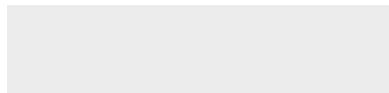
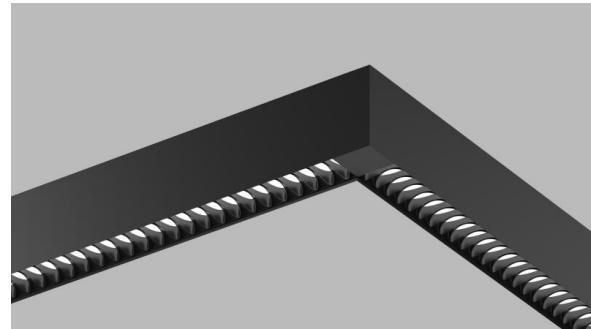


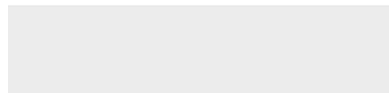


# OOOOH SYSTEMS™

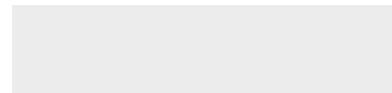
## FULL SPECIFICATION SHEET



Fixture Type



Fixture Code

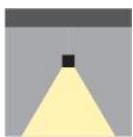


Quantities

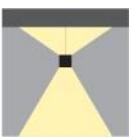
### 1 DESCRIPTION

**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



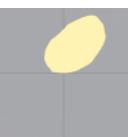
Direct DD1



Direct DD4



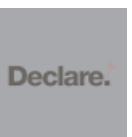
Indirect UD1



Indirect UD3



Bios



Declare



PoE



Tunable White

### 3 APPROVALS



DAMP  
LOCATION



IP20

## 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

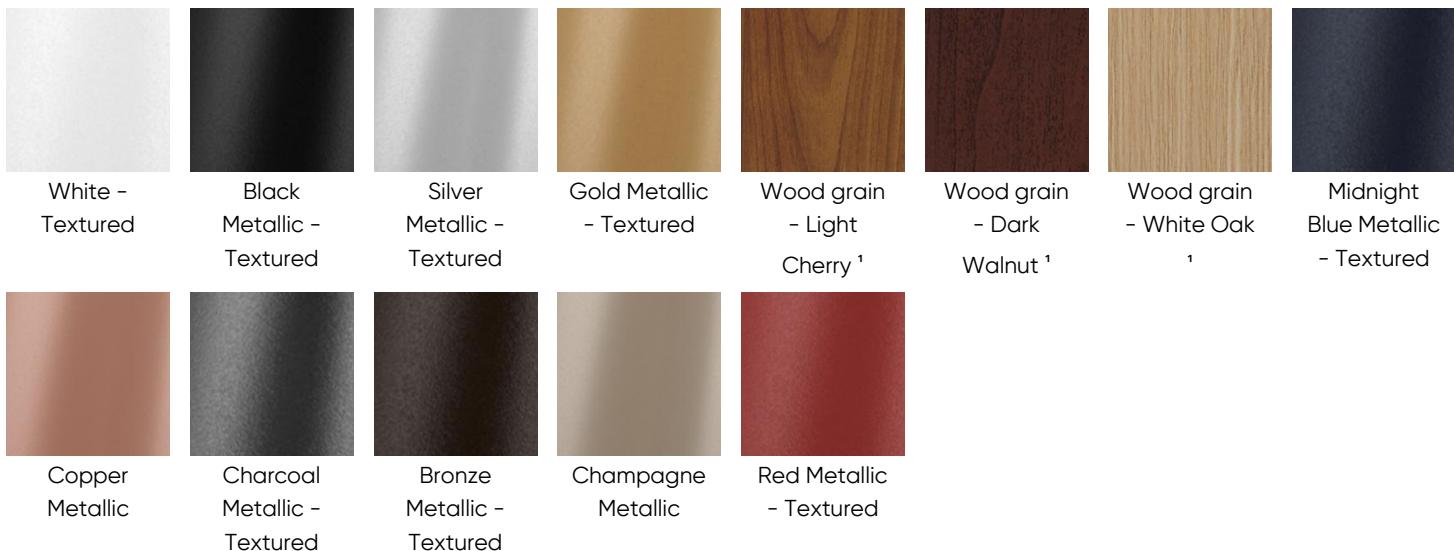
US Pat. No. D969,395.

**5 DESIGN OPTIONS**

**LOUVER**

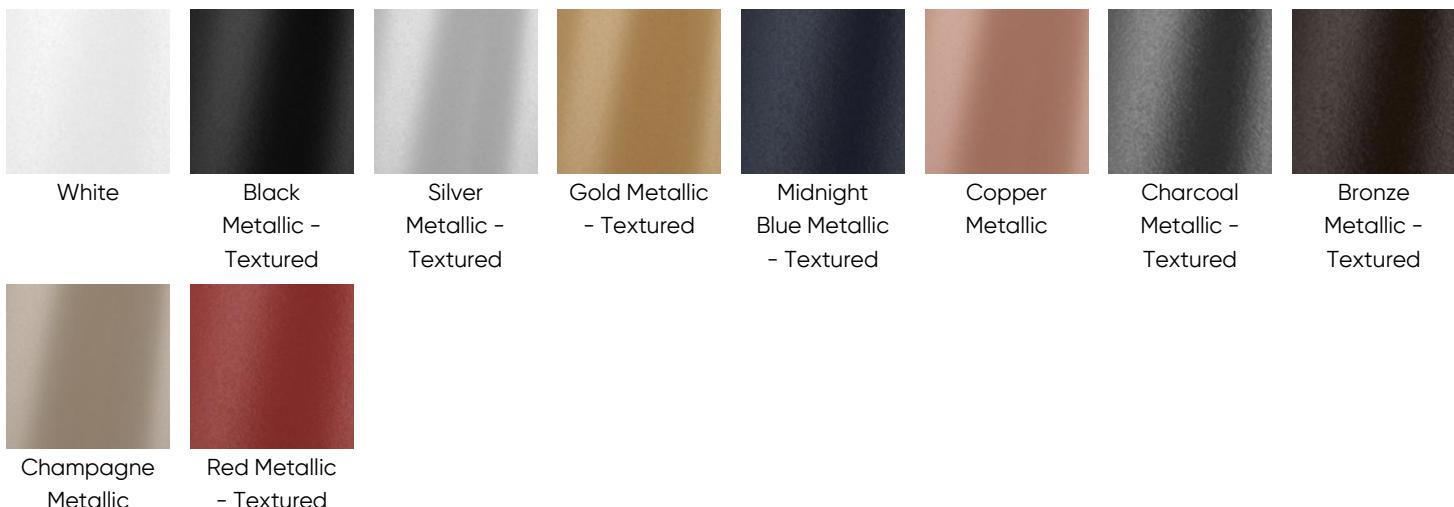


**FINISH**



<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 <b>HL1PSN02</b> 2ft section with end power cord 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 <b>HL1PSN06</b> 6ft section with end 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>HL1PSN03</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+
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## 6. CCT (DIRECT)

CTA27 2700K	CTA30 3000K	CTA35 3500K	CTA40 4000K
CTA60 Tunable White <sup>1</sup>			

<sup>1</sup> Consult factory.

## 7. CCT (INDIRECT)

CTB00 Not required	CTB27 2700K	CTB30 3000K	CTB35 3500K
CTB40 4000K			

<sup>1</sup> Consult factory.

## 8. DIRECT LENS

DD1 Asymmetric <sup>1</sup>	DD4 Comfort
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<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

UD0 Not required	UD1 Batwing	UD3 Asymmetric <sup>1</sup>
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<sup>1</sup> Available up to 1200 lm/ft.

## 10. BLACKOUT PLATE

UB00 Not required	UB__ Blackout plate <sup>1</sup>
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<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>
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<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>
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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.

## 14. SUSPENSION

<b>HLA03</b> 3ft cable suspension	<b>HLA06</b> 6ft cable suspension	<b>HLA09</b> 9ft cable suspension
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## 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>
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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. Available upon request, consult factory for details. Not available with 347V.

## 18. CIRCUITS

**CS1** Single circuit

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

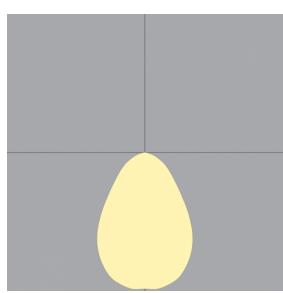
<sup>1</sup> Independent control of uplight for LELP2P.

## 19. SENSORS

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

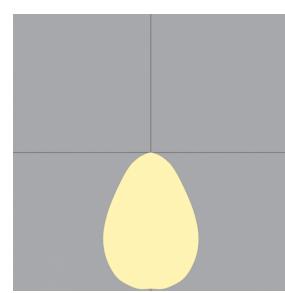
## 7 PERFORMANCE DATA

### DIRECT COMFORT (DD4) - WHITE LOUVER



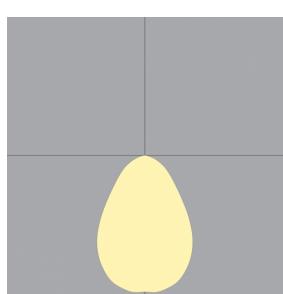
LUMEN/FT	WATT/FT	LPW
1300	13	106
1200	11	108
1000	9	110
800	7	114
700	6	115
600	5	117
500	4	119
400	3	121
300	3	126
200	2	128

### DIRECT COMFORT (DD4) - BLACK LOUVER



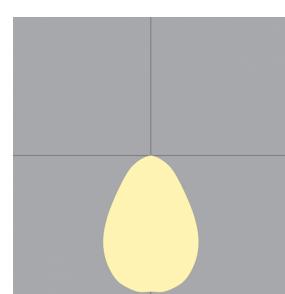
LUMEN/FT	WATT/FT	LPW
700	13	57
600	11	58
500	9	59
400	7	61
300	5	63
200	3	65

### DIRECT COMFORT (DD4) - SATIN CHROME LOUVER



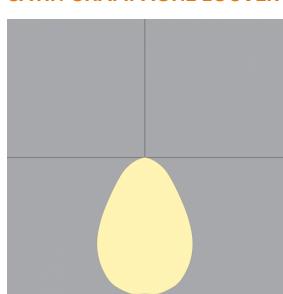
LUMEN/FT	WATT/FT	LPW
1000	13	84
800	9	87
700	9	89
600	7	90
500	5	93
400	4	95
300	3	95
200	2	98

### DIRECT COMFORT (DD4) - SATIN GOLD LOUVER



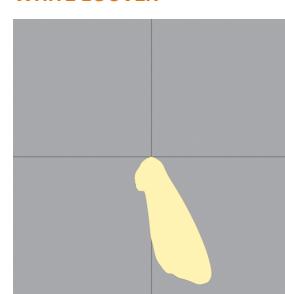
LUMEN/FT	WATT/FT	LPW
1000	13	82
800	9	85
700	9	87
600	7	88
500	5	91
400	4	93
300	3	93
200	2	96

### DIRECT COMFORT (DD4) - SATIN CHAMPAGNE LOUVER

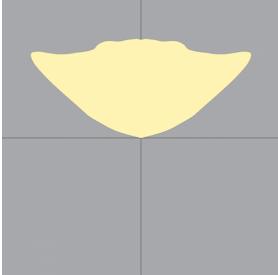
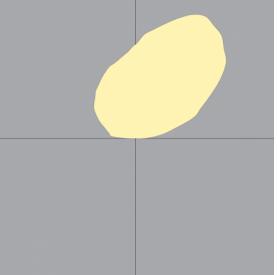


LUMEN/FT	WATT/FT	LPW
1000	13	84
800	9	87
700	9	89
600	7	90
500	5	93
400	4	95
300	3	95
200	2	98

### DIRECT ASYMMETRIC (DD1) - WHITE LOUVER

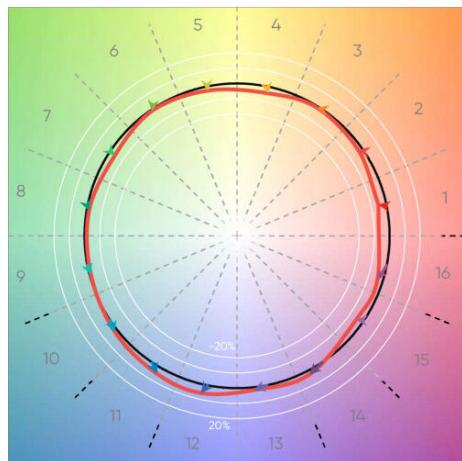


LUMEN/FT	WATT/FT	LPW
1200	13	100
1000	11	101
800	9	105
700	7	107
600	6	108
500	5	110
400	4	112
300	3	113
200	2	116

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

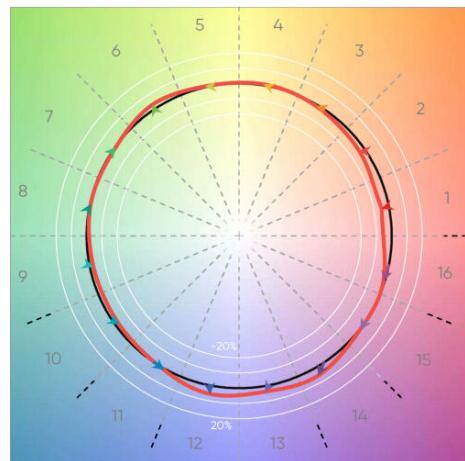
## 8 TM-30 DATA

### CCT 2700K



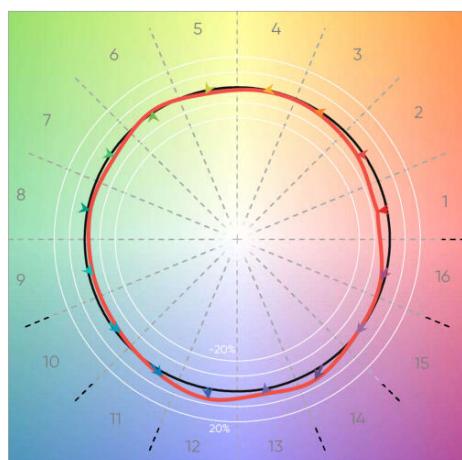
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

### CCT 3000K



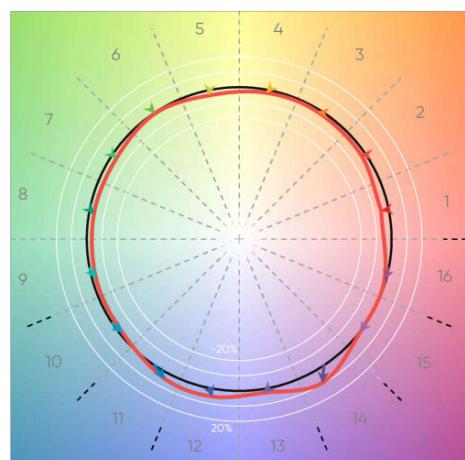
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

### CCT 3500K



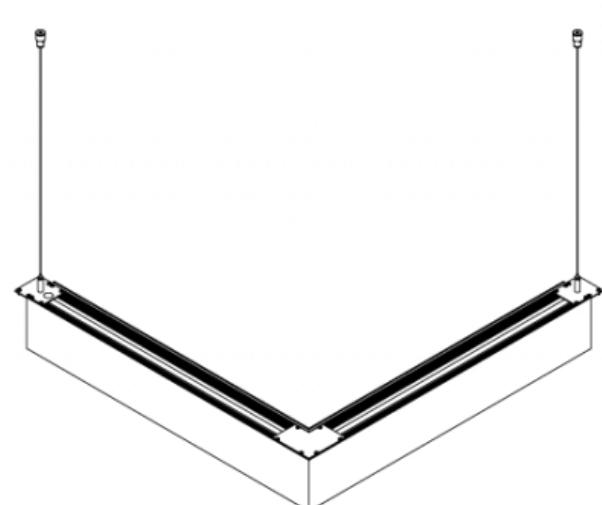
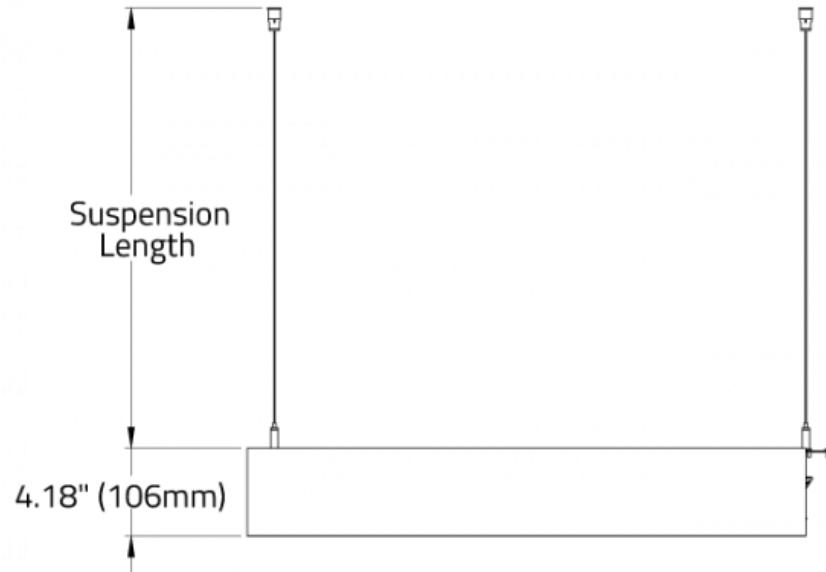
CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

### CCT 4000K

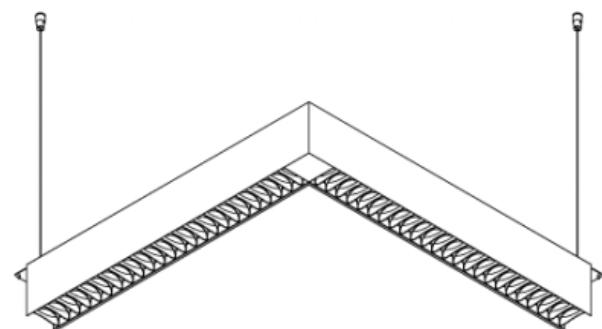
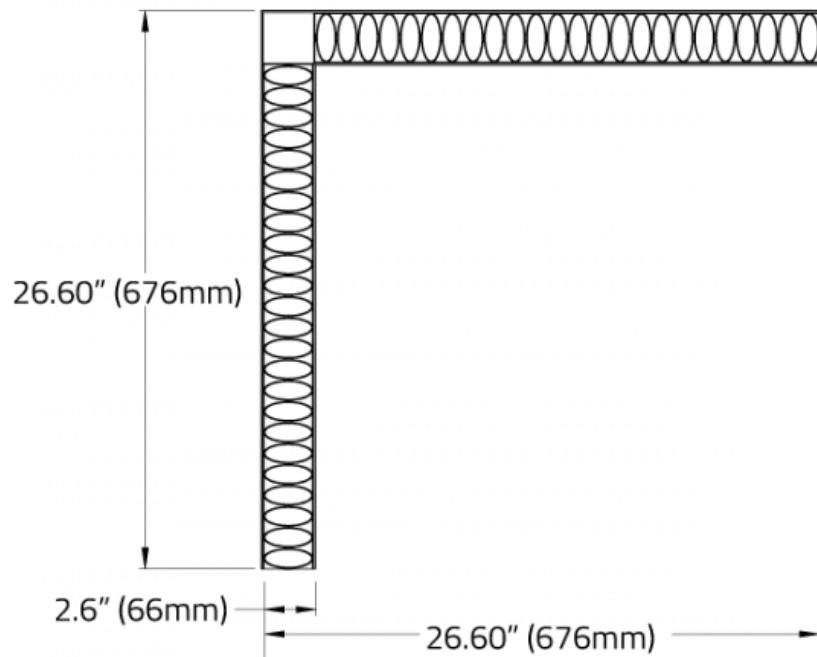


CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

9 DIMENSIONAL DIAGRAMS



ISOMETRIC TOP VIEW



ISOMETRIC BOTTOM VIEW