**LPF050** 500 lm/ft
**LPF060** 600 lm/ft
**LPF070** 700 lm/ft
**LPF080** 800 lm/ft
**LPF100** 1000 lm/ft
**LPF120** 1200 lm/ft

All data shown based on DD3 diffuser. Lumens/ft are determined by the color of the Louver.

### LUMENS/FT (INDIRECT)

**LPG000** Not required
**LPG025** 250 lm/ft
**LPG050** 500 lm/ft
**LPG075** 750 lm/ft
**LPG100** 1000 lm/ft
**LPG120** 1200 lm/ft
**LPG160** 1600 lm/ft

### CRI

**CR80** CRI 80+
**CR90** CRI 90+

### CCT (DIRECT)

**CTA27** 2700K
**CTA30** 3000K
**CTA35** 3500K
**CTA40** 4000K
**CTA60** Tunable White

* If Tunable White is required, it needs to be selected for both direct and indirect. For other combinations, consult factory.

### CCT (INDIRECT)

**CTB00** Not required
**CTB27** 2700K
**CTB30** 3000K
**CTB35** 3500K
**CTB40** 4000K
**CTB60** Tunable White

* If Tunable White is required, it needs to be selected for both direct and indirect. For other combinations, consult factory.

### DIRECT LENS

**DD4** Comfort

[1] All data shown based on high output diffuser. [2] 5% reduction from DD3. The Comfort lens provides better control and softer distribution.

### INDIRECT LENS

**UD0** Not required
**UD1** Batwing
**UD4** Extra Wide Batwing [1]

[1] Available up to 1200 lm/ft.

### 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.

### VOLTAGE

**V1** 120/277V
**V2** 240V [1]
**V3** 347V [2]
**V4** Low Voltage [3]

[1] Not available in North America. [2] Available with DA01 dimming only. [3] Available with DA45 dimming only.

### DIMMING

**DA01** 0-10V Dimming 1.0% [1]
**DA02** 0-10V Dimming 0.1% [1]
**DA20** DALI Dimming 0.1% [1] [2]
**DA21** DALI Dimming 1.0% [1] [2]
**DA23** DALI DT8 Dimming 0.1% - Tunable White [1] [2]
**DA45** PoE [3]

[1] Not available with V3.
[2] Only available with Tunable White.
[3] Only available with V4.

### CEILING TYPE

**G1** Grid ceiling [1]
**H1** Hard ceiling [2]

The cost of canopies, power cables, connection 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.

### SUSPENSION

**HLA03** 3ft cable suspension
**HLA06** 6ft cable suspension
**HLA09** 9ft cable suspension


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## FIXTURE FINISH

**FA01** White
**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.

## CANOPY FINISH

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

## EMERGENCY

**E0** Not required
**E1** Emergency system - Integral [1]
**E3** Emergency generator circuit [1]

[1] For North America, the minimum emergency system wattage is 10W. Refer to the fixture's lumens per watt to estimate emergency light output. The emergency system typically powers only a portion of the fixture, depending on the fixture configuration and number of drivers. Consult factory for emergency system configuration and illuminated section details.
For Europe, the emergency system wattage and configuration may vary. Consult factory for details.

## CIRCUITS

**CS1** Single circuit
**CS2** Dual circuit

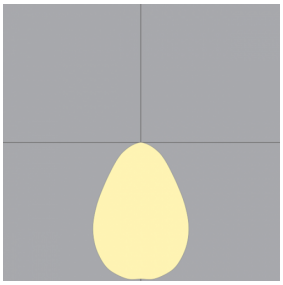
## SENSORS

This product can be configured for integration with luminaire-level lighting controls. Contact the factory for available options and project-specific requirements.


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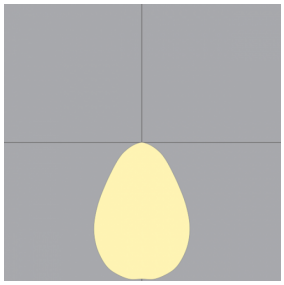
## 7 PERFORMANCE DATA

### DIRECT COMFORT (DD4) – WHITE LOUVER



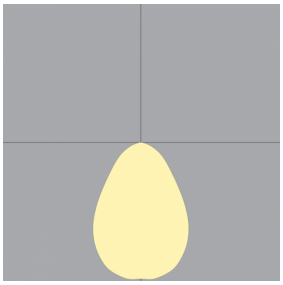
| LUMEN/FT | WATT/FT | LPW |
|---|---|---|
| 1300 | 13 | 106 |
| 1200 | 11 | 108 |
| 1000 | 9 | 110 |
| 800 | 7 | 114 |
| 700 | 6 | 115 |
| 600 | 5 | 117 |
| 500 | 4 | 119 |
| 400 | 3 | 121 |
| 300 | 3 | 126 |
| 200 | 2 | 128 |

### DIRECT COMFORT (DD4) – BLACK LOUVER



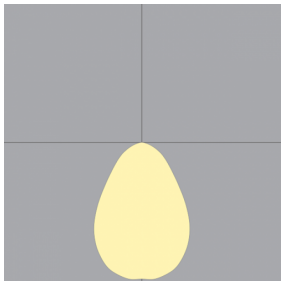
| LUMEN/FT | WATT/FT | LPW |
|---|---|---|
| 700 | 13 | 57 |
| 600 | 11 | 58 |
| 500 | 9 | 59 |
| 400 | 7 | 61 |
| 300 | 5 | 63 |
| 200 | 3 | 65 |

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



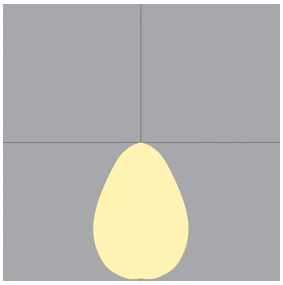
| LUMEN/FT | WATT/FT | LPW |
|---|---|---|
| 1000 | 13 | 84 |
| 800 | 9 | 87 |
| 700 | 9 | 89 |
| 600 | 7 | 90 |
| 500 | 5 | 93 |
| 400 | 4 | 95 |
| 300 | 3 | 95 |
| 200 | 2 | 98 |

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



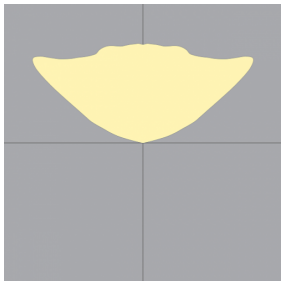
| LUMEN/FT | WATT/FT | LPW |
|---|---|---|
| 1000 | 13 | 82 |
| 800 | 9 | 85 |
| 700 | 9 | 87 |
| 600 | 7 | 88 |
| 500 | 5 | 91 |
| 400 | 4 | 93 |
| 300 | 3 | 93 |
| 200 | 2 | 96 |

### 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 |

### INDIRECT BATWING (UD1)

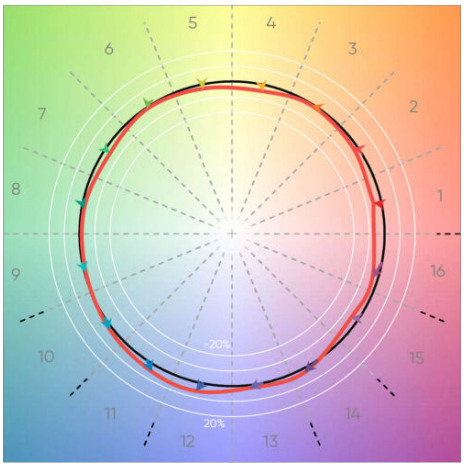


| LUMEN/FT | WATT/FT | LPW |
|---|---|---|
| 1650 | 13 | 133 |
| 1400 | 10 | 138 |
| 1200 | 9 | 141 |
| 1000 | 7 | 145 |
| 800 | 6 | 147 |
| 600 | 4 | 151 |
| 400 | 3 | 154 |
| 200 | 1 | 154 |


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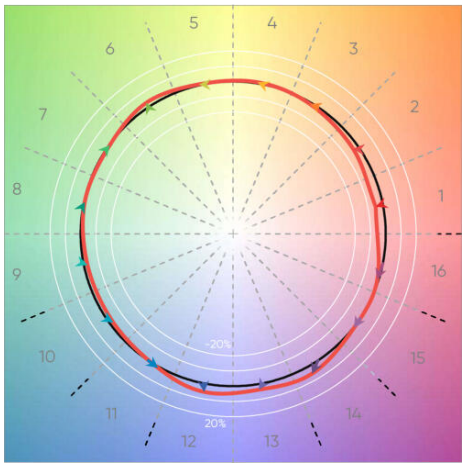
## 8 TM-30 DATA

### CCT 2700K



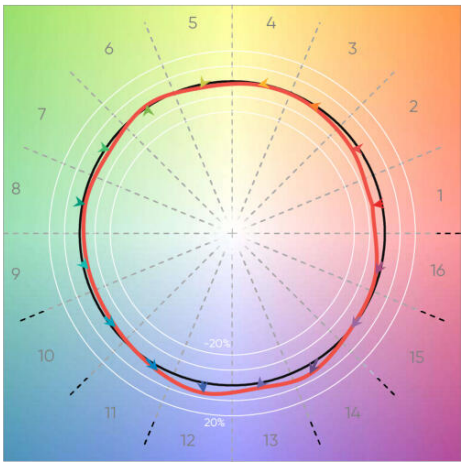
| | |
|---|---|
| CRI(Ra) | 93 |
| CRI(R9) | 61 |
| TM30(Rf) | 91 |
| TM30(Rg) | 98 |
| Duv | -0.0022 |

### CCT 3000K



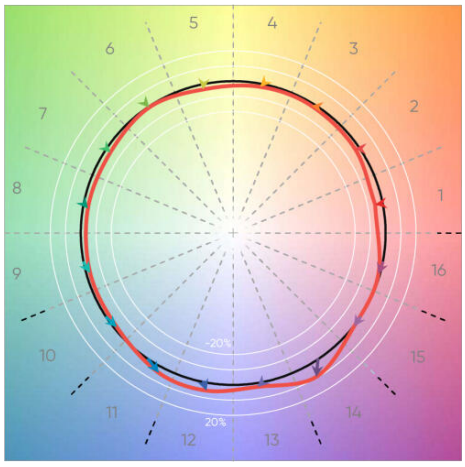
| | |
|---|---|
| CRI(Ra) | 92 |
| CRI(R9) | 58 |
| TM30(Rf) | 92 |
| TM30(Rg) | 100 |
| Duv | -0.0003 |

### CCT 3500K



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

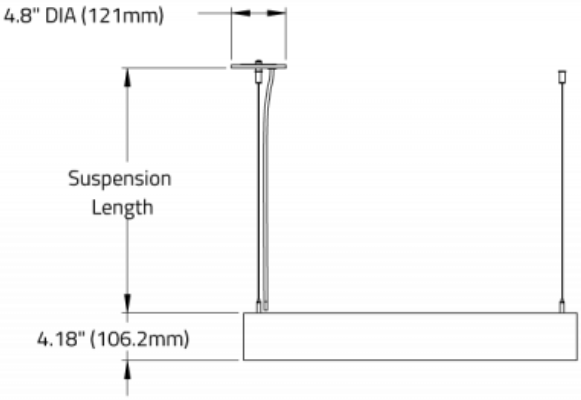
### CCT 4000K

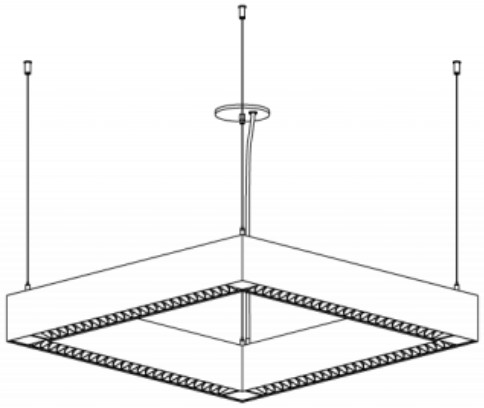


| | |
|---|---|
| CRI(Ra) | 93 |
| CRI(R9) | 64 |
| TM30(Rf) | 90 |
| TM30(Rg) | 98 |
| Duv | 0.0000 |

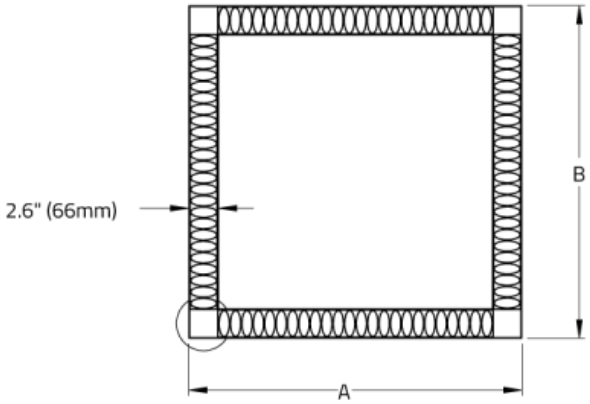

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## 9 DIMENSIONAL DIAGRAMS



ISOMETRIC BOTTOM VIEW




| Luminaire | A | B |
|---|---|---|
| HLNQ1P01/HLNQ2P01 | 29.19" (741.4mm) | 29.19" (741.4mm) |
| HLNQ1P02/HLNQ2P02 | 53.19" (1351.0mm) | 53.19" (1351.0mm) |
| HLNQ1P05/HLNQ2P05 | 29.19" (741.4mm) | 53.19" (1351.0mm) |


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