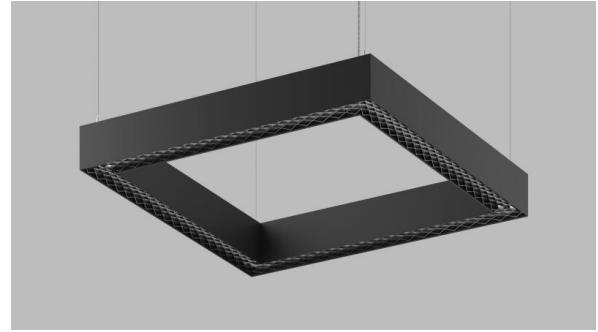




# LE LOUVRE QUAD™

## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

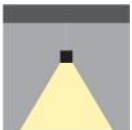


QUANTITIES

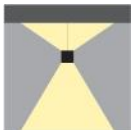
### 1 DESCRIPTION

The striking new concept in louver technology is disrupting the linear lighting category, and taking glare control to new heights. **LE LOUVRE** award-winning design with diagonal cross-hatched construction of the louver in a soft concave shape provides not just visual comfort but a touch of panache unseen in traditional linear lighting. Louvers are available in white for higher performance, black for the highest glare control, and rich satinized finishes - chrome, gold, champagne, for elegant interior designs. Use our new preconfigured **LE LOUVRE QUAD** to create and complement grid effects.

### 2 OPTICS & FEATURES



Suspended  
Direct



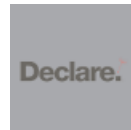
Suspended  
Direct/Indirect



Direct



Indirect



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.

**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.

**SEISMIC BRACING**

Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

**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.

**ESTIMATED L70 @25°C (77°F)**

>165,000 hrs @ 2000 lumens/ft (6000 lumens/m)

**APPROVALS**

Damp Rated.

**DESIGN**

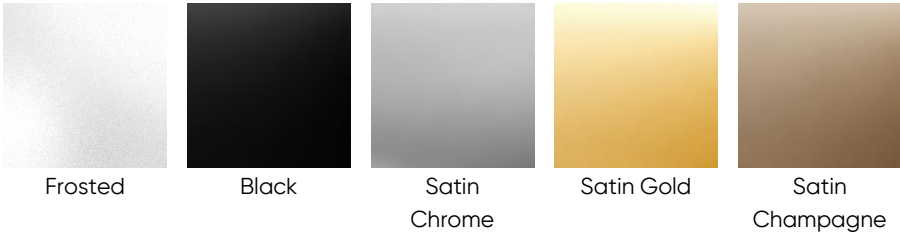
US Pat. No. D959,043.

**SUSTAINABILITY**

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

**5 DESIGN OPTIONS**

**LOUVER**

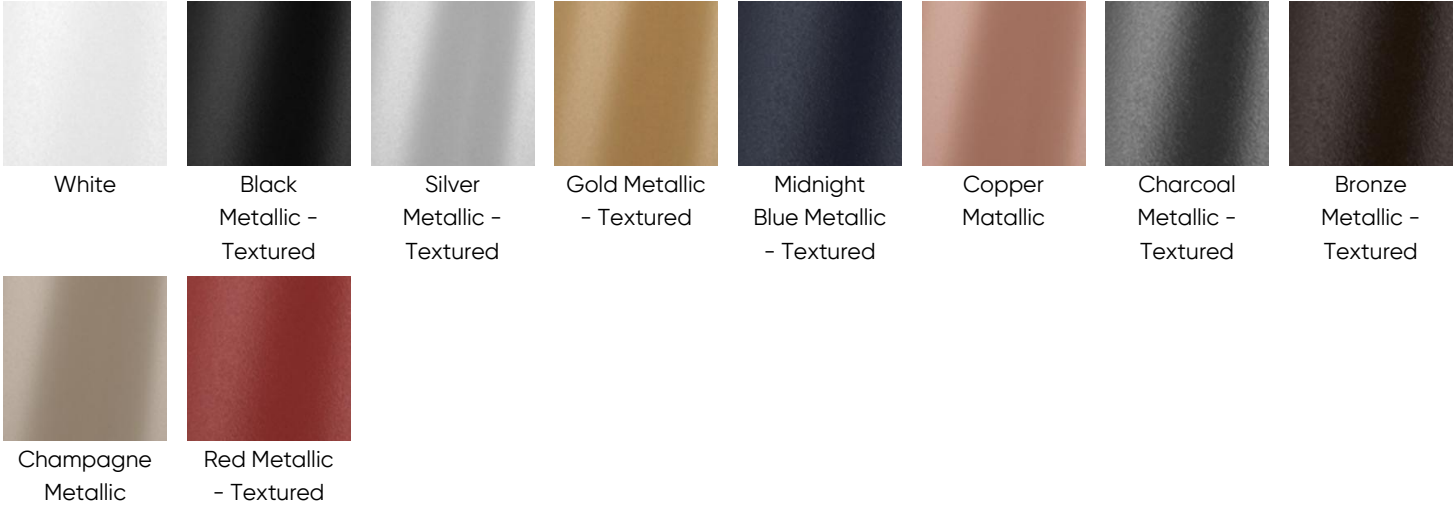


**FIXTURE FINISH**



<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**

|   |   |                                   |   |
|---|---|-----------------------------------|---|
| <b>LELQ1P01</b> 32" Sq, Direct          | <b>LELQ1P02</b> 56" Sq, Direct                | <b>LELQ1P05</b> 32" x 56", Direct | <b>LELQ2P01</b> 32" Sq, Direct/Indirect |
| <b>LELQ2P02</b> 56" Sq, Direct/Indirect | <b>LELQ2P05</b> 32" x 56",<br>Direct/Indirect |                                   |   |

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

**2. LOUVER**

|                            |                  |                         |                       |
|----------------------------|------------------|-------------------------|-----------------------|
| <b>LV1</b> Frosted         | <b>LV2</b> Black | <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             |                                      |                                      |

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

**6. CCT (DIRECT)**

|                    |                    |                    |                    |
|--------------------|--------------------|--------------------|--------------------|
| <b>CTA27</b> 2700K | <b>CTA30</b> 3000K | <b>CTA35</b> 3500K | <b>CTA40</b> 4000K |
|--------------------|--------------------|--------------------|--------------------|

**7. CCT (INDIRECT)**

|                           |                    |                    |                    |
|---------------------------|--------------------|--------------------|--------------------|
| <b>CTB00</b> Not required | <b>CTB30</b> 3000K | <b>CTB35</b> 3500K | <b>CTB40</b> 4000K |
|---------------------------|--------------------|--------------------|--------------------|

**8. DIRECT LENS**

|                    |
|--------------------|
| <b>DD4</b> Comfort |
|--------------------|

**9. INDIRECT LENS**

|                         |                            |
|-------------------------|----------------------------|
| <b>UD0</b> Not required | <b>UD1</b> 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 (REMOTE)

**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 Metallic           | <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 FROSTED LOUVER WITH COMFORT LENS (DD4)**

|  | LUMEN/FT | WATT/FT | LPW |
|--|----------|---------|-----|
|  | 1200     | 13      | 101 |
|  | 1000     | 9       | 107 |
|  | 800      | 7       | 109 |
|  | 700      | 6       | 111 |
|  | 600      | 5       | 115 |
|  | 500      | 4       | 115 |
|  | 400      | 3       | 115 |
|  | 300      | 3       | 116 |
|  | 200      | 2       | 121 |

**DIRECT BLACK LOUVER WITH COMFORT LENS (DD4)**

|  | LUMEN/FT | WATT/FT | LPW |
|--|----------|---------|-----|
|  | 500      | 13      | 40  |
|  | 400      | 9       | 42  |
|  | 300      | 7       | 43  |
|  | 200      | 5       | 45  |
|  | 100      | 2       | 47  |

**DIRECT SATIN CHROME LOUVER WITH COMFORT LENS (DD4)**

|  | LUMEN/FT | WATT/FT | LPW |
|--|----------|---------|-----|
|  | 800      | 13      | 60  |
|  | 700      | 11      | 60  |
|  | 600      | 9       | 63  |
|  | 500      | 7       | 65  |
|  | 400      | 5       | 68  |
|  | 300      | 3       | 68  |
|  | 200      | 3       | 68  |
|  | 100      | 2       | 69  |

**DIRECT SATIN GOLD LOUVER WITH DIFFUSED LENS (DD4)**

|  | LUMEN/FT | WATT/FT | LPW |
|--|----------|---------|-----|
|  | 800      | 13      | 59  |
|  | 700      | 11      | 59  |
|  | 600      | 9       | 62  |
|  | 500      | 7       | 63  |
|  | 400      | 5       | 66  |
|  | 300      | 3       | 66  |
|  | 200      | 3       | 66  |
|  | 100      | 2       | 68  |

**DIRECT SATIN CHAMPAGNE LOUVER WITH COMFORT LENS (DD4)**

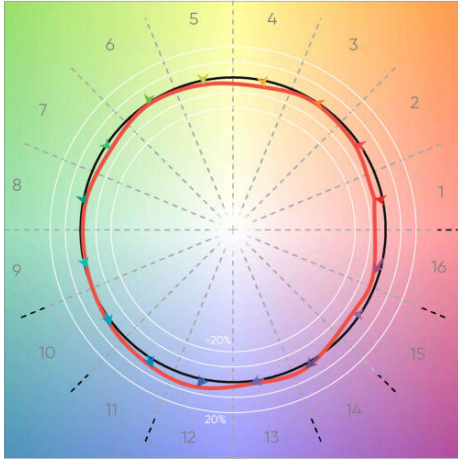
|  | LUMEN/FT | WATT/FT | LPW |
|--|----------|---------|-----|
|  | 800      | 13      | 60  |
|  | 700      | 11      | 60  |
|  | 600      | 9       | 63  |
|  | 500      | 7       | 65  |
|  | 400      | 5       | 68  |
|  | 300      | 3       | 68  |
|  | 200      | 3       | 68  |
|  | 100      | 2       | 69  |

**INDIRECT BATWING (UD1)**

|  | LUMEN/FT | 200 | LPW |
|--|----------|-----|-----|
|  | 1600     | 13  | 129 |
|  | 1200     | 9   | 137 |
|  | 1000     | 7   | 140 |
|  | 750      | 5   | 146 |
|  | 500      | 3   | 147 |
|  | 250      | 2   | 152 |

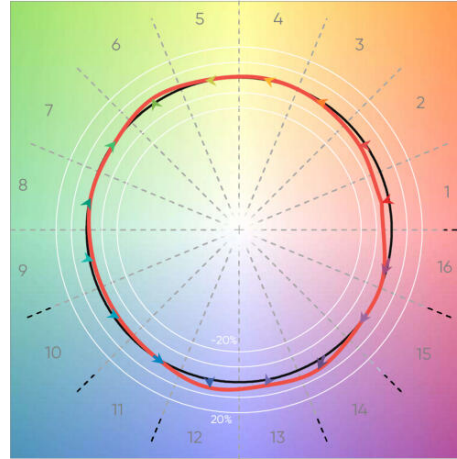
**8** TM-30 DATA

**CCT 2700K**



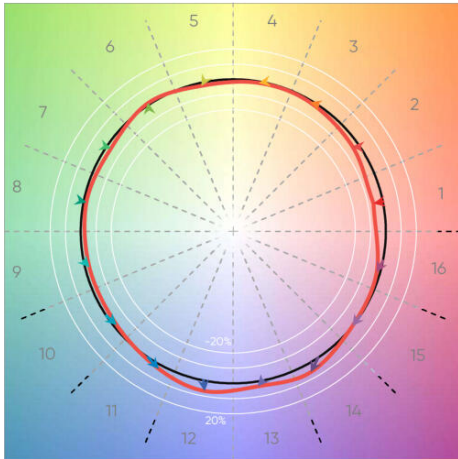
|                 |         |
|-----------------|---------|
| <b>CRI(Ra)</b>  | 93      |
| <b>CRI(R9)</b>  | 61      |
| <b>TM30(Rf)</b> | 91      |
| <b>TM30(Rg)</b> | 98      |
| <b>Duv</b>      | -0.0022 |

**CCT 3000K**



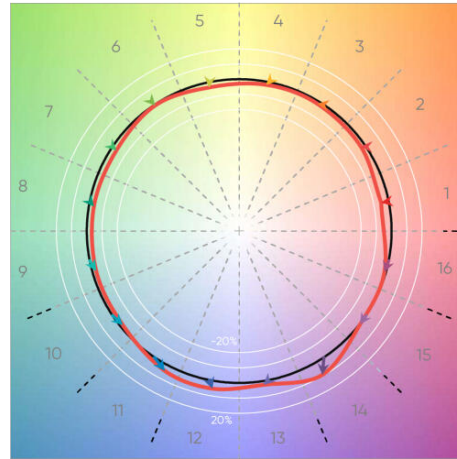
|                 |         |
|-----------------|---------|
| <b>CRI(Ra)</b>  | 92      |
| <b>CRI(R9)</b>  | 58      |
| <b>TM30(Rf)</b> | 92      |
| <b>TM30(Rg)</b> | 100     |
| <b>Duv</b>      | -0.0003 |

**CCT 3500K**



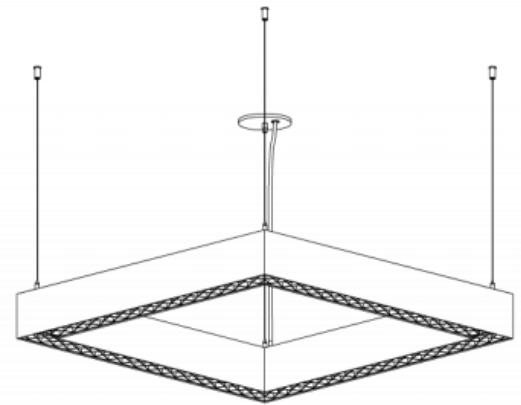
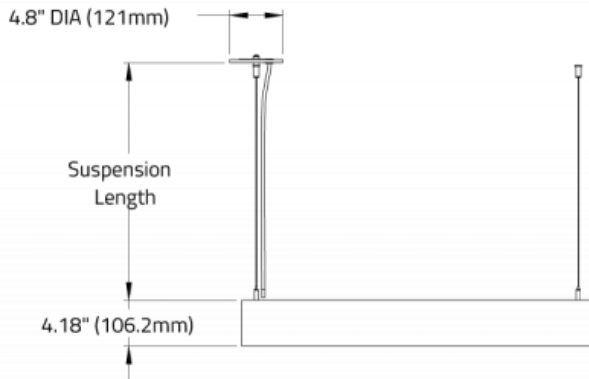
|                 |         |
|-----------------|---------|
| <b>CRI(Ra)</b>  | 91      |
| <b>CRI(R9)</b>  | 53      |
| <b>TM30(Rf)</b> | 90      |
| <b>TM30(Rg)</b> | 99      |
| <b>Duv</b>      | -0.0007 |

**CCT 4000K**

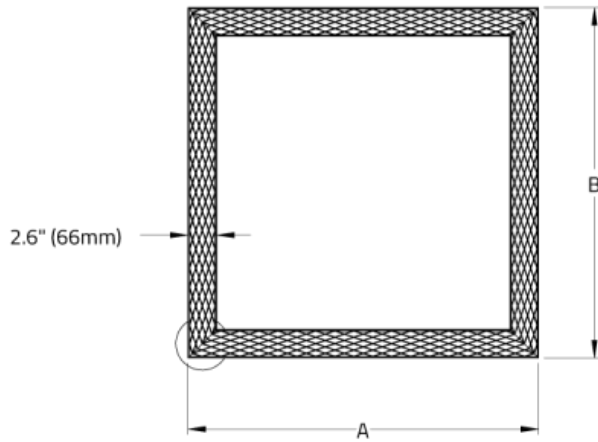


|                 |        |
|-----------------|--------|
| <b>CRI(Ra)</b>  | 93     |
| <b>CRI(R9)</b>  | 64     |
| <b>TM30(Rf)</b> | 90     |
| <b>TM30(Rg)</b> | 98     |
| <b>Duv</b>      | 0.0000 |

**9** DIMENSIONAL DIAGRAMS



ISOMETRIC BOTTOM VIEW



| Luminaire         | A                 | B                 |
|-------------------|-------------------|-------------------|
| LELQ1P01/LELQ2P01 | 31.76" (806.6mm)  | 31.76" (806.6mm)  |
| LELQ1P02/LELQ2P02 | 55.76" (1416.2mm) | 55.76" (1416.2mm) |
| LELQ1P05/LELQ2P05 | 31.76" (806.6mm)  | 55.76" (1416.2mm) |