



# LE LOUVRE™

## FULL SPECIFICATION SHEET



Fixture Type

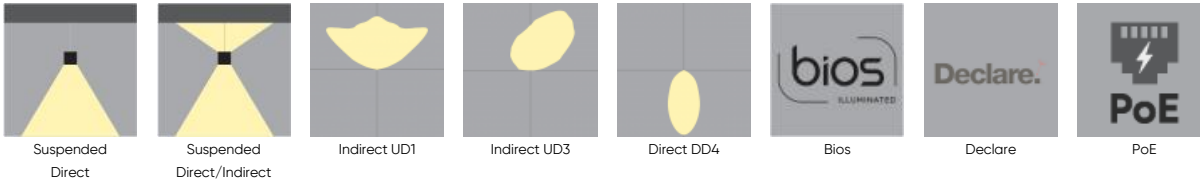
Fixture Code

Quantities

### 1 DESCRIPTION

The striking new concept in louver technology is disrupting the linear lighting category, and taking glare control to new heights. 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.

### 2 MOUNTING & OPTICS



### 3 APPROVALS



### 4 GENERAL SPECIFICATION

#### BODY

Aluminum.

#### FINISH

Powder coated

#### SUSPENSION

Steel cables.

#### POWER CABLE

Silver braided.

**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.

**DIFFUSER**

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.

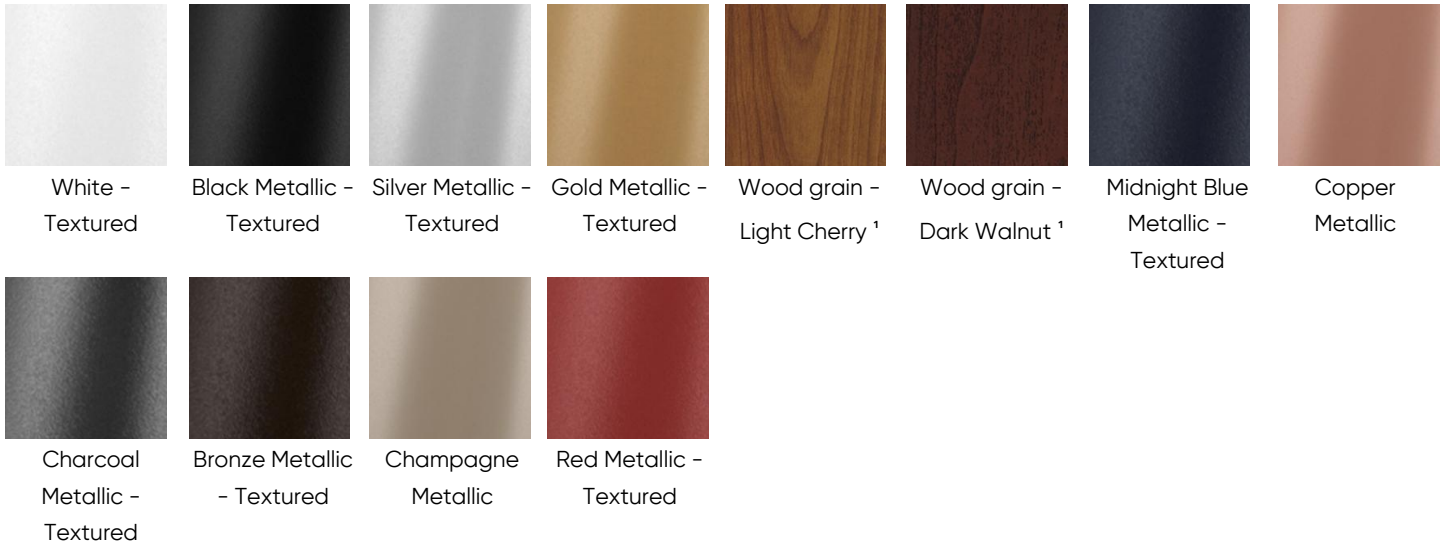
**5 DESIGN OPTIONS**

**LOUVER**



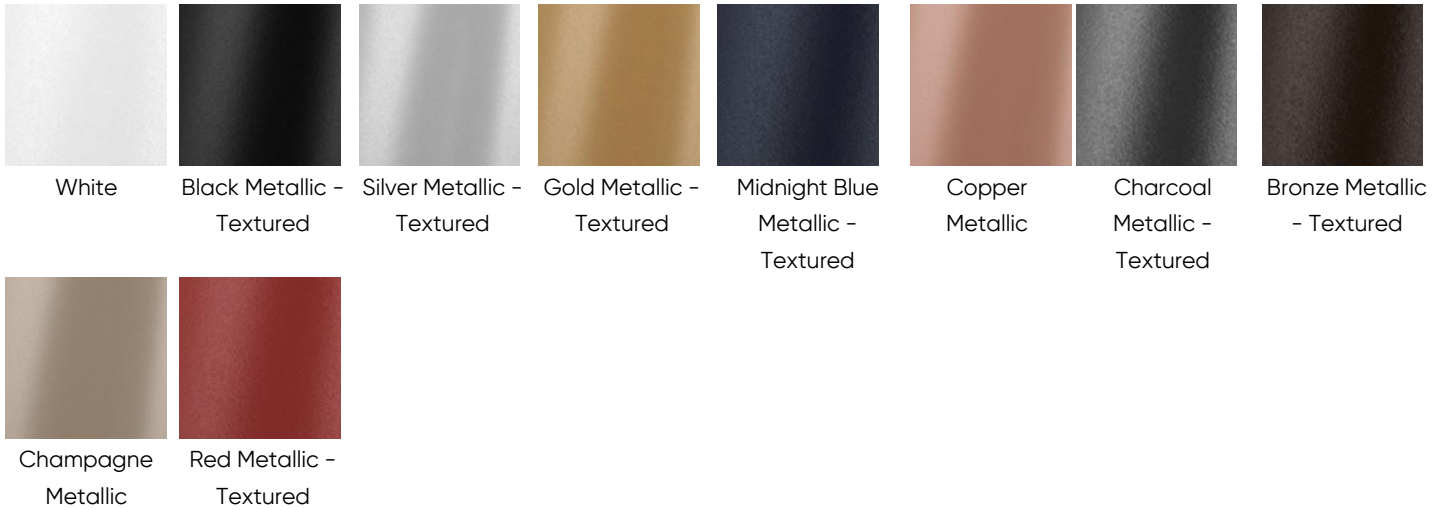
Refer to the performance data for the output specifications of each louver option.

**FINISH**



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

**CANOPY FINISH**



**6 HOW TO ORDER**

**A. LUMINAIRE**

**LLEP1P** Direct                      **LLEP2P** Direct/Indirect

One power cord for every 50 linear feet.

**B. LENGTH OF RUN**

**SFA** \_ \_ \_

The minimum length of order is 4ft. Lengths are to be in 2ft increments.

Example: 4ft = SFA040

Example: 10ft = SFA100

Example: 50ft = SFA500

For runs over 50ft in length, consult factory.

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

### D. 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.

### E. 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.

### F. 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.

### G. CRI

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

<b>CTA27</b> 2700K	<b>CTA30</b> 3000K	<b>CTA35</b> 3500K	<b>CTA40</b> 4000K
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### I. CCT (INDIRECT)

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

### J. DIRECT DIFFUSER

<b>DD1</b> Asymmetric diffuser <sup>1</sup>	<b>DD4</b> Comfort diffuser
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<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.

### K. UPLIGHT DIFFUSER

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

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

### L. 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.

### M. 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.

### N. 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.

### O. 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.

## P. SUSPENSION

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

## Q. FIXTURE FINISH

**FA01** White – Textured      **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>      **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> Longer than normal lead times may apply, consult factory.

## R. CANOPY FINISH

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

## S. EMERGENCY

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

## T. CIRCUITS

**CS1** Single circuit      **CS2** Dual circuit <sup>1</sup>

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

## U. SENSORS

**7** TECHNICAL DATA

**LUMINAIRE**

One power cord for every 50 linear feet.

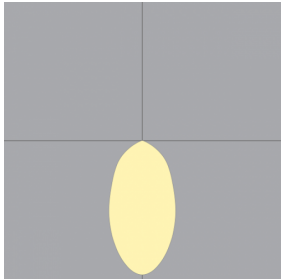
<b>Code</b>	<b>LELP1P</b>	<b>LELP2P</b>
<b>Light Direction</b>	Direct	Direct/Indirect

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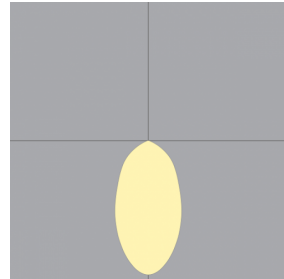
**8 PERFORMANCE DATA**

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



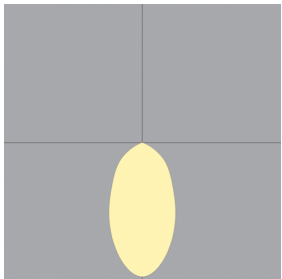
LUMEN/FT	WATT/FT	LPW
1200	13	101
1000	9	107
800	7	109
700	6	111
600	5	115
500	4	115
400	3	115
300	2	116
200		121

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



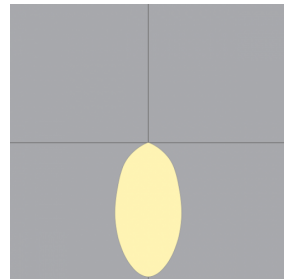
LUMEN/FT	WATT/FT	LPW
500	13	40
400	9	42
300	7	43
200	5	45
100	2	47

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



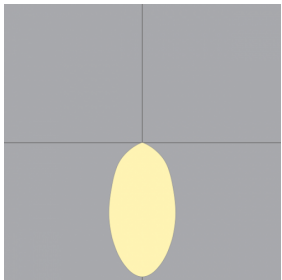
LUMEN/FT	WATT/FT	LPW
800	13	60
700	11	60
600	9	63
500	7	65
400	5	68
300	3	68
200	3	68
100	2	69

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



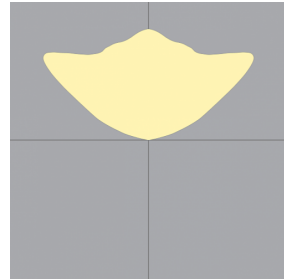
LUMEN/FT	WATT/FT	LPW
800	13	59
700	11	59
600	9	62
500	7	63
400	5	66
300	3	66
200	3	66
100	2	68

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



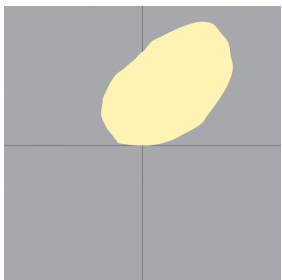
LUMEN/FT	WATT/FT	LPW
800	13	60
700	11	60
600	9	63
500	7	65
400	5	68
300	3	68
200	3	68
100	2	69

**INDIRECT BATWING (UD1)**



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

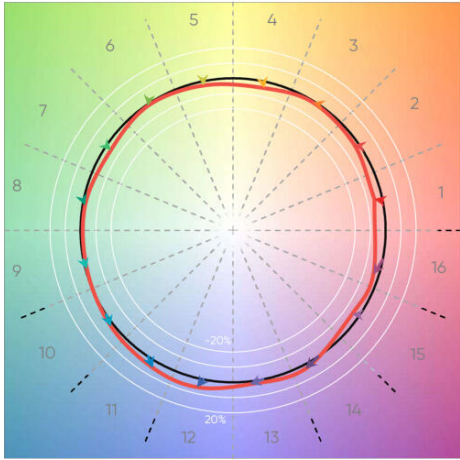
**INDIRECT ASYMMETRIC (UD3)**



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

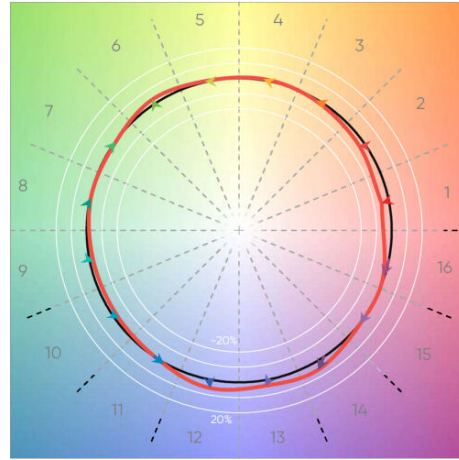
9 TM-30 DATA

**CCT 2700K**



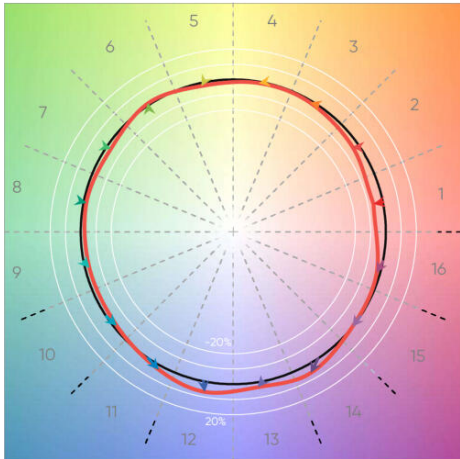
<b>CRI(Ra)</b>	93
<b>CRI(R9)</b>	61
<b>TM30(Rf)</b>	91
<b>TM30(Rg)</b>	98
<b>Duv</b>	-0.0022

**CCT 3000K**



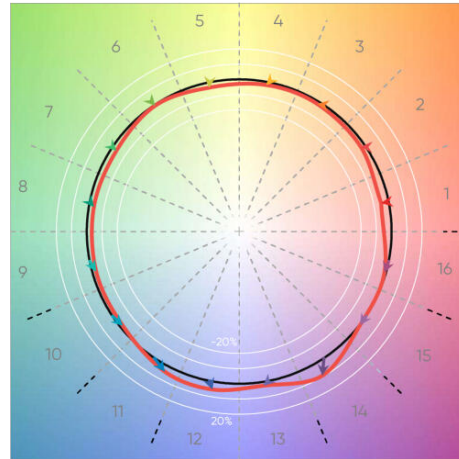
<b>CRI(Ra)</b>	92
<b>CRI(R9)</b>	58
<b>TM30(Rf)</b>	92
<b>TM30(Rg)</b>	100
<b>Duv</b>	-0.0003

**CCT 3500K**



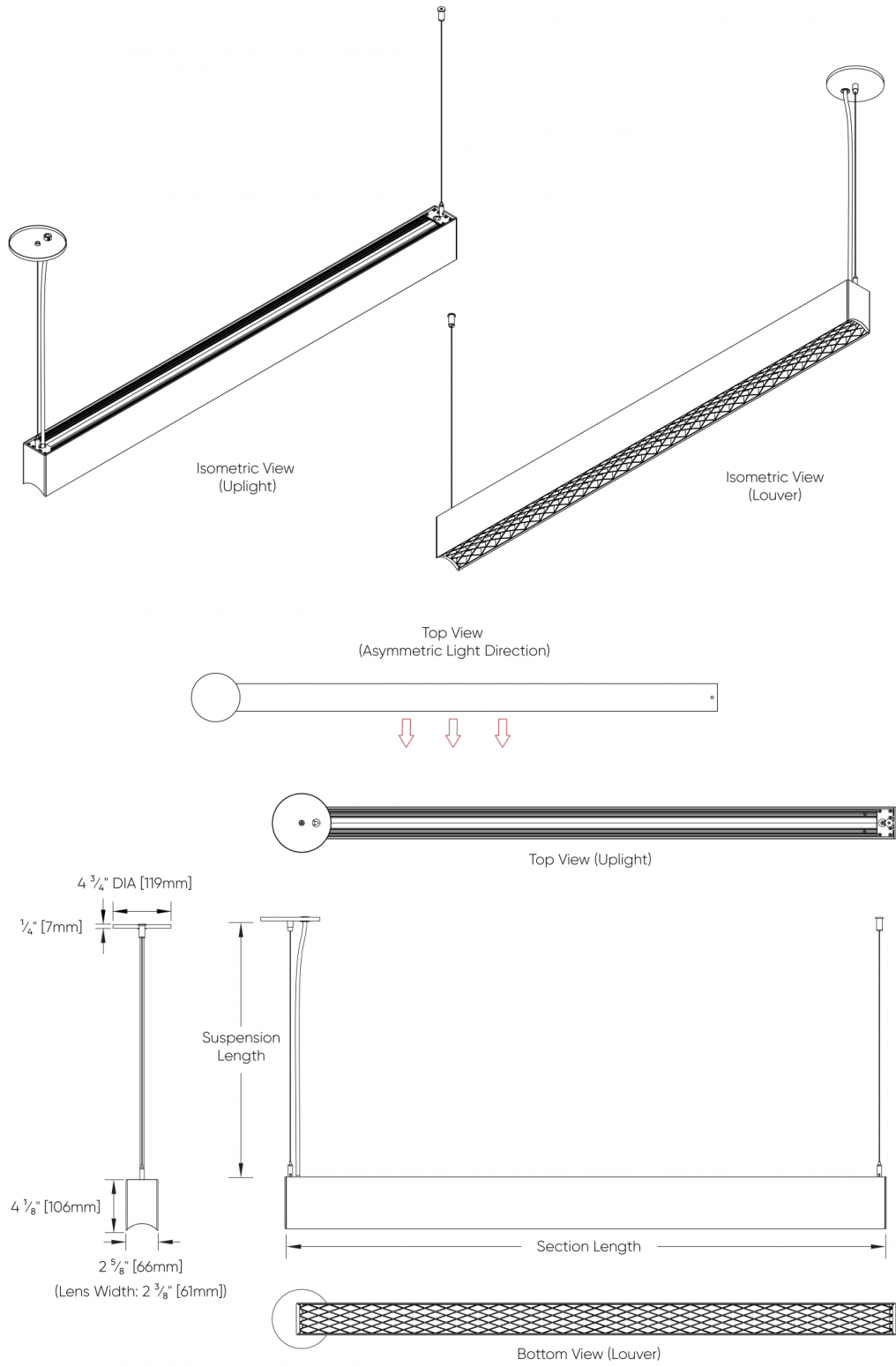
<b>CRI(Ra)</b>	91
<b>CRI(R9)</b>	53
<b>TM30(Rf)</b>	90
<b>TM30(Rg)</b>	99
<b>Duv</b>	-0.0007

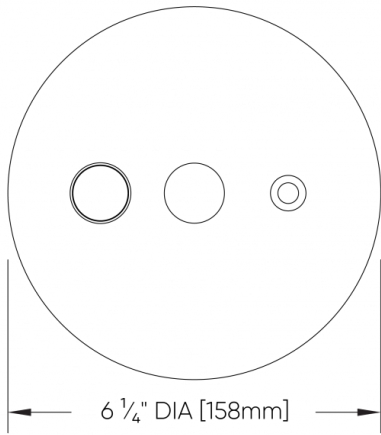
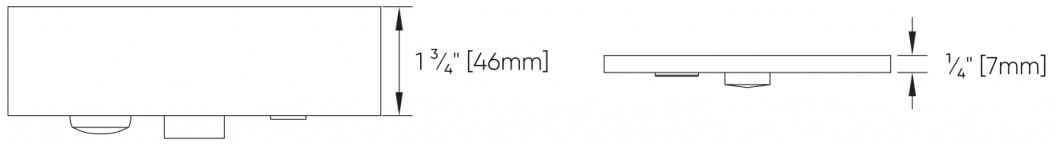
**CCT 4000K**



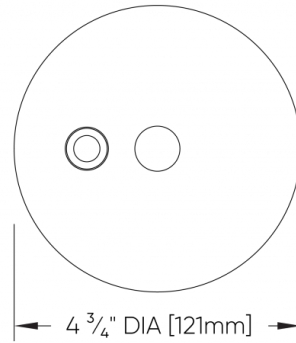
<b>CRI(Ra)</b>	93
<b>CRI(R9)</b>	64
<b>TM30(Rf)</b>	90
<b>TM30(Rg)</b>	98
<b>Duv</b>	0.0000

**10** DIMENSIONAL DIAGRAMS





Canopy with Sensor



Standard Canopy