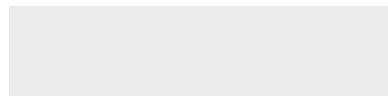
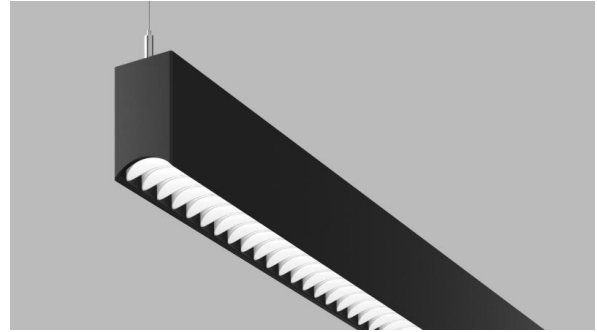


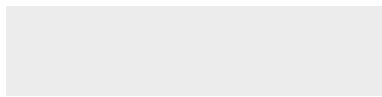


OOOOH™

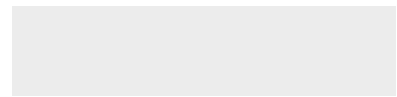
FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

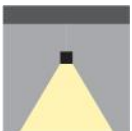


QUANTITIES

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



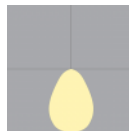
Suspended
Direct



Suspended
Direct/Indirect



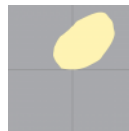
Direct DD1



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).

LUMINAIRE LEVEL LIGHTING CONTROLS

This product can be configured for integration with luminaire-level lighting controls. Contact the factory for available options and project-specific requirements.

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

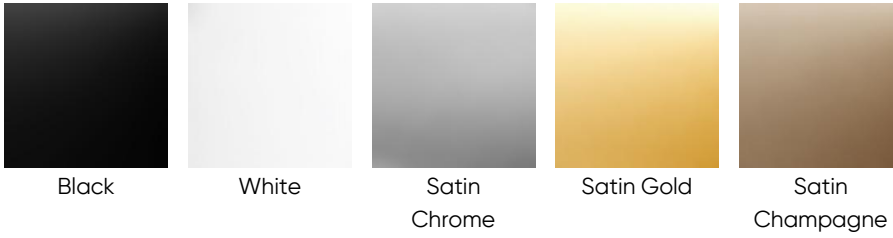
US Pat. No. D969,395.

SUSTAINABILITY

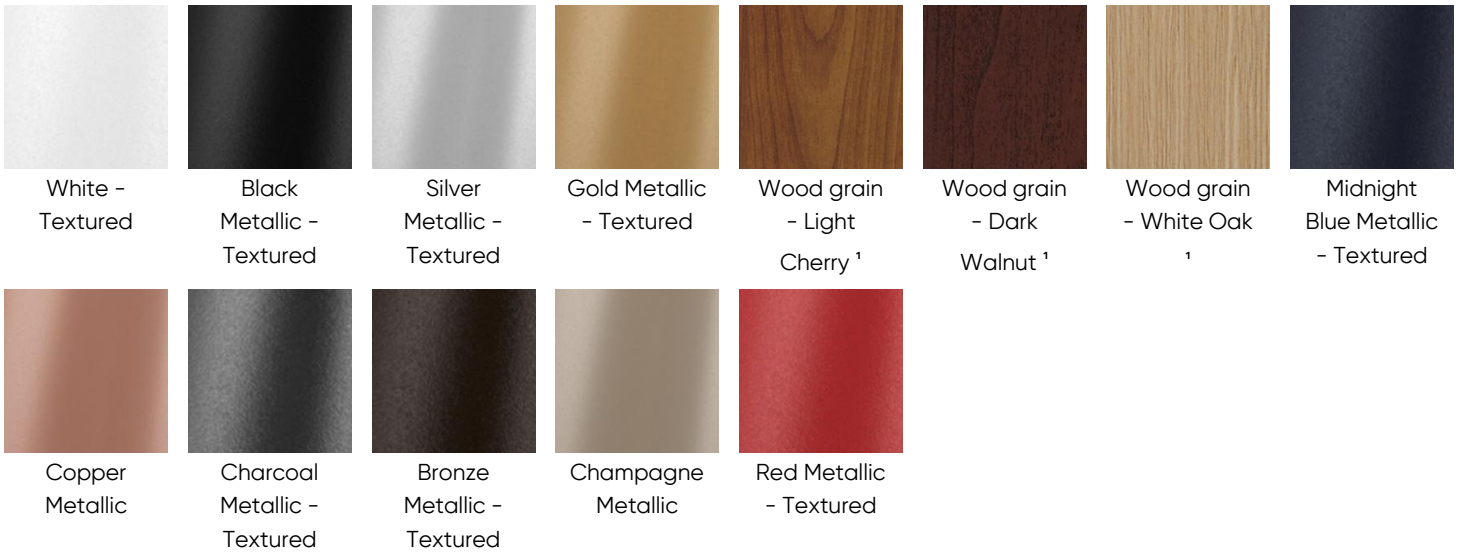
Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

5 DESIGN OPTIONS

LOUVER

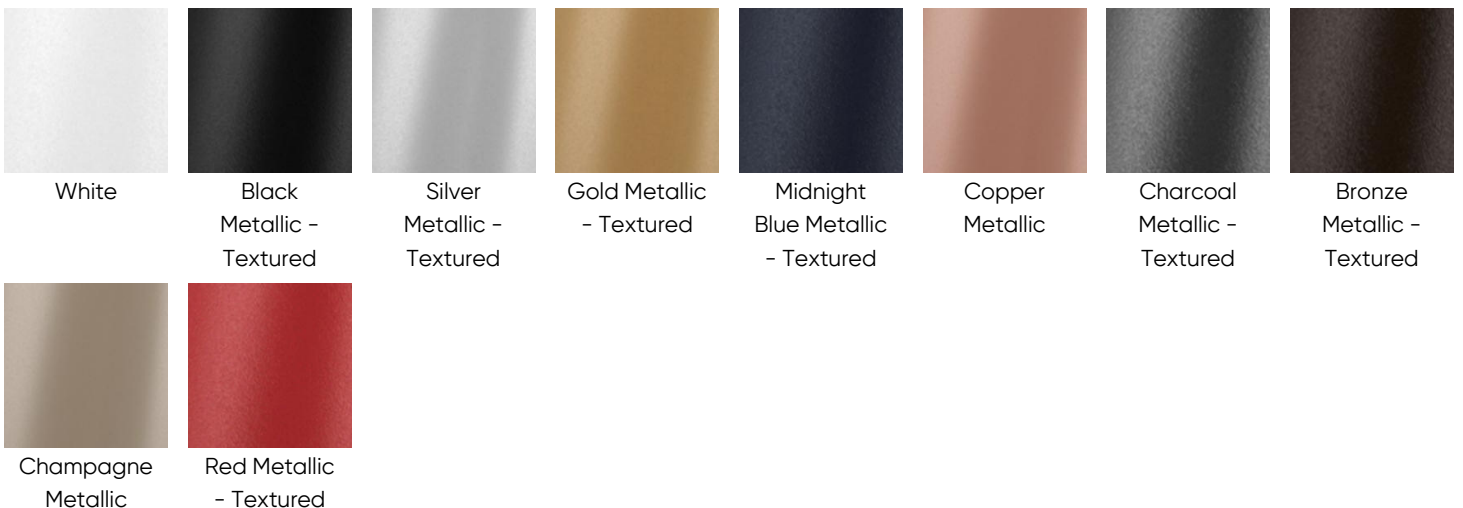


FINISH



¹ Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

CANOPY FINISH



6 HOW TO ORDER

LUMINAIRE HLNL1P Direct HLNL2P Direct/Indirect One power cord for every 50 linear feet.	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_ _ _ _	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.	LOUVER LV2 Black LV3 White LV4 Satin Chrome LV6 Satin Gold LV9 Satin Champagne
LM/FT (DIRECT) LPF020 200 lm/ft LPF030 300 lm/ft LPF040 400 lm/ft LPF050 500 lm/ft LPF060 600 lm/ft LPF070 700 lm/ft LPF080 800 lm/ft LPF100 1000 lm/ft LPF120 1200 lm/ft LPF130 1300 lm/ft Lumens/ft are determined by the color of the Louver. Consult website for available lumens/ft based on selected louver.	LM/FT (INDIRECT) LPG000 Not required LPG020 200 lm/ft LPG040 400 lm/ft LPG060 600 lm/ft LPG080 800 lm/ft LPG100 1000 lm/ft LPG120 1200 lm/ft LPG140 1400 lm/ft LPG165 1650 lm/ft Consult website for available lumens/ft.	CRI CR80 CRI 80+ CR90 CRI 90+	CCT DIRECT CTA27 2700K CTA30 3000K CTA35 3500K CTA40 4000K CTA60 Tunable White ¹ ¹ Consult factory.
CCT INDIRECT CTB00 Not required CTA27 2700K CTB30 3000K CTB35 3500K CTB40 4000K CTB60 Tunable White ¹ ¹ Consult factory.	DIRECT LENS DD1 Asymmetric DD4 Comfort ¹ 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.	INDIRECT LENS UD0 Not required UD1 Clear (Batwing distribution) UD3 Asymmetric ¹ ¹ Available up to 1200 lm/ft.	UPLIGHT BLACKOUT PLATE UB00 Not required UB_ _ Blackout plate ¹ ¹ Available on a per foot basis. May be required to prevent lighting up duct work in a loft type application.
VOLTAGE V1 120/277V V2 240V ¹ V3 347V ² V4 Low Voltage ³ ¹ Not available in North America. ² Only available with DA01 dimming. ³ Only available with DA45 dimming.	DIMMING DA01 0-10V Dimming 1.0% DA02 0-10V Dimming 0.1% ¹ DA20 DALI Dimming 0.1% ¹ DA21 DALI Dimming 1.0% ¹ DA45 PoE ² ¹ Not available with V3. ² Only available with V4.	CEILING TYPE G1 Grid ceiling ¹ H1 Hard ceiling ² The cost for the canopies, power cables, connections mechanisms and endcaps for the fixture has been added to these items. ¹ Combo kit provided includes installation to T-bar and through tile mount. ² Designed for drywall ceilings.	SUSPENSION HLA03 3ft cable suspension HLA06 6ft cable suspension HLA09 9ft cable suspension

FIXTURE FINISH	CANOPY FINISH	EMERGENCY	CIRCUITS
FA01 White – Textured FA02 Black Metallic – Textured FA20 Silver Metallic – Textured FA25 Gold Metallic – Textured FA27 Wood grain – Light Cherry ¹ FA28 Wood grain – Dark Walnut ¹ FA30 Wood grain – White Oak ¹ FA44 Midnight Blue Metallic – Textured FA45 Copper Metallic FA46 Charcoal Metallic – Textured FA47 Bronze Metallic – Textured FA52 Champagne Metallic FA53 Red Metallic – Textured ¹ Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.	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	E0 Not required E1 Emergency system – Integral ¹ E3 Emergency generator circuit ¹ ¹ 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.	CS1 Single circuit CS2 Dual circuit ¹ ¹ Independent control of uplight for HLNP2P.
SENSORS This product can be configured for integration with luminaire-level lighting controls. Contact the factory for available options and project-specific requirements.			

7 TECHNICAL DATA

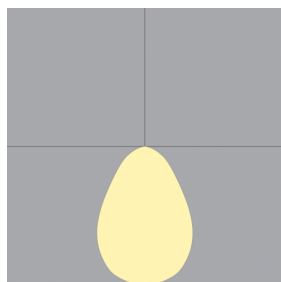
LUMINAIRE

One power cord for every 50 linear feet.

Code	HLNL1P	HLNL2P
Light Direction	Direct	Direct/Indirect

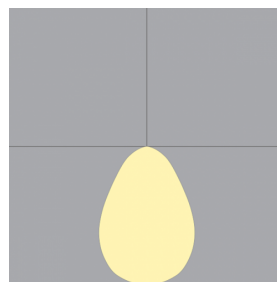
8 PERFORMANCE DATA

DIRECT COMFORT (DD4) – WHITE LOUVER



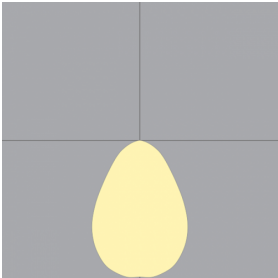
LUMEN/FT	WATT/FT	LPW
1300	13	106
1200	11	108
1000	9	110
800	7	114
700	6	115
600	5	117
500	4	119
400	3	121
300	3	126
200	2	128

DIRECT COMFORT (DD4) – BLACK LOUVER

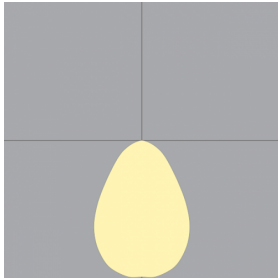


LUMEN/FT	WATT/FT	LPW
700	13	57
600	11	58
500	9	59
400	7	61
300	5	63
200	3	65

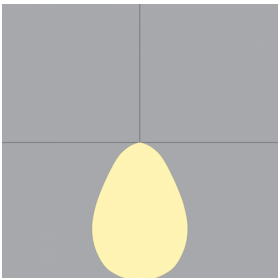
**DIRECT COMFORT (DD4) –
SATIN CHROME LOUVER**

	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

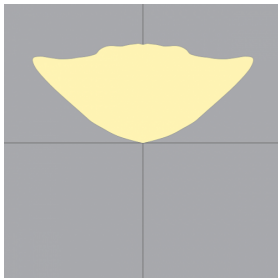
**DIRECT COMFORT (DD4) –
SATIN GOLD LOUVER**

	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

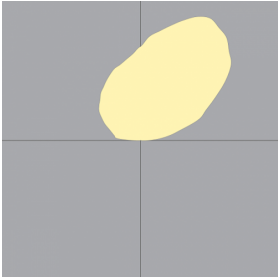
**DIRECT COMFORT (DD4) –
SATIN CHAMPAIGN LOUVER**

	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

INDIRECT BATWING (UD1)

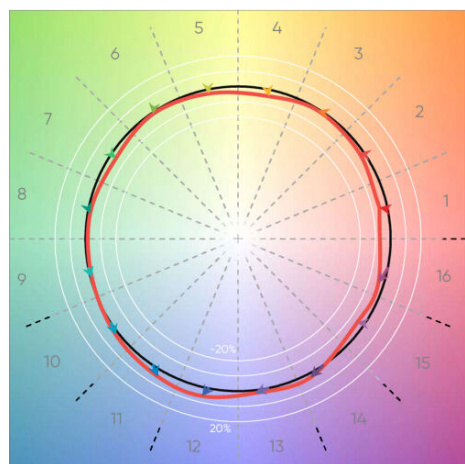
	LUMEN/FT	WATT/FT	LPW
	1600	13	133
	1400	10	138
	1200	9	142
	1000	7	245
	800	6	247
	600	4	151
	400	3	154
	200	1	154

**INDIRECT ASYMMETRIC
(UD3)**

	LUMEN/FT	WATT/FT	LPW
	1200	13	97
	1000	10	100
	800	9	102
	600	6	107
	400	4	107
	200	2	109
			112

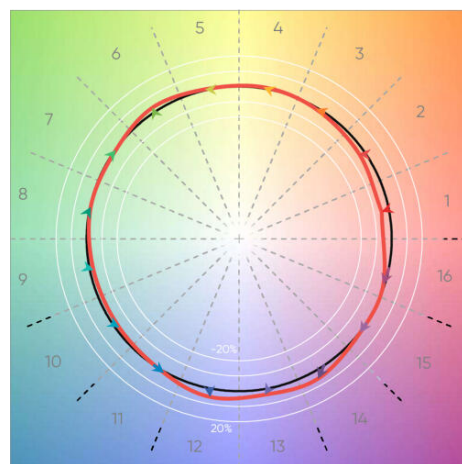
9 TM-30 DATA

CCT 2700K



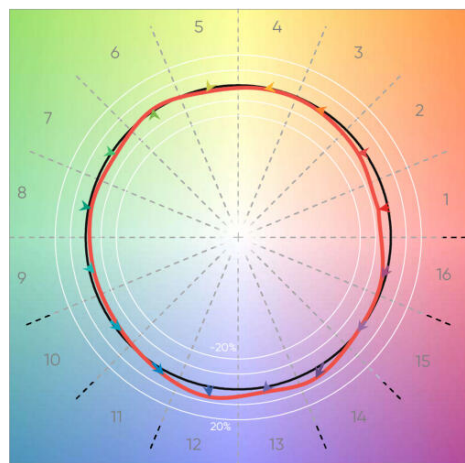
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



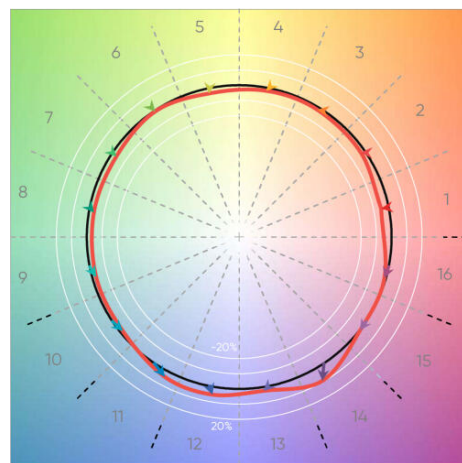
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



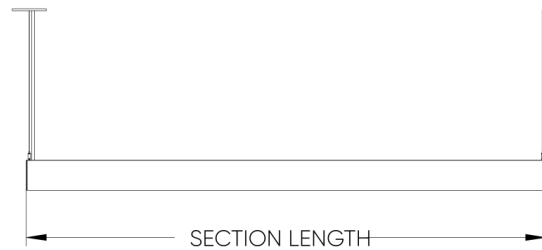
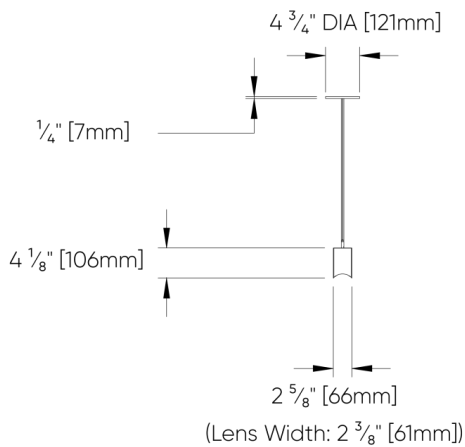
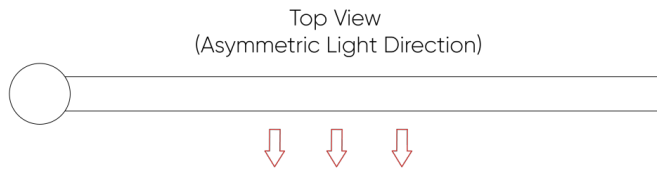
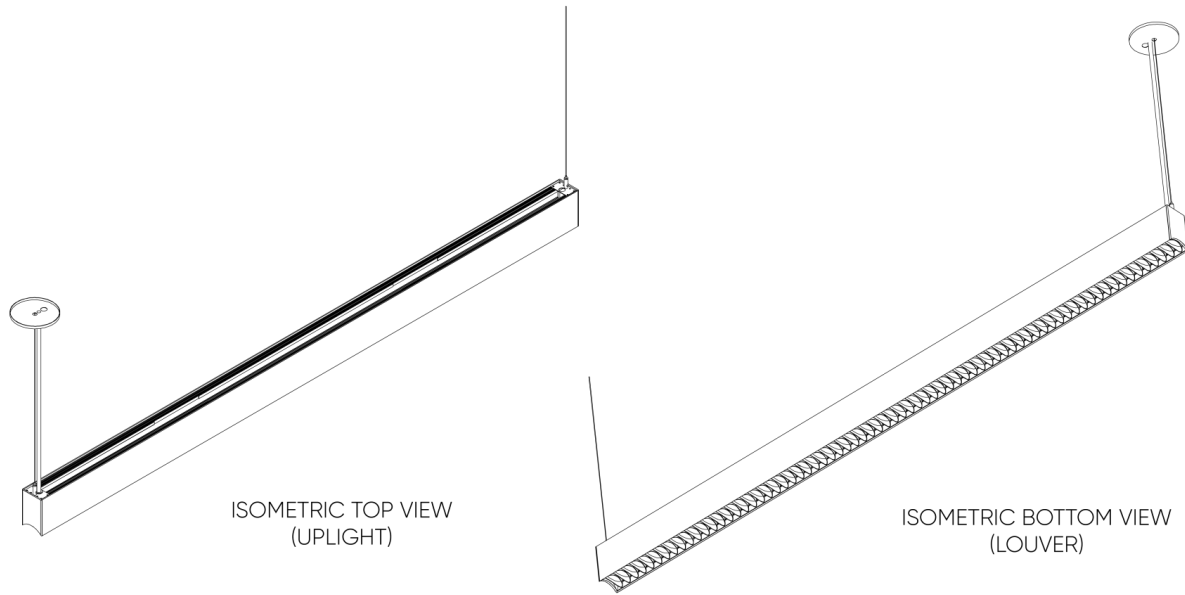
CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

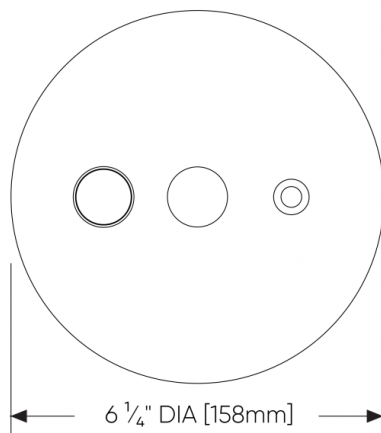
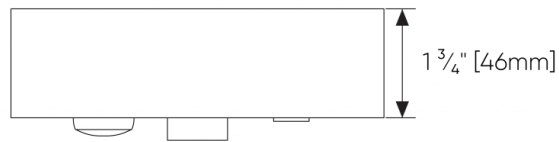
CCT 4000K



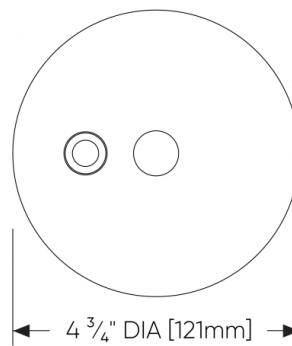
CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

10 DIMENSIONAL DIAGRAMS





Canopy with Sensor



Standard Canopy