



# LE LOUVRE™

## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

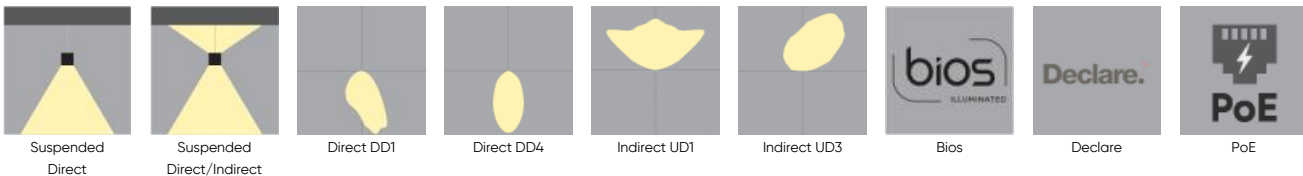


QUANTITIES

### 1 DESCRIPTION

The striking new concept in louver technology is disrupting the linear lighting category, and taking glare control to new heights with a UGR <19. Our 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. The selection of louvers can offer either a monochromatic appearance to blend into the space or create contrast to highlight the structure and uniqueness of the **LE LOUVRE** in a space. This stunning luminaire can also deliver up to 130 lumens per watt while controlling glare so effectively.

### 2 OPTICS & FEATURES



### 3 APPROVALS



**4 GENERAL SPECIFICATION**

**BODY**

Aluminum.

**SUSPENSION**

Steel cables.

**DRIVERS**

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

**POE**

Can be integrated into your data network via Power over Ethernet (PoE) connectivity.

**DELIVERED LUMENS**

Delivered lumens & LPW based on 4000K CRI 80+

**REPORTED L70 @25°C (77°F)**

> 60,000 hrs @ 2000 lumens/ft (6000 lumens/m)

**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.

**TUNABLE WHITE**

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

**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.

**FINISH**

Powder coated

**POWER CABLE**

Silver braided.

**LENS**

Opal acrylic. 2.4" width.

**BIOS**

For circadian lighting, consult factory.

**MECHANICAL**

Luminaires mount directly over J box (by others).

**ESTIMATED L70 @25°C (77°F)**

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

**SENSORS**

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

**RGBW**

RGBW available, consult factory.

**DESIGNED BY**

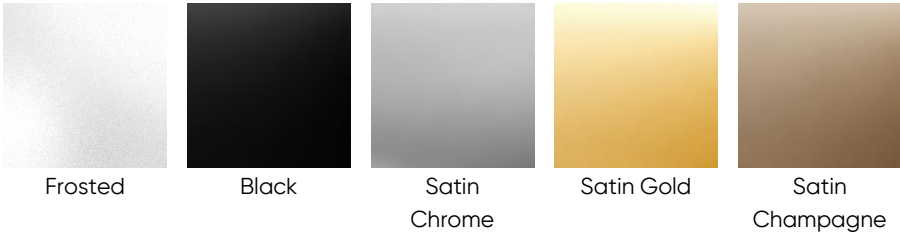
Serge Cornelissen.

**SEISMIC BRACING**

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

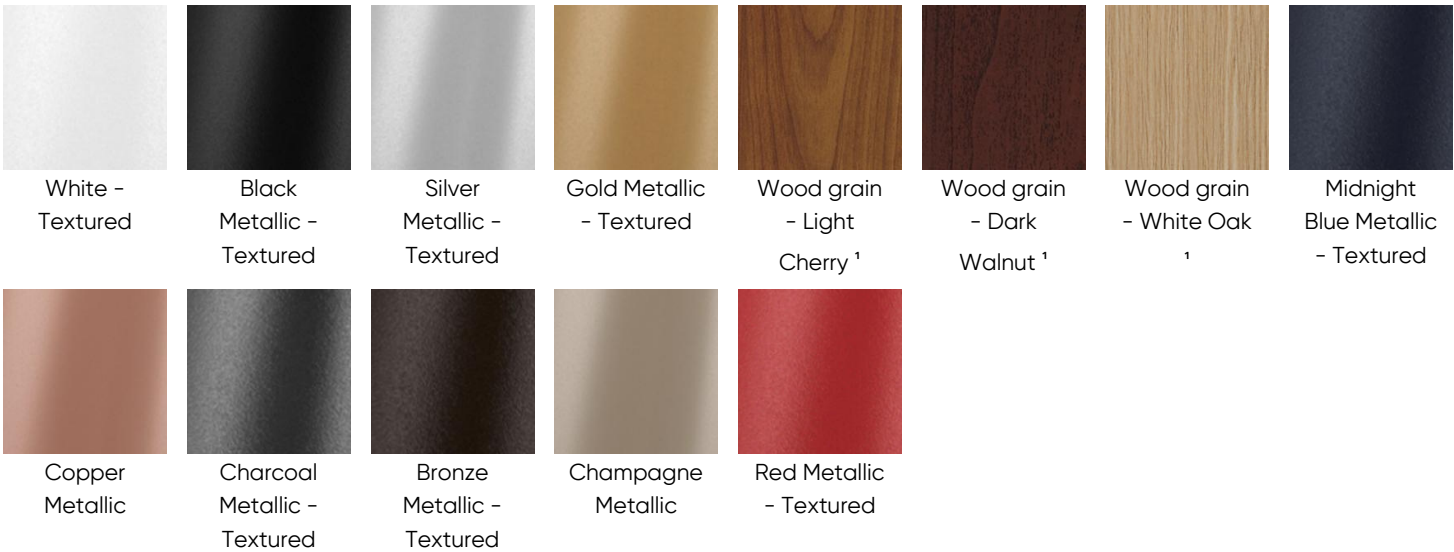
**5 DESIGN OPTIONS**

**LOUVER**



Refer to the performance data for the output specifications of each louver option.

**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**

**LELP1P** Direct                      **LELP2P** Direct/Indirect

One power cord for every 50 linear feet.

**2. LENGTH OF RUN**

The minimum length of order is 4'. Lengths are to be in 2' increments. Example:

4' = SFA040, 10' = SFA100, 50' = SFA500

For runs over 50ft in length, consult factory.

SFA\_ \_ \_

**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 40' run is required and SL12 (12') is selected, we would provide 4 10' segments. For special requirements, please contact sales@betacalco.com.

#### 4. LOUVER

|                            |                  |                         |                       |
|----------------------------|------------------|-------------------------|-----------------------|
| <b>LV1</b> Frosted         | <b>LV2</b> Black | <b>LV4</b> Satin Chrome | <b>LV6</b> Satin Gold |
| <b>LV9</b> Satin Champagne |                  |                         |                       |

Refer to the performance data for the output specifications of each louver option.

#### 5. LM/FT (DIRECT)

|                          |                          |                         |                         |
|--------------------------|--------------------------|-------------------------|-------------------------|
| <b>LPF010</b> 100 lm/ft  | <b>LPF020</b> 200 lm/ft  | <b>LPF030</b> 300 lm/ft | <b>LPF040</b> 400 lm/ft |
| <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.

#### 6. LM/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 |                         |

Consult website for available lumens/ft.  
All data shown based on DD3 diffuser.

#### 7. CRI

|                     |                     |
|---------------------|---------------------|
| <b>CR80</b> CRI 80+ | <b>CR90</b> CRI 90+ |
|---------------------|---------------------|

#### 8. CCT (DIRECT)

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

#### 9. CCT (INDIRECT)

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

#### 10. DIRECT LENS

|                                    |                    |
|------------------------------------|--------------------|
| <b>DD1</b> Asymmetric <sup>1</sup> | <b>DD4</b> Comfort |
|------------------------------------|--------------------|

<sup>1</sup> Recommended for use with Frosted louver only. 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.

## 11. INDIRECT LENS

**UD0** Not required                      **UD1** Batwing                      **UD3** Asymmetric <sup>1</sup>

<sup>1</sup> Available up to 1200 lm/ft.

## 12. 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.

## 13. 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> Only available with DA01 dimming. <sup>3</sup> Only available with DA45 dimming.

## 14. 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 347V. <sup>2</sup> Not available in North America. <sup>3</sup> Only available with V4.

## 15. CEILING TYPE

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

The cost for the canopies, power cables, connections 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.

## 16. SUSPENSION

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

## 17. FIXTURE FINISH

|  |   |   |   |
|--|---|---|---|
| <b>FA01</b> White – Textured                       | <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>FA30</b> Wood grain – White Oak <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> Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

## 18. 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   |  |  |

## 19. 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> A drawing will be required at the time of ordering to determine the required number and location of the emergency sections or generator circuits. Available upon request, consult factory for details. Not available with 347V.

## 20. CIRCUITS

|                           |                                      |
|---------------------------|--------------------------------------|
| <b>CS1</b> Single circuit | <b>CS2</b> Dual circuit <sup>1</sup> |
|---------------------------|--------------------------------------|

<sup>1</sup> Independent control of uplight for LELP2P.

## 21. SENSORS

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

## 7 TECHNICAL DATA

### LUMINAIRE

One power cord for every 50 linear feet.

| Code            | LELP1P | LELP2P          |
|-----------------|--------|-----------------|
| Light Direction | Direct | Direct/Indirect |

**8** PERFORMANCE DATA

**DIRECT FROSTED LOUVER WITH ASSYMETRIC LENS (DD1)**

|      | LUMEN/FT | WATT/FT | LPW |
|------|----------|---------|-----|
| 1200 | 1200     | 13      | 111 |
| 1000 | 1000     | 9       | 115 |
| 800  | 800      | 7       | 119 |
| 700  | 700      | 6       | 122 |
| 600  | 600      | 5       | 123 |
| 500  | 500      | 4       | 124 |
| 400  | 400      | 3       | 125 |
| 300  | 300      | 3       | 125 |
| 200  | 200      | 2       | 132 |

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

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

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

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

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

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

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

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

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

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

**INDIRECT BATWING (UD1)**

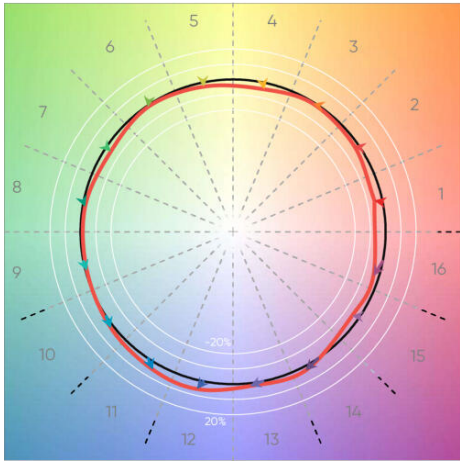
|      | LUMEN/FT | WATT/FT | LPW |
|------|----------|---------|-----|
| 1600 | 1600     | 13      | 129 |
| 1200 | 1200     | 9       | 137 |
| 1000 | 1000     | 7       | 140 |
| 750  | 750      | 5       | 146 |
| 500  | 500      | 3       | 147 |
| 250  | 250      | 2       | 152 |

**INDIRECT ASYMMETRIC (UD3)**

|      | LUMEN/FT | WATT/FT | LPW |
|------|----------|---------|-----|
| 1200 | 1200     | 13      | 97  |
| 1000 | 1000     | 10      | 100 |
| 750  | 750      | 8       | 103 |
| 500  | 500      | 5       | 107 |
| 250  | 250      | 2       | 112 |

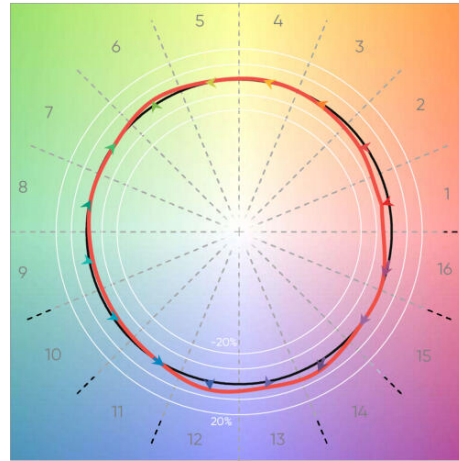
9 TM-30 DATA

**CCT 2700K**



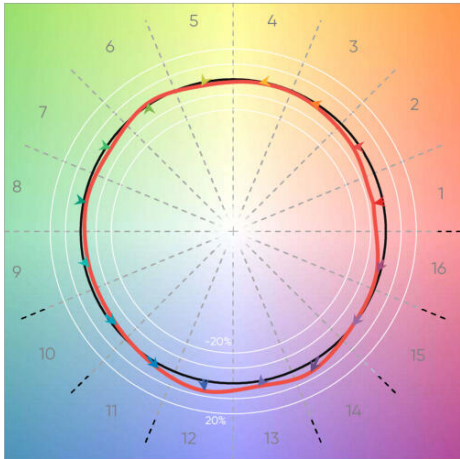
|                 |         |
|-----------------|---------|
| <b>CRI(Ra)</b>  | 93      |
| <b>CRI(R9)</b>  | 61      |
| <b>TM30(Rf)</b> | 91      |
| <b>TM30(Rg)</b> | 98      |
| <b>Duv</b>      | -0.0022 |

**CCT 3000K**



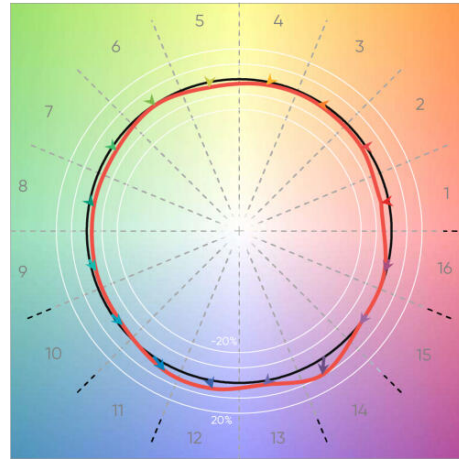
|                 |         |
|-----------------|---------|
| <b>CRI(Ra)</b>  | 92      |
| <b>CRI(R9)</b>  | 58      |
| <b>TM30(Rf)</b> | 92      |
| <b>TM30(Rg)</b> | 100     |
| <b>Duv</b>      | -0.0003 |

**CCT 3500K**



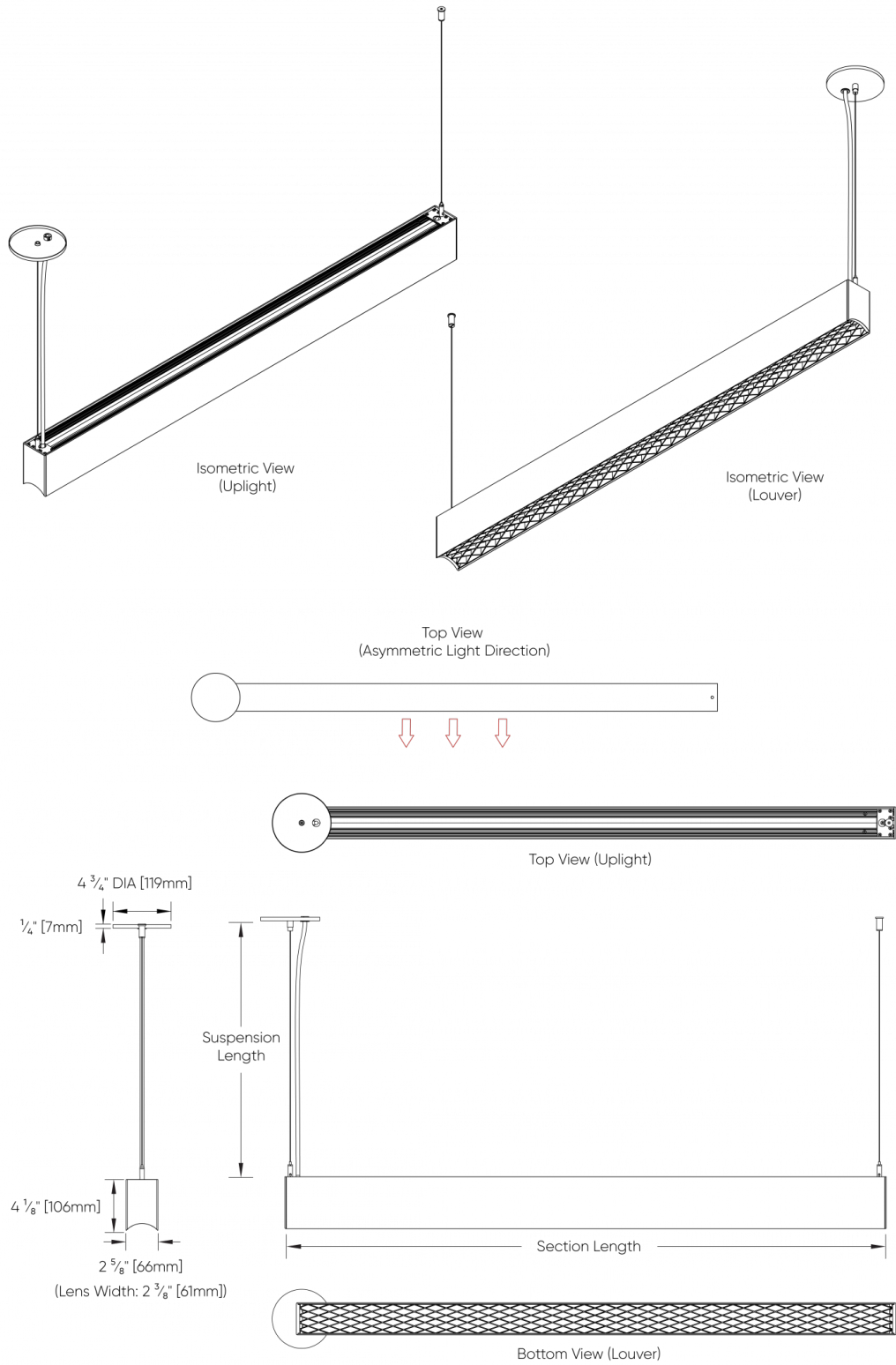
|                 |         |
|-----------------|---------|
| <b>CRI(Ra)</b>  | 91      |
| <b>CRI(R9)</b>  | 53      |
| <b>TM30(Rf)</b> | 90      |
| <b>TM30(Rg)</b> | 99      |
| <b>Duv</b>      | -0.0007 |

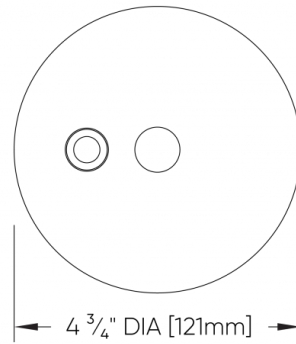
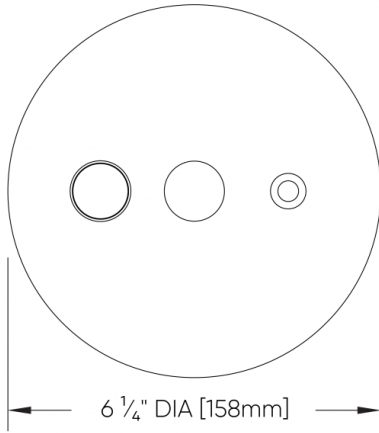
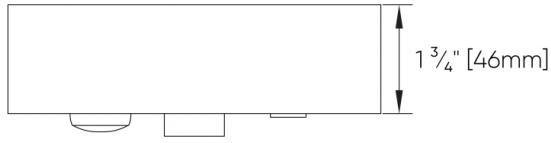
**CCT 4000K**



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





Canopy with Sensor

Standard Canopy