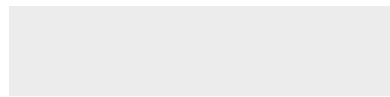
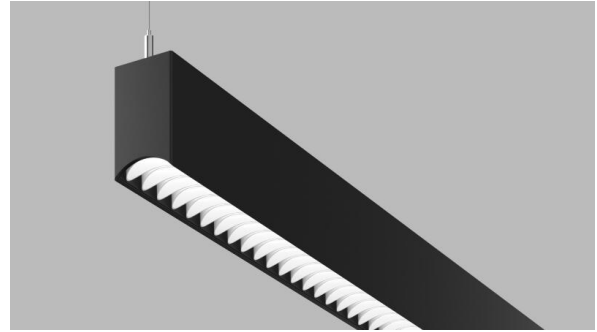


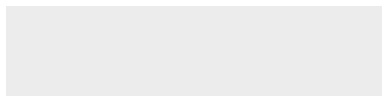


OOOOH™

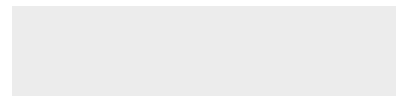
## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

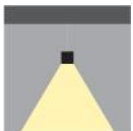


QUANTITIES

### 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. Ooooh presents a simple way to transform a functional light into a luxurious design feature.

### 2 OPTICS & FEATURES



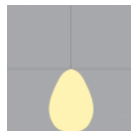
Suspended  
Direct



Suspended  
Direct/Indirect



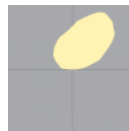
Direct DD1



Direct DD4



Indirect UD1



Indirect UD3



Bios



Declare



PoE



Tunable White

### 3 APPROVALS



### 4 GENERAL SPECIFICATION

#### BODY

Aluminum.

#### FINISH

Powder coated.

## SUSPENSION

Steel cables.

## POE

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

## DRIVERS

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

## 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)

## MECHANICAL

Luminaires mount directly over J box (by others).

## 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.

## POWER CABLE

Silver braided.

## BIOS

For circadian lighting, consult factory.

## LENS

Opal acrylic. 2.4" width.

## 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+

## 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

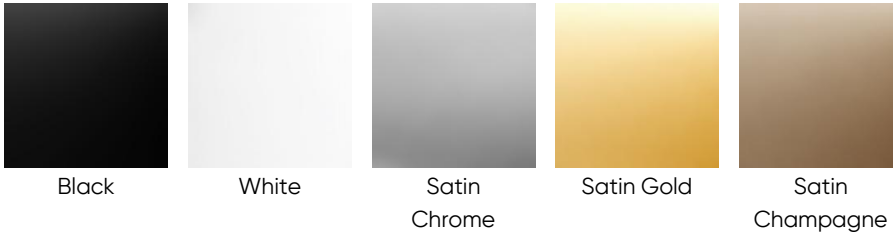
Damp Rated.

## DESIGN

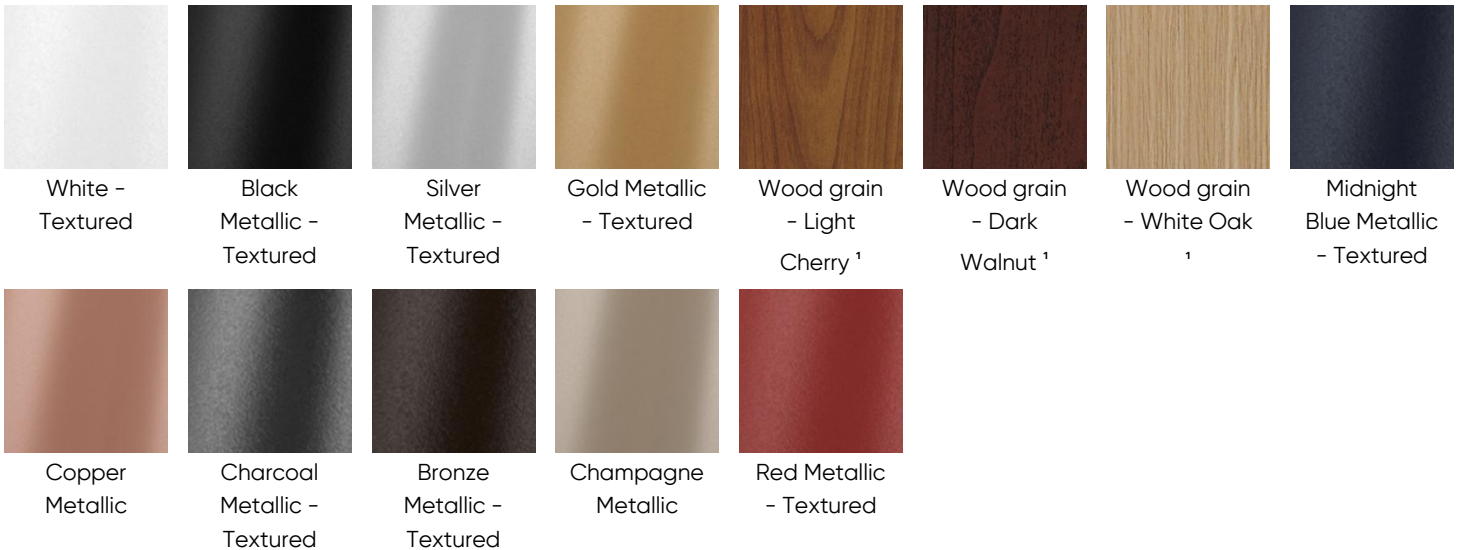
US Pat. No. D969,395.

**5 DESIGN OPTIONS**

**LOUVER**

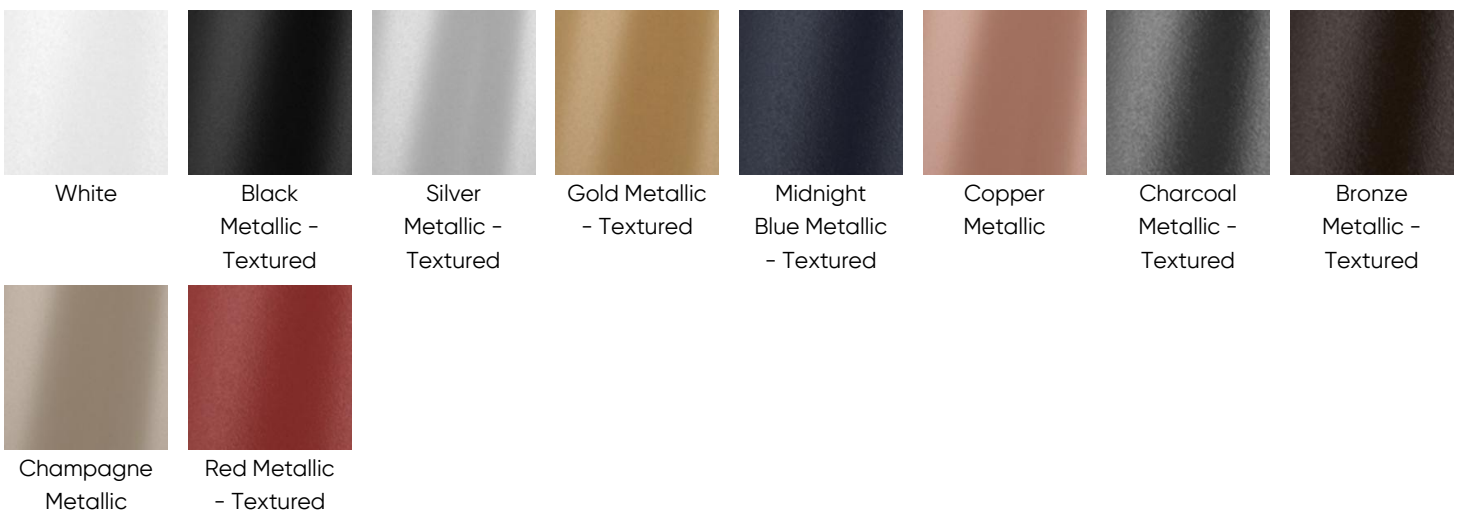


**FINISH**



<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

**HLNL1P** Direct                      **HLNL2P** 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' = SFA0400, 10' = SFA1000, 50' = SFA5000

For runs over 50' in length, consult factory.

SFA\_ \_ \_ \_

### 3. MAX LENGTH PER SECTION

<b>SL04</b> 4ft	<b>SL06</b> 6ft	<b>SL08</b> 8ft	<b>SL10</b> 10ft
<b>SL12</b> 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](mailto:sales@betacalco.com).

### 4. LOUVER

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

### 5. LM/FT (DIRECT)

<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	<b>LPF130</b> 1300 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>LPG020</b> 200 lm/ft	<b>LPG040</b> 400 lm/ft	<b>LPG060</b> 600 lm/ft
<b>LPG080</b> 800 lm/ft	<b>LPG100</b> 1000 lm/ft	<b>LPG120</b> 1200 lm/ft	<b>LPG140</b> 1400 lm/ft
<b>LPG165</b> 1650 lm/ft			

Consult website for available lumens/ft.

## 7. CRI

**CR80** CRI 80+

**CR90** CRI 90+

## 8. CCT DIRECT

**CTA27** 2700K

**CTA30** 3000K

**CTA35** 3500K

**CTA40** 4000K

**CTA60** Tunable White <sup>1</sup>

<sup>1</sup> Consult factory.

## 9. CCT INDIRECT

**CTB00** Not required

**CTA27** 2700K

**CTB30** 3000K

**CTB35** 3500K

**CTB40** 4000K

**CTB60** Tunable White <sup>1</sup>

<sup>1</sup> Consult factory.

## 10. DIRECT LENS

**DD1** Asymmetric

**DD4** Comfort

<sup>1</sup> 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** Clear (Batwing distribution)

**UD3** Asymmetric <sup>1</sup>

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

## 12. UPLIGHT 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

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

<sup>1</sup> Not available with V3. <sup>2</sup> Not available in North America. <sup>3</sup> Only available with V4.

## 15. CEILING TYPE

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

<b>HLA03</b> 3ft cable suspension	<b>HLA06</b> 6ft cable suspension	<b>HLA09</b> 9ft cable suspension
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## 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>
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<sup>1</sup> A drawing will be required at time of ordering to determine the required number and location of the emergency sections or generator circuits. Not available in 347V.

## 20. CIRCUITS

**CS1** Single circuit

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

<sup>1</sup> Independent control of uplight for HLNP2P.

## 21. SENSORS

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

## 7 TECHNICAL DATA

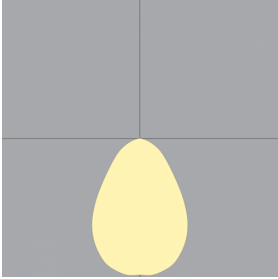
### LUMINAIRE

One power cord for every 50 linear feet.

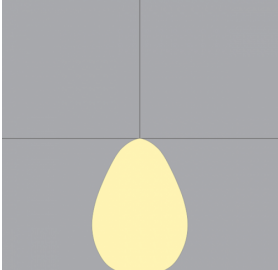
Code	HLNL1P	HLNL2P
Light Direction	Direct	Direct/Indirect

## 8 PERFORMANCE DATA

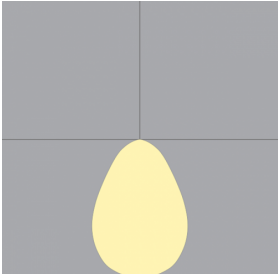
### DIRECT COMFORT (DD4) - WHITE LOUVER

	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

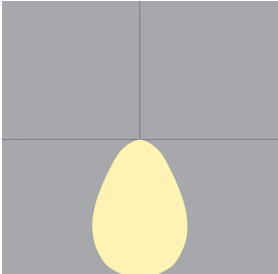
### DIRECT COMFORT (DD4) - BLACK LOUVER

	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

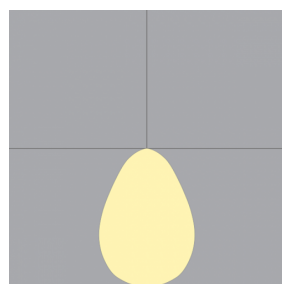
	LUMEN/FT	WATT/FT	LPW
	1000	13	84
	800	9	87
	700	9	89
	600	7	90
	500	5	93
	400	4	95
	300	3	95
	200	2	98

### 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

# **OOOOH™ - SUSPENDED CONTINUOUS** FULL SPECIFICATION SHEET

## DIRECT COMFORT (DD4) - SATIN CHAMPAIGN LOUVER



### LUMEN/FT

1000  
800  
700  
600  
500  
400  
300  
200

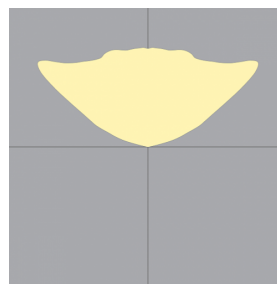
### WATT/FT

13  
9  
9  
7  
5  
4  
3  
2

### LPW

84  
87  
89  
90  
93  
95  
95  
98

## INDIRECT BATWING (UD1)



### LUMEN/FT

1600  
1400  
1200  
1000  
800  
600  
400  
200

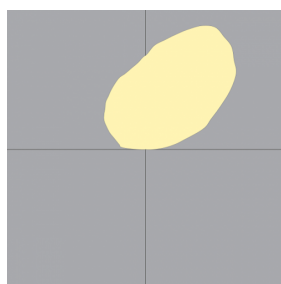
### WATT/FT

13  
10  
9  
7  
6  
4  
3  
1

### LPW

133  
138  
142  
245  
247  
151  
154  
154

## INDIRECT ASYMMETRIC (UD3)



### LUMEN/FT

1200  
1000  
800  
600  
400  
200

### WATT/FT

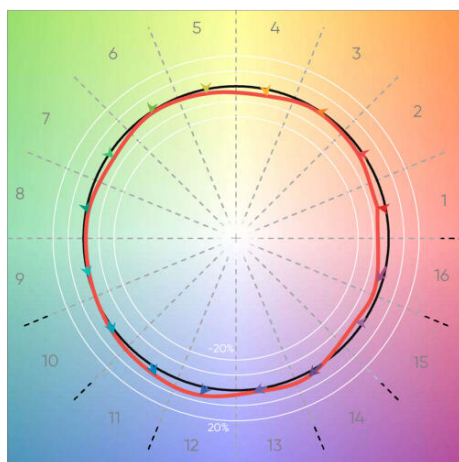
13  
10  
9  
6  
4  
2

### LPW

97  
100  
102  
107  
107  
109  
112

## 9 TM-30 DATA

### CCT 2700K



**CRI(Ra)**

93

**CRI(R9)**

61

**TM30(Rf)**

91

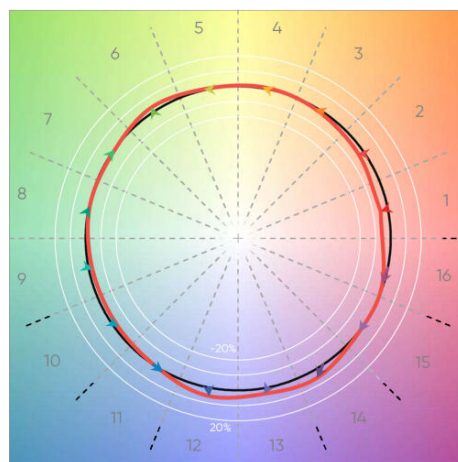
**TM30(Rg)**

98

**Duv**

-0.0022

### CCT 3000K



**CRI(Ra)**

92

**CRI(R9)**

58

**TM30(Rf)**

92

**TM30(Rg)**

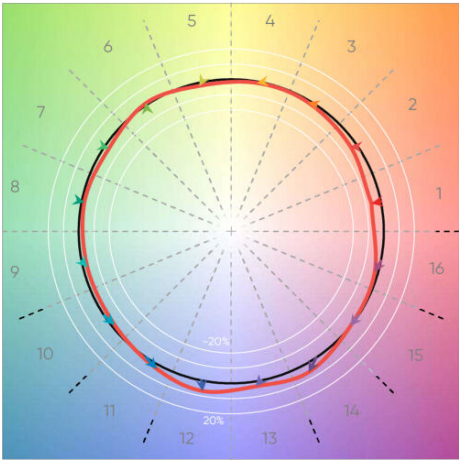
100

**Duv**

-0.0003

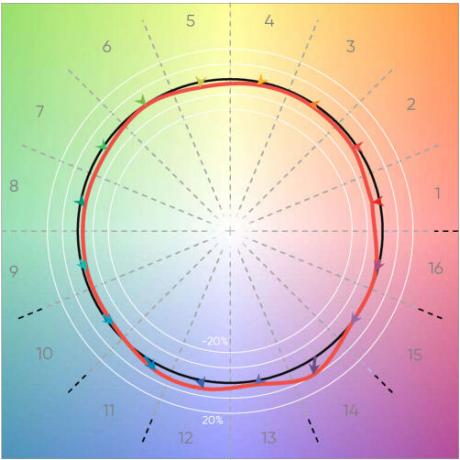


CCT 3500K



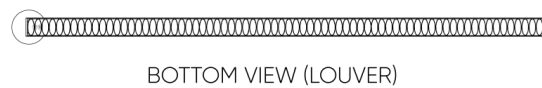
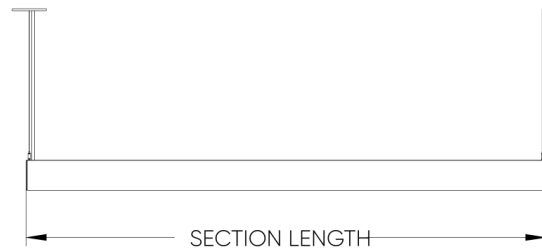
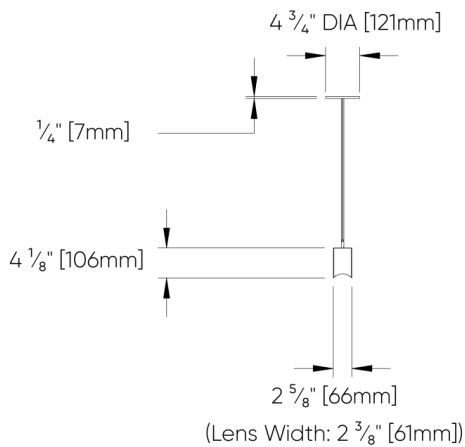
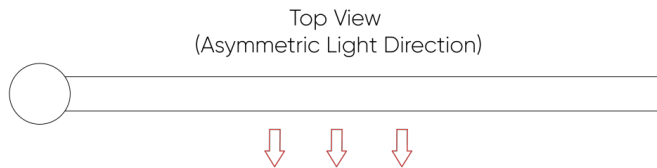
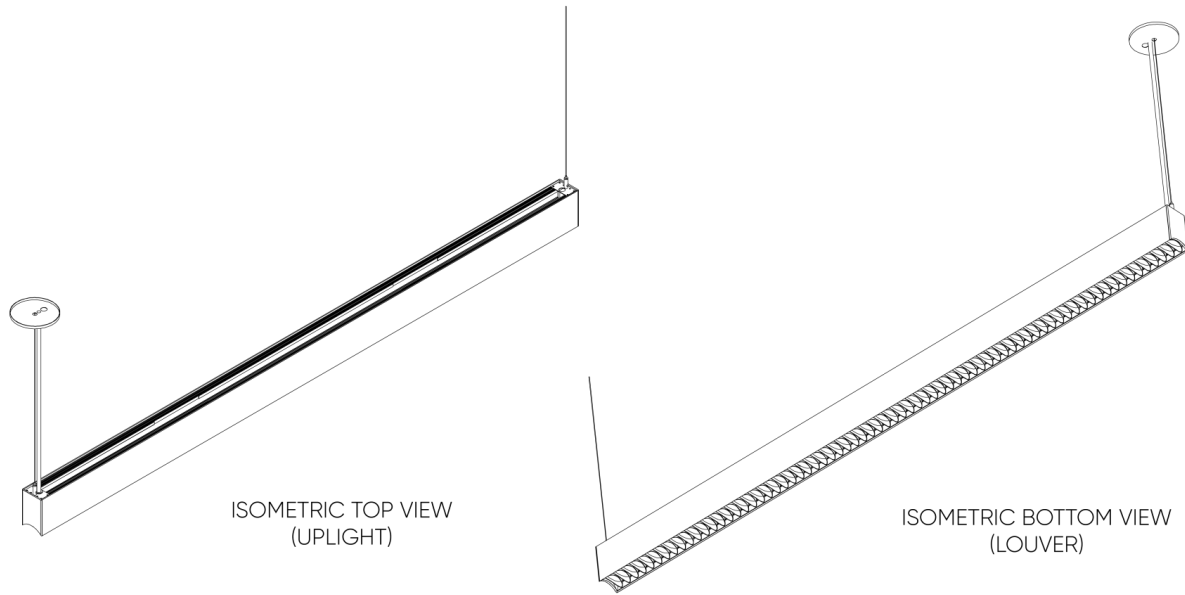
CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

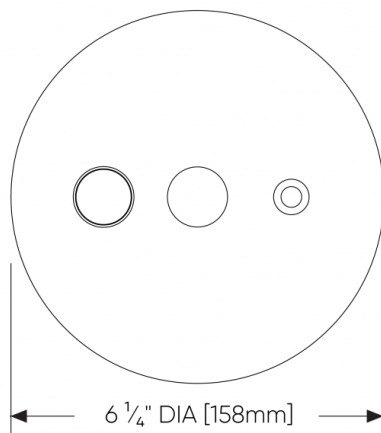
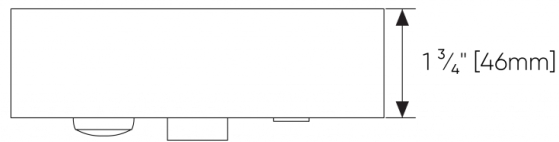
CCT 4000K



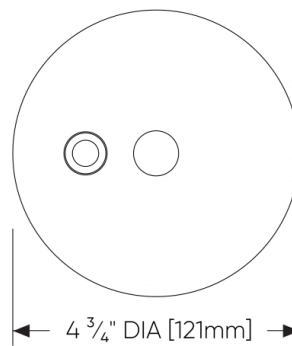
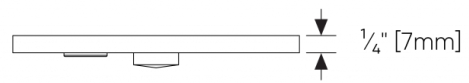
CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

10 DIMENSIONAL DIAGRAMS





Canopy with Sensor



Standard Canopy