



# OOOOH QUAD™

## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE


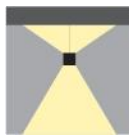






QUANTITIES

### 1 DESCRIPTION

**OOOOH** dazzles up traditional linear lighting concepts with an innovative louvre system. An array of ellipses is incurved to conform to a tunnel-shaped profile creating a subtle aesthetic and sublime lighting effect. The louvre 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<br>Direct  | Suspended<br>Direct/Indirect  | Direct DD4  | Indirect UD1  | Declare   | PoE   |

### 3 APPROVALS







**4** GENERAL SPECIFICATION

**BODY**

Aluminum.

**SUSPENSION**

Steel cables.

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

**MECHANICAL**

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

**TUNABLE WHITE**

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

**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)

**APPROVALS**

Damp Rated.

**DESIGN**

US Pat. No. D969,395.

**FINISH**

Powder coated.

**POWER CABLE**

Silver braided.

**DRIVERS**

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

**LENS**

Opal acrylic. 2.4" width.

**SENSORS**

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

**RGBW**

RGBW available, consult factory.

**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+.

**DESIGNED BY**

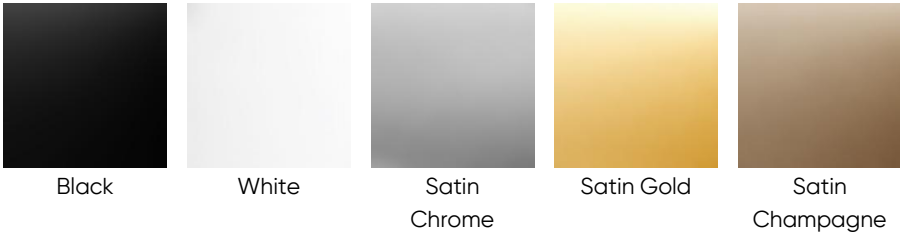
Serge Cornelissen.

**SUSTAINABILITY**

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

**5 DESIGN OPTIONS**

**LOUVER**

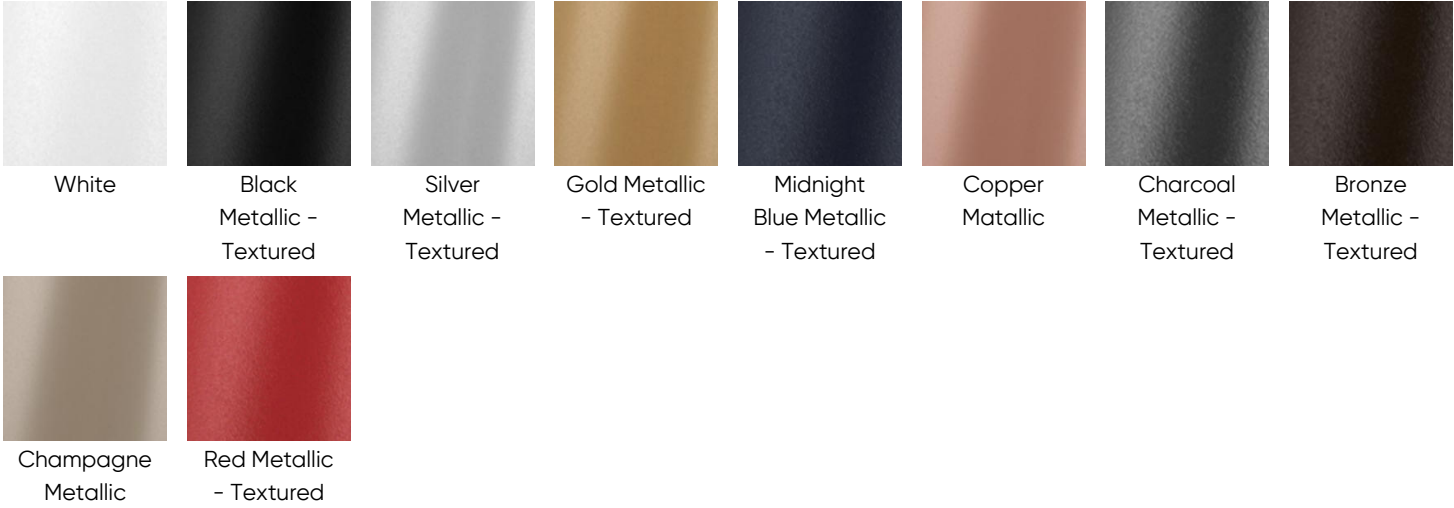


**FIXTURE FINISH**



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

**CANOPY FINISH**



**6 HOW TO ORDER**

**1. 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 Oooh Systems. One power cord for every 50 linear ft.

**2. LOUVER**

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

**3. LUMENS/FT (DIRECT)**

LPF010 100 lm/ft      LPF020 200 lm/ft <sup>1</sup>      LPF030 300 lm/ft <sup>2</sup>      LPF040 400 lm/ft <sup>3</sup>  
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.

**4. 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

**5. CRI**

CR80 CRI 80+      CR90 CRI 90+

**6. CCT (DIRECT)**

CTA30 3000K      CTA35 3500K      CTA40 4000K

**7. CCT (INDIRECT)**

CTB00 Not required      CTB27 2700K      CTB30 3000K      CTB35 3500K  
CTB40 4000K

**8. DIRECT LENS**

DD4 Comfort

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

## 9. INDIRECT LENS

**UD0** Not required                      **UD1** Clear (Batwing)

## 10. BLACKOUT PLATE

**UB00** Not required                      **UB\_ \_** Blackout plate <sup>1</sup>

<sup>1</sup> Available on a per foot basis. May be required to prevent lighting up duct work in a loft type application.

## 11. VOLTAGE

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

<sup>1</sup> Not available in North America. <sup>2</sup> Available with DA01 dimming only. <sup>3</sup> Available with DA45 dimming only.

## 12. DIMMING

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

<sup>1</sup> Not available with V3. <sup>2</sup> Available with V4 only.

## 13. CEILING TYPE

**G1** Grid ceiling <sup>1</sup>                              **H1** Hard ceiling <sup>2</sup>

The cost of canopies, power cables, connection mechanisms and endcaps for the fixture has been added to these items.

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

## 14. SUSPENSION

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

## 15. FIXTURE FINISH

**FA01** White                              **FA02** Black Metallic - Textured      **FA20** Silver Metallic - Textured      **FA25** Gold Metallic - Textured  
**FA27** Wood grain - Light Cherry <sup>1</sup>      **FA28** Wood grain - Dark Walnut <sup>1</sup>      **FA30** Wood grain - White Oak <sup>1</sup>      **FA44** Midnight Blue Metallic -  
Textured  
**FA45** Copper Metallic                      **FA46** Charcoal Metallic -  
Textured                              **FA47** Bronze Metallic - Textured      **FA52** Champagne Metallic  
**FA53** Red Metallic - Textured

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

## 16. CANOPY FINISH

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

## 17. EMERGENCY

|                        |  |  |
|------------------------|--|--|
| <b>E0</b> Not required | <b>E1</b> Emergency system - Integral <sup>1</sup> | <b>E3</b> Emergency generator circuit <sup>1</sup> |
|------------------------|--|--|

<sup>1</sup> Available upon request, consult factory for details. Not available in 347V.

## 18. CIRCUITS

|                           |                         |
|---------------------------|-------------------------|
| <b>CS1</b> Single circuit | <b>CS2</b> Dual circuit |
|---------------------------|-------------------------|

## 19. SENSORS

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

**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**

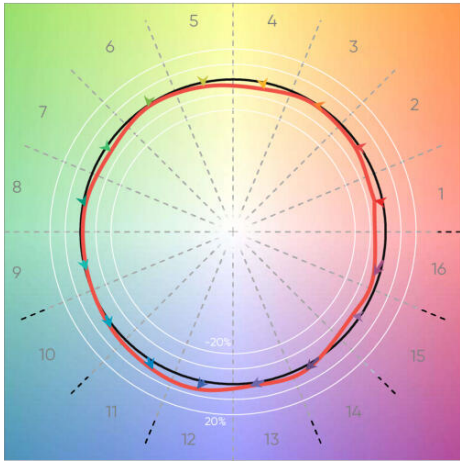
|      | LUMEN/FT | WATT/FT | LPW |
|------|----------|---------|-----|
| 1000 | 13       | 84      |     |
| 800  | 9        | 87      |     |
| 700  | 9        | 89      |     |
| 600  | 7        | 90      |     |
| 500  | 5        | 93      |     |
| 400  | 4        | 95      |     |
| 300  | 3  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

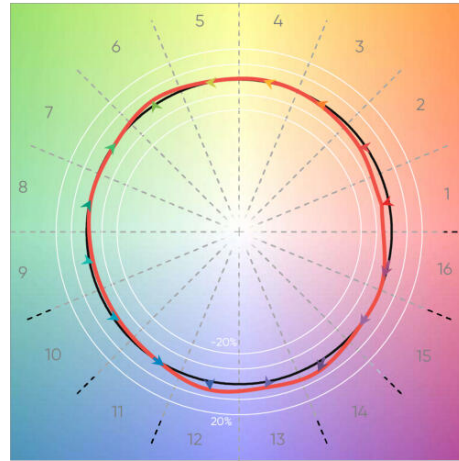
**8** TM-30 DATA

**CCT 2700K**



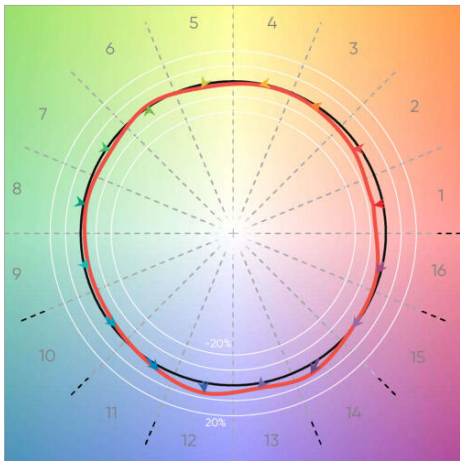
|                 |         |
|-----------------|---------|
| <b>CRI(Ra)</b>  | 93      |
| <b>CRI(R9)</b>  | 61      |
| <b>TM30(Rf)</b> | 91      |
| <b>TM30(Rg)</b> | 98      |
| <b>Duv</b>      | -0.0022 |

**CCT 3000K**



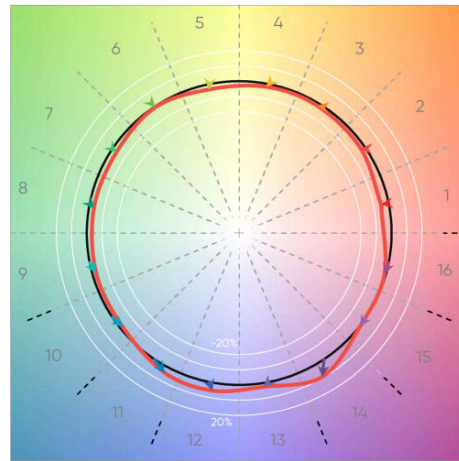
|                 |         |
|-----------------|---------|
| <b>CRI(Ra)</b>  | 92      |
| <b>CRI(R9)</b>  | 58      |
| <b>TM30(Rf)</b> | 92      |
| <b>TM30(Rg)</b> | 100     |
| <b>Duv</b>      | -0.0003 |

**CCT 3500K**



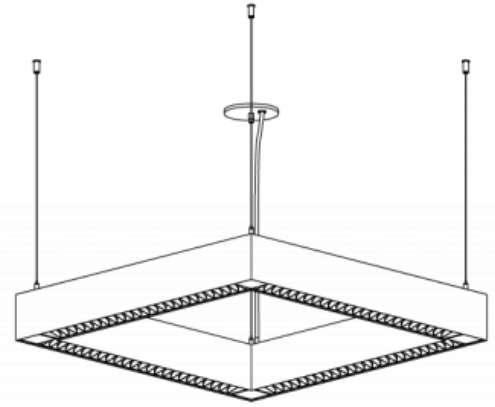
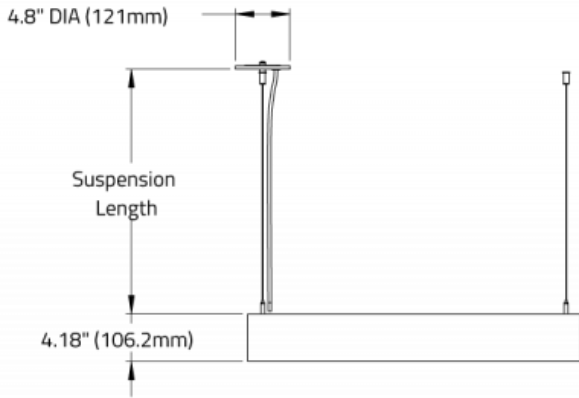
|                 |         |
|-----------------|---------|
| <b>CRI(Ra)</b>  | 91      |
| <b>CRI(R9)</b>  | 53      |
| <b>TM30(Rf)</b> | 90      |
| <b>TM30(Rg)</b> | 99      |
| <b>Duv</b>      | -0.0007 |

**CCT 4000K**

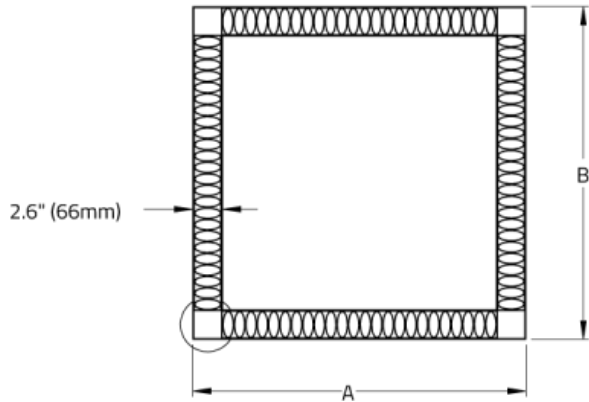


|                 |        |
|-----------------|--------|
| <b>CRI(Ra)</b>  | 93     |
| <b>CRI(R9)</b>  | 64     |
| <b>TM30(Rf)</b> | 90     |
| <b>TM30(Rg)</b> | 98     |
| <b>Duv</b>      | 0.0000 |

**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) |