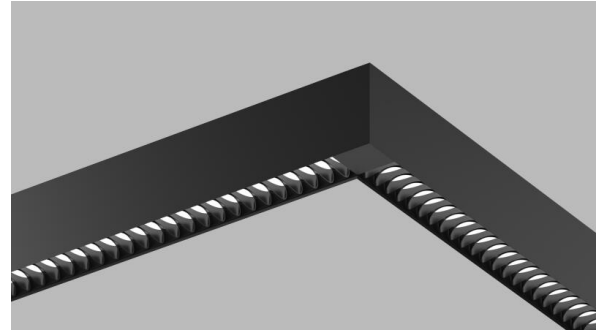




# OOOOH SYSTEMS™

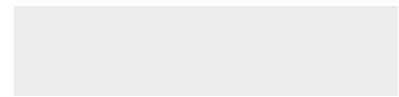
## FULL SPECIFICATION SHEET



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 **OOOOH SYSTEMS** option.

### 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.

**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.

**FINISH**

Powder coated

**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 Location (Indoor use only).

**DESIGN**

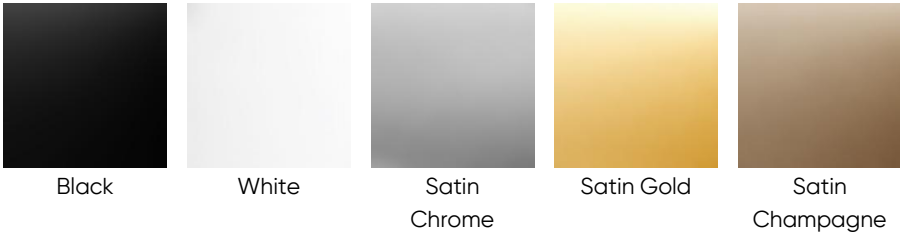
US Pat. No. D969,395.

**SUSTAINABILITY**

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

**5 DESIGN OPTIONS**

**LOUVER**

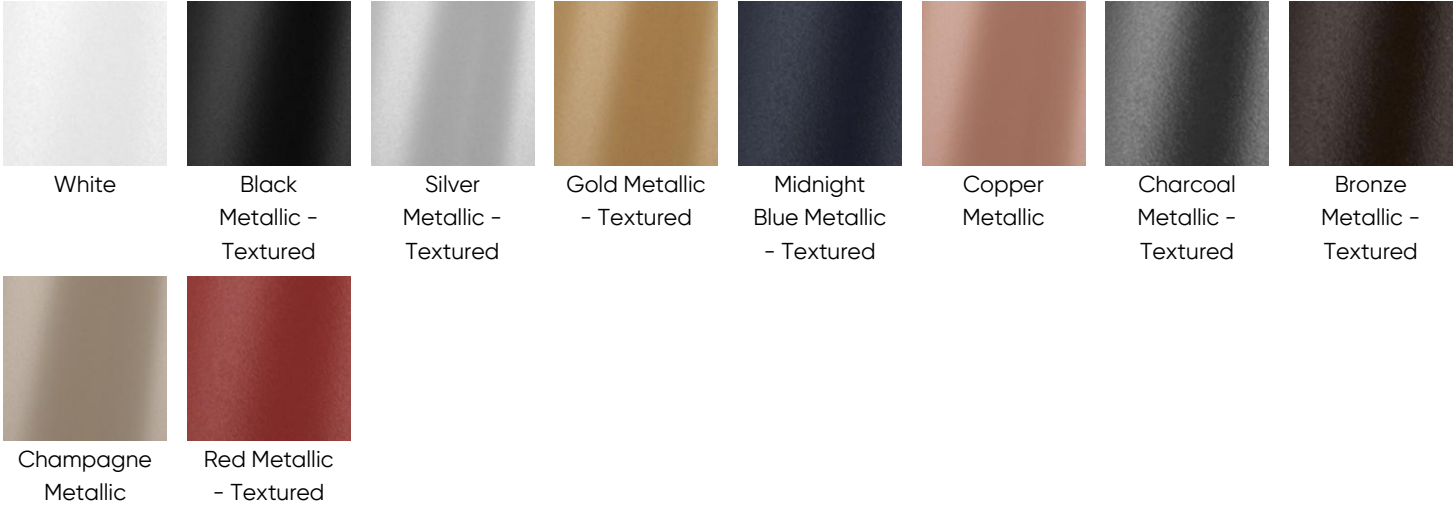


**FINISH**



<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. Choose a Module**

Make a selection from one of the following 7 sections. One power cord for every 50 linear feet. Connection parts for each section are shipped separately for on site assembly. Project drawings are not required for this product.

**STRAIGHT SECTION 2FT**

<b>HL1PSL02</b> 2ft middle section Direct	<b>HL1PSM02</b> 2ft middle section with power cord Direct	<b>HL1PSN02</b> 2ft section with end cap Direct	<b>HL1PSP02</b> 2ft section with end cap and power cord Direct
--	--	--	---

Available as Direct only.

**STRAIGHT SECTION 4FT**

<b>HL1PSL04</b> 4ft middle section Direct	<b>HL1PSM04</b> 4ft middle section with power cord Direct	<b>HL1PSN04</b> 4ft section with end cap Direct	<b>HL1PSP04</b> 4ft section with end cap and power cord Direct
<b>HL2PSL04</b> 4ft middle section Direct/Indirect	<b>HL2PSM04</b> 4ft middle section with power cord Direct/Indirect	<b>HL2PSN04</b> 4ft section with end cap Direct/Indirect	<b>HL2PSP04</b> 4ft section with end cap and power cord Direct/Indirect

**STRAIGHT SECTION 6FT**

<b>HL1PSL06</b> 6ft middle section Direct	<b>HL1PSM06</b> 6ft middle section with power cord Direct	<b>HL1PSN06</b> 6ft section with end cap Direct	<b>HL1PSP06</b> 6ft section with end cap and power cord Direct
<b>HL2PSL06</b> 6ft middle section Direct/Indirect	<b>HL2PSM06</b> 6ft middle section with power cord Direct/Indirect	<b>HL2PSN06</b> 6ft section with end cap Direct/Indirect	<b>HL2PSP06</b> 6ft section with end cap and power cord Direct/Indirect

**STRAIGHT SECTION 8FT**

<b>HL1PSL08</b> 8ft middle section Direct	<b>HL1PSM08</b> 8ft middle section with power cord Direct	<b>HL1PSN08</b> 8ft section with end cap Direct	<b>HL1PSP08</b> 8ft section with end cap and power cord Direct
<b>HL2PSL08</b> 8ft middle section Direct/Indirect	<b>HL2PSM08</b> 8ft middle section with power cord Direct/Indirect	<b>HL2PSN08</b> 8ft section with end cap Direct/Indirect	<b>HL2PSP08</b> 8ft section with end cap and power cord Direct/Indirect

**STRAIGHT SECTION 10FT**

<b>HL1PSL10</b> 10ft middle section Direct	<b>HL1PSM10</b> 10ft middle section with power cord Direct	<b>HL1PSN10</b> 10ft section with end cap Direct	<b>HL1PSP10</b> 10ft section with end cap and power cord Direct
<b>HL2PSL10</b> 10ft middle section Direct/Indirect	<b>HL2PSM10</b> 10ft middle section with power cord Direct/Indirect	<b>HL2PSN10</b> 10ft section with end cap Direct/Indirect	<b>HL2PSP10</b> 10ft section with end cap and power cord Direct/Indirect

**STRAIGHT SECTION 12FT**

<b>HL1PSL12</b> 12ft middle section Direct	<b>HL1PSM12</b> 12ft middle section with power cord Direct	<b>HL1PSN12</b> 12ft section with end cap Direct	<b>HL1PSP12</b> 12ft section with end cap and power cord Direct
<b>HL2PSL12</b> 12ft middle section Direct/Indirect	<b>HL2PSM12</b> 12ft middle section with power cord Direct/Indirect	<b>HL2PSN12</b> 12ft section with end cap Direct/Indirect	<b>HL2PSP12</b> 12ft section with end cap and power cord Direct/Indirect

**CORNER SECTION (27"X27" L SHAPE)**

<b>HL1PSL01</b> Corner with no end caps Direct	<b>HL1PSM01</b> Corner middle with power cord Direct	<b>HL1PSN01</b> Corner with Left end cap Direct	<b>HL1PSP01</b> Corner with Right end cap Direct
<b>HL1PSP01</b> Corner with Left end cap and power cord Direct	<b>HL1PSP03</b> Corner with Right end cap and power cord Direct	<b>HL2PSL01</b> Corner with no end caps Direct/Indirect	<b>HL2PSM01</b> Corner middle with power cord Direct/Indirect
<b>HL2PSN01</b> Corner with Left end cap Direct/Indirect	<b>HL2PSN03</b> Corner with Right end cap Direct/Indirect	<b>HL2PSP01</b> Corner with Left end cap and power cord Direct/Indirect	<b>HL2PSP03</b> Corner with Right end cap and power cord Direct/Indirect

**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. 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.

**4. 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>LPG160</b> 1650 lm/ft			

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

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

<sup>1</sup> Consult factory.

## 7. CCT (INDIRECT)

<b>CTB00</b> Not required	<b>CTB27</b> 2700K	<b>CTB30</b> 3000K	<b>CTB35</b> 3500K
<b>CTB40</b> 4000K	<b>CTB60</b> Tunable White <sup>1</sup>		

<sup>1</sup> Consult factory.

## 8. DIRECT LENS

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

## 9. INDIRECT LENS

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

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

## 10. BLACKOUT PLATE

<b>UB00</b> Not required	<b>UB_ _</b> 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

<b>V1</b> 120/277V	<b>V2</b> 240V <sup>1</sup>	<b>V3</b> 347V <sup>2</sup>	<b>V4</b> 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.

## 12. 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 347V. <sup>2</sup> Not available in North America. <sup>3</sup> Only available with V4.

## 13. CEILING TYPE

<b>G1</b> Grid ceiling <sup>1</sup>	<b>H1</b> 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.

## 14. SUSPENSION

<b>HLA03</b> 3ft cable suspension	<b>HLA06</b> 6ft cable suspension	<b>HLA09</b> 9ft cable suspension
-----------------------------------	-----------------------------------	-----------------------------------

## 15. 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.

## 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> A drawing will be required at 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.

**18. CIRCUITS**

CS1 Single circuit

CS2 Dual circuit <sup>1</sup>

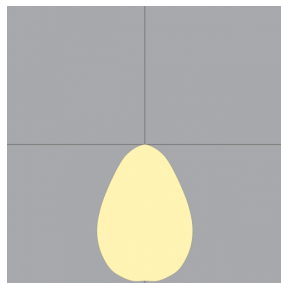
<sup>1</sup> Independent control of uplight for LELP2P.

**19. SENSORS**

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

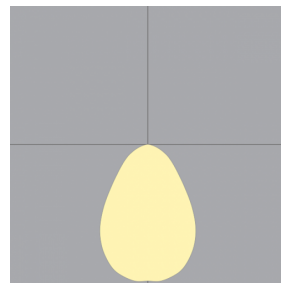
**7 PERFORMANCE DATA**

**DIRECT COMFORT (DD4) – WHITE LOUVER**



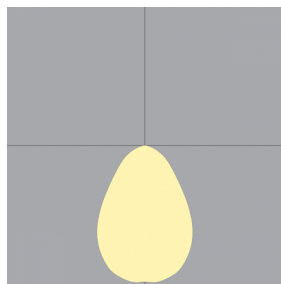
LUMEN/FT	WATT/FT	LPW
1300	13	106
1200	11	108
1000	9	110
800	7	114
700	6	115
600	5	117
500	4	119
400	3	121
300	3	126
200	2	128

**DIRECT COMFORT (DD4) – BLACK LOUVER**



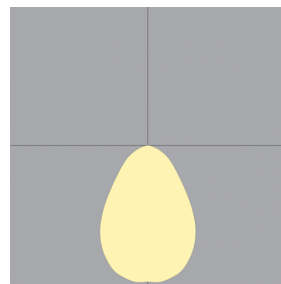
LUMEN/FT	WATT/FT	LPW
700	13	57
600	11	58
500	9	59
400	7	61
300	5	63
200	3	65

**DIRECT COMFORT (DD4) – SATIN CHROME LOUVER**



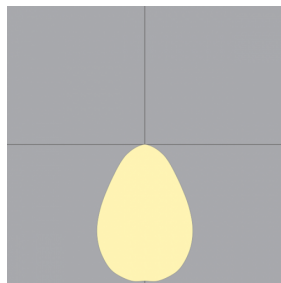
LUMEN/FT	WATT/FT	LPW
1000	13	84
800	9	87
700	9	89
600	7	90
500	5	93
400	4	95
300	3	95
200	2	98

**DIRECT COMFORT (DD4) – SATIN GOLD LOUVER**



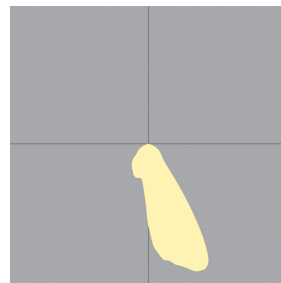
LUMEN/FT	WATT/FT	LPW
1000	13	82
800	9	85
700	9	87
600	7	88
500	5	91
400	4	93
300	3	93
200	2	96

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

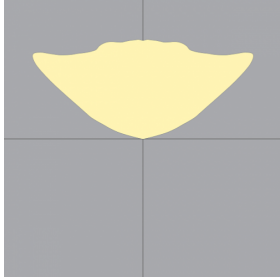
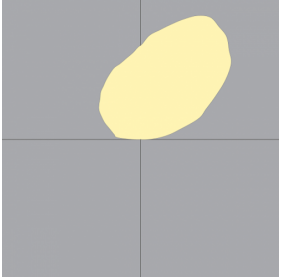


LUMEN/FT	WATT/FT	LPW
1000	13	84
800	9	87
700	9	89
600	7	90
500	5	93
400	4	95
300	3	95
200	2	98

**DIRECT ASYMMETRIC (DD1) – WHITE LOUVER**

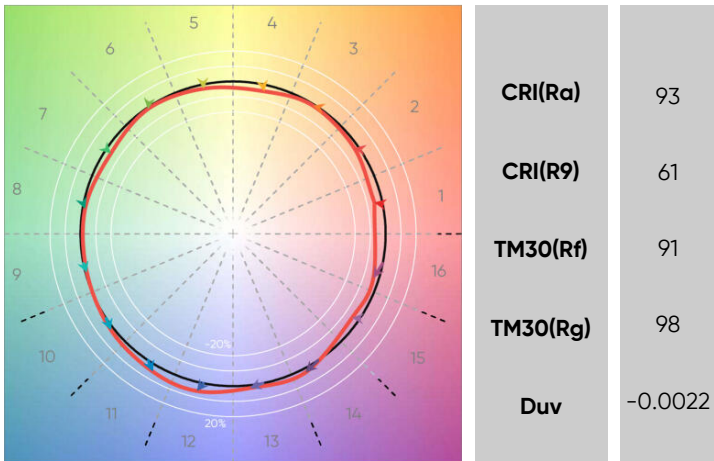


LUMEN/FT	WATT/FT	LPW
1200	13	100
1000	11	101
800	9	105
700	7	107
600	6	108
500	5	110
400	4	112
300	3	113
200	2	116

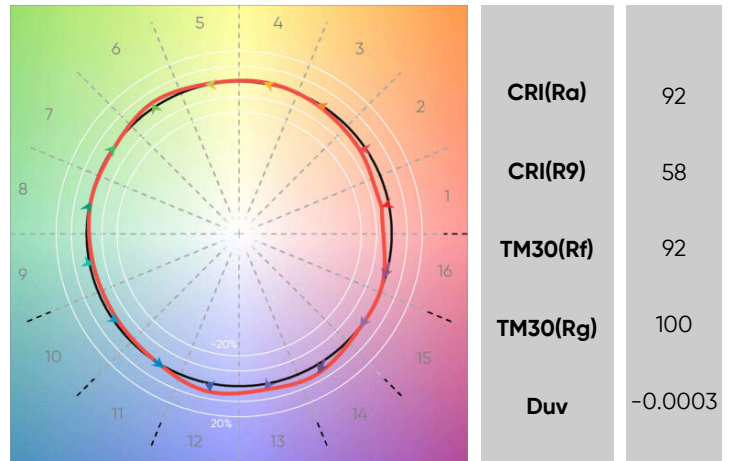
INDIRECT BATWING (UD1)	LUMEN/FT	WATT/FT	LPW	INDIRECT ASYMMETRIC (UD3)	LUMEN/FT	WATT/FT	LPW
	1600	13	133		1200	13	97
	1400	10	138		1000	10	100
	1200	9	141		800	9	102
	1000	7	145		600	6	107
	800	6	147		400	4	109
	600	4	151		200	2	112
	400	3	154				
	200	1	154				

**8** TM-30 DATA

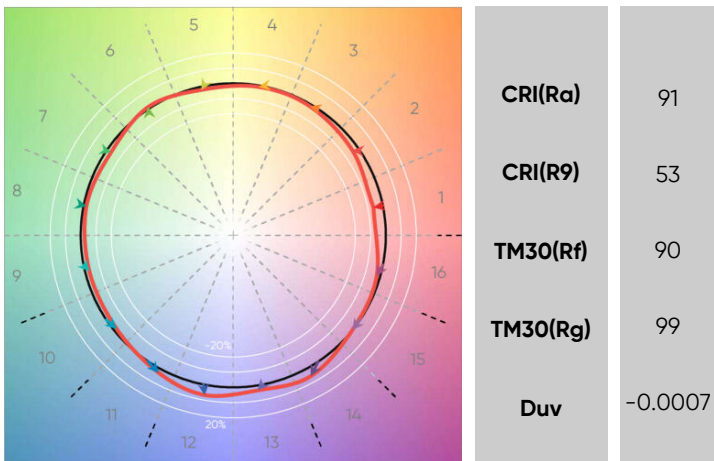
**CCT 2700K**



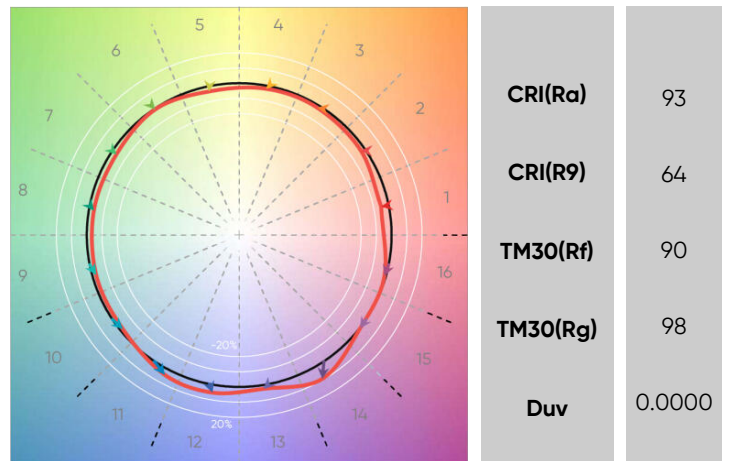
**CCT 3000K**



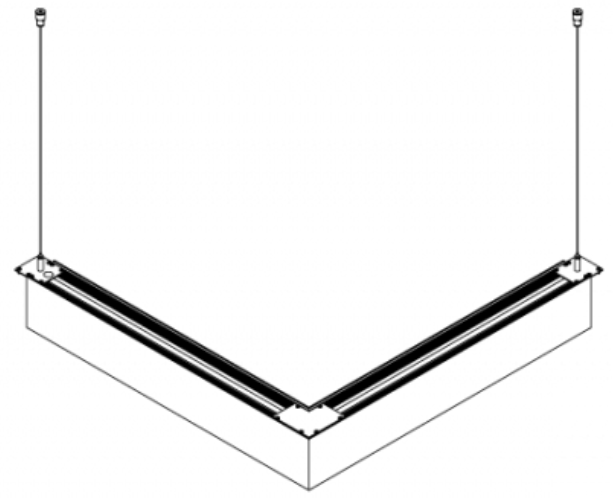
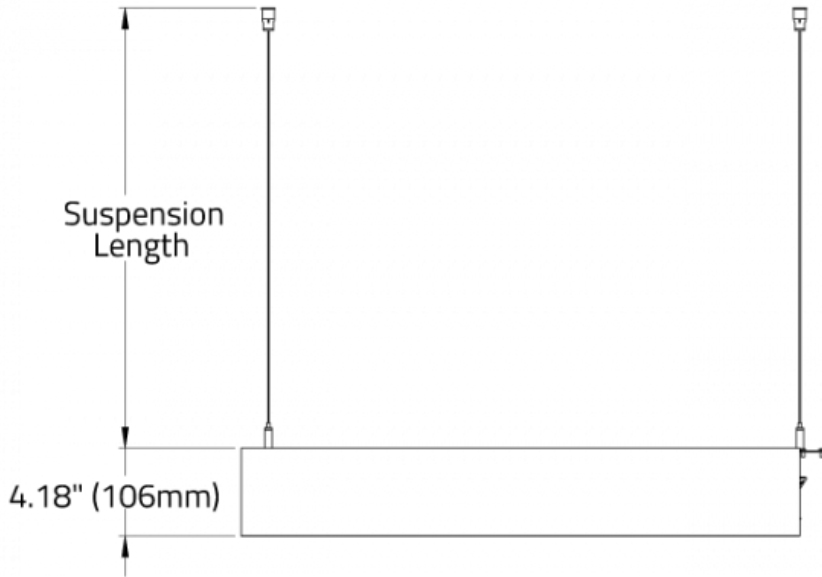
**CCT 3500K**



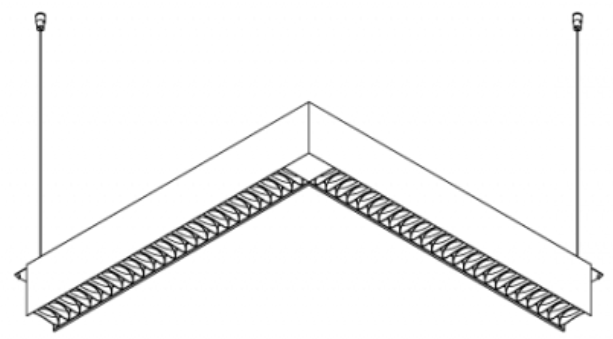
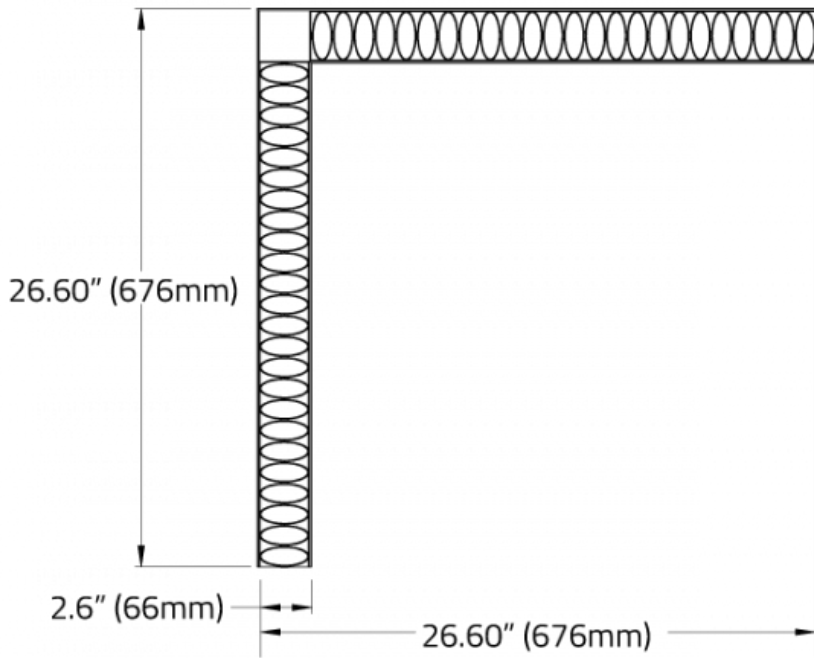
**CCT 4000K**



9 DIMENSIONAL DIAGRAMS



ISOMETRIC TOP VIEW



ISOMETRIC BOTTOM VIEW