



# 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 Systems option.

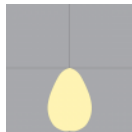
### 2 OPTICS & FEATURES



Suspended  
Direct



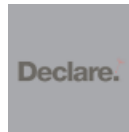
Suspended  
Direct/Indirect



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.

**Diffusers**

Opal acrylic.

**DIFFUSER**

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**

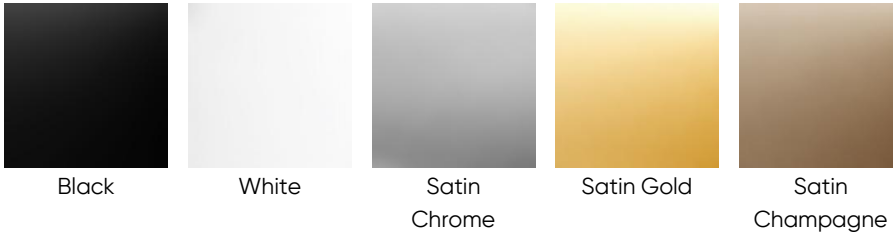
Delivered lumens & LPW based on 4000K, CRI 80+.

**DESIGNED BY**

Serge Cornelissen.

**5 DESIGN OPTIONS**

**LOUVER**

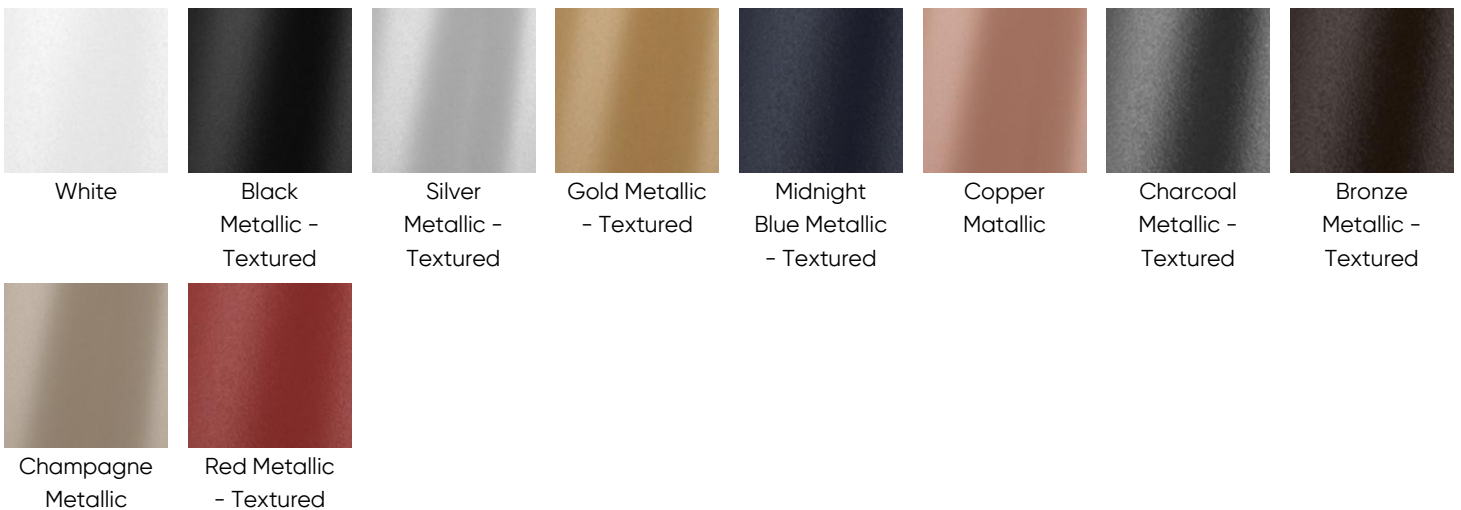


**FIXTURE FINISH**



<sup>1</sup> Longer than normal lead times may apply, consult factory.

**CANOPY FINISH**



## 6 HOW TO ORDER

### 1. LUMINAIRE

<b>HLNQ1P01</b> 29" Sq, Direct	<b>HLNQ1P02</b> 53" Sq, Direct	<b>HLNQ1P05</b> 29" x 53", Direct	<b>HLNQ2P01</b> 29" Sq, Direct/Indirect
<b>HLNQ2P02</b> 53" Sq, Direct/Indirect	<b>HLNQ2P05</b> 29" x 53", Direct/Indirect		

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

### 2. LOUVER

<b>LV2</b> Black	<b>LV3</b> White	<b>LV4</b> Satin Chrome	<b>LV6</b> Satin Gold
<b>LV9</b> Satin Champagne			

### 3. LUMENS/FT (DIRECT)

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

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

### 4. LUMENS/FT (INDIRECT)

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

### 5. CRI

<b>CR80</b> CRI 80+	<b>CR90</b> CRI 90+
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### 6. CCT (DIRECT)

<b>CTA30</b> 3000K	<b>CTA35</b> 3500K	<b>CTA40</b> 4000K
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### CCT (INDIRECT)

<b>CTB00</b> Not required	<b>CTB27</b> 2700K	<b>CTB30</b> 3000K	<b>CTB35</b> 3500K
<b>CTB40</b> 4000K			

### 7. DIRECT DIFFUSER

<b>DD4</b> Comfort diffuser
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<sup>1</sup> High output diffuser, all data shown based on this diffuser.

<sup>2</sup> 5% reduction from DD3. The Comfort lens provides better control and softer distribution.

## 8. INDIRECT DIFFUSER

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

## 9. 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.

## 10. 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.

## 11. 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.

## 12. 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.

## 13. SUSPENSION

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

#### 14. FIXTURE FINISH

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

<sup>1</sup> Longer than normal lead times may apply, consult factory.

#### 15. 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 Metallic	<b>CF46</b> Charcoal Metallic – Textured	<b>CF47</b> Bronze Metallic – Textured
<b>CF52</b> Champagne Metallic	<b>CF53</b> Red Metallic – Textured		

#### 16. EMERGENCY

<b>E0</b> Not required	<b>E1</b> Emergency system – Integral <sup>1</sup>	<b>E3</b> Emergency generator circuit <sup>1</sup>
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<sup>1</sup> Available upon request, consult factory for details. Not available in 347V.

#### 17. CIRCUITS

<b>CS1</b> Single circuit	<b>CS2</b> Dual circuit
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#### 18. SENSORS

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

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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

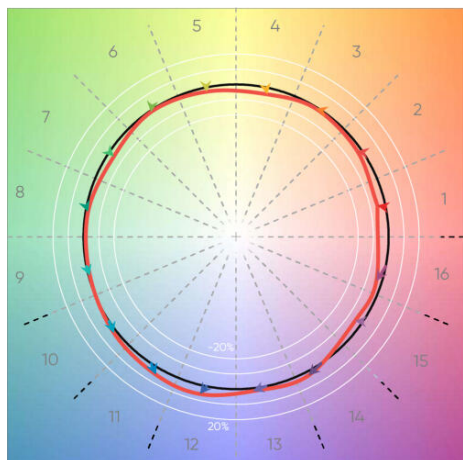
	LUMEN/FT	WATT/FT	LPW
	1000	13	84
	800	9	87
	700	9	89
	600	7	90
	500	5	93
	400	4	95
	300	3	95
	200	2	98

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

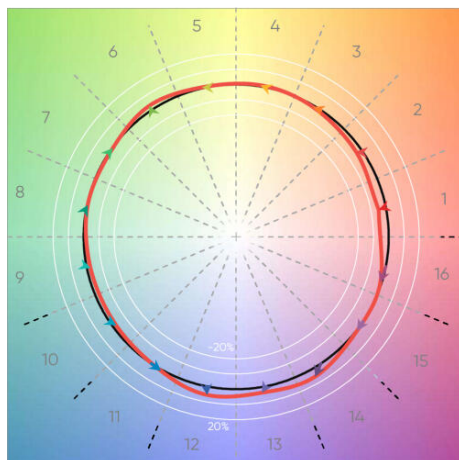
8 TM-30 DATA

**CCT 2700K**



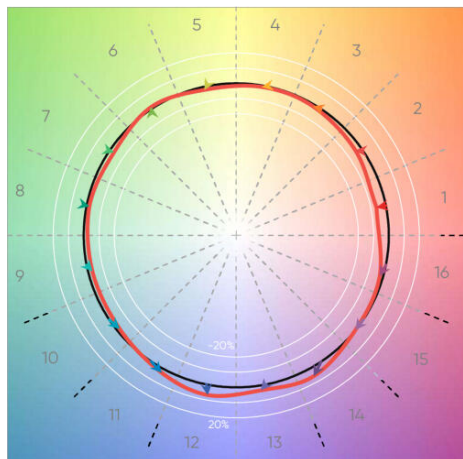
<b>CRI(Ra)</b>	93
<b>CRI(R9)</b>	61
<b>TM30(Rf)</b>	91
<b>TM30(Rg)</b>	98
<b>Duv</b>	-0.0022

**CCT 3000K**



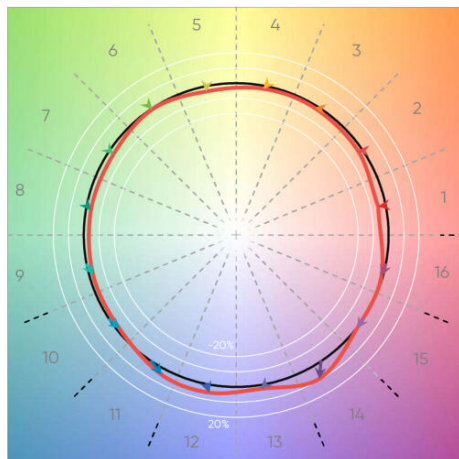
<b>CRI(Ra)</b>	92
<b>CRI(R9)</b>	58
<b>TM30(Rf)</b>	92
<b>TM30(Rg)</b>	100
<b>Duv</b>	-0.0003

**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**

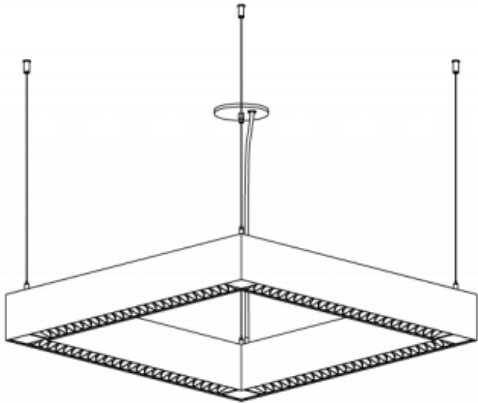
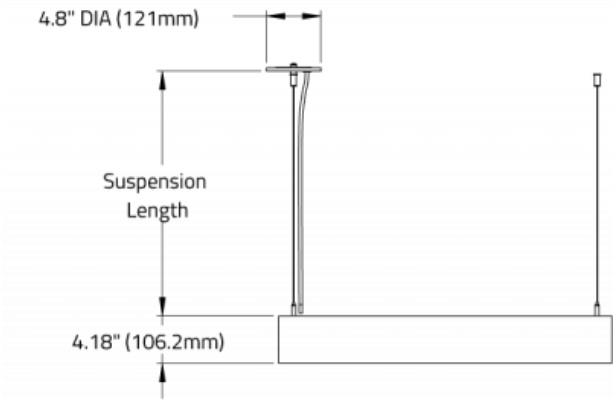


<b>CRI(Ra)</b>	93
<b>CRI(R9)</b>	64
<b>TM30(Rf)</b>	90
<b>TM30(Rg)</b>	98
<b>Duv</b>	0.0000

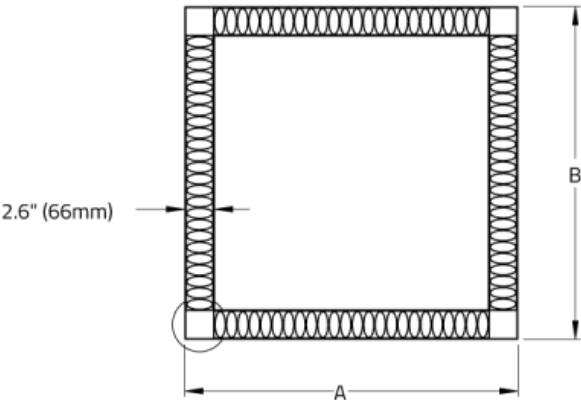


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DIMENSIONAL DIAGRAMS



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)