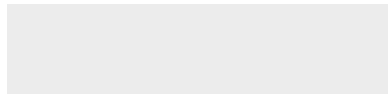
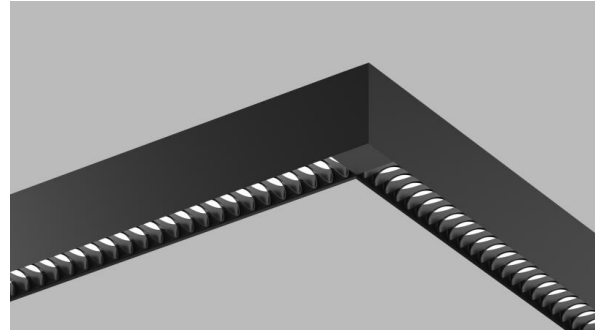


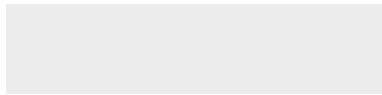


OOOOH SYSTEMS™

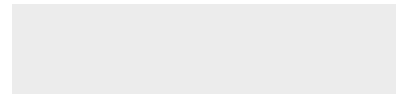
FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

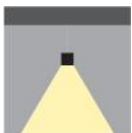


QUANTITIES

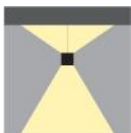
1 DESCRIPTION

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.

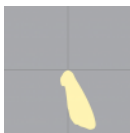
2 OPTICS & FEATURES



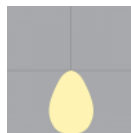
Suspended
Direct



Suspended
Direct/Indirect



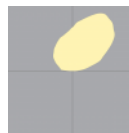
Direct DD1



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).

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.

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

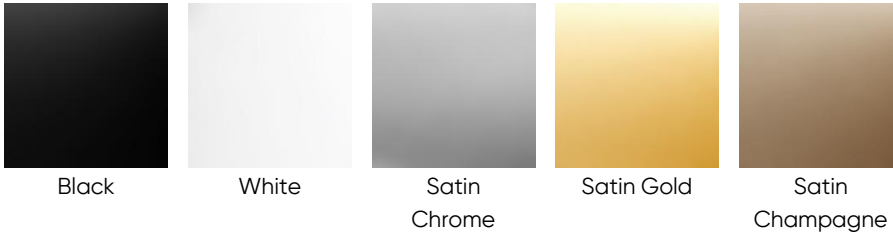
US Pat. No. D969,395.

SUSTAINABILITY

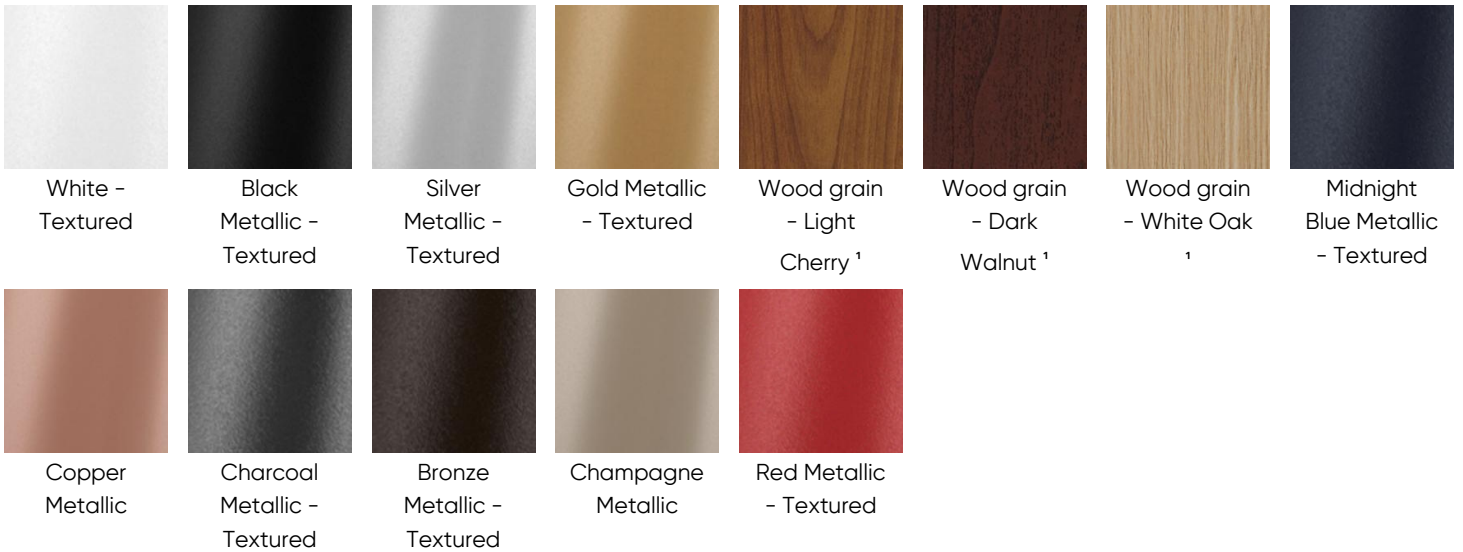
Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

5 DESIGN OPTIONS

LOUVER

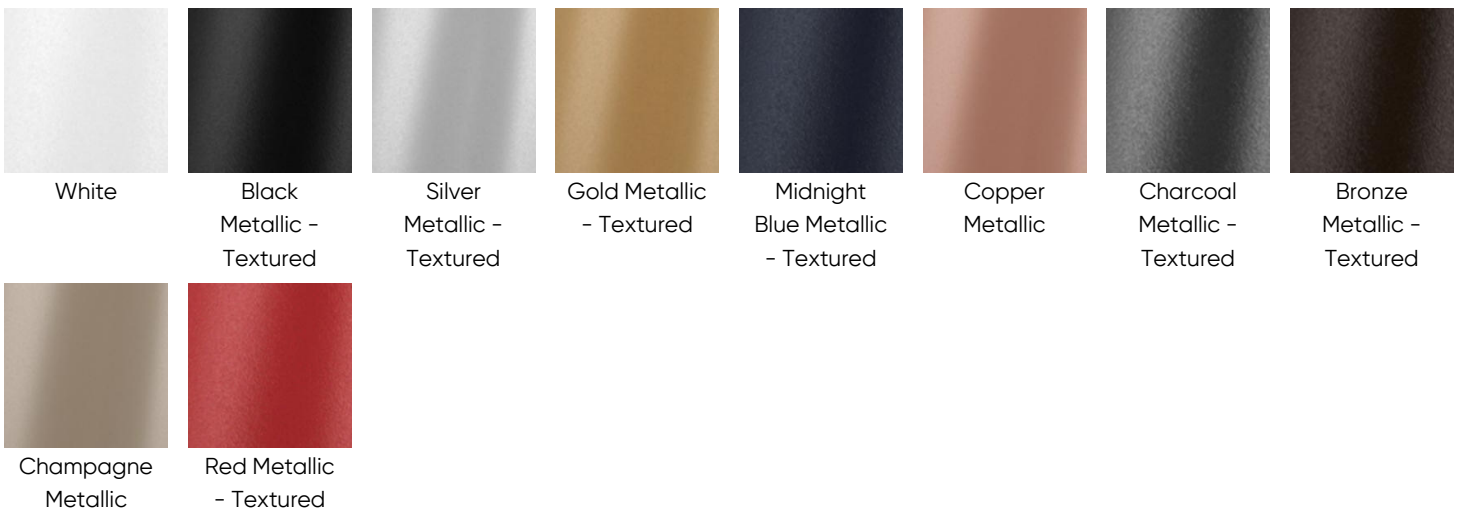


FINISH



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

CANOPY FINISH



6 HOW TO ORDER

Choose a Module

Make a selection from one of the following 7 sections. One power cord for every 153 linear meters. Connection parts for each section are shipped separately for on site assembly. Project drawings are not required for this product.

STRAIGHT SECTION 610MM

HL1PSL02 610mm middle section Direct
HL1PSM02 610mm middle section with power cord Direct
HL1PSN02 610mm section with end cap Direct
HL1PSP02 610mm section with end cap and power cord Direct

Available as Direct only.

STRAIGHT SECTION 1219MM

HL1PSL04 1219mm middle section Direct
HL1PSM04 1219mm middle section with power cord Direct
HL1PSN04 1219mm section with end cap Direct
HL1PSP04 1219mm section with end cap and power cord Direct
HL2PSL04 1219mm middle section Direct/Indirect
HL2PSM04 1219mm middle section with power cord Direct/Indirect
HL2PSN04 1219mm section with end cap Direct/Indirect
HL2PSP04 1219mm section with end cap and power cord Direct/Indirect

STRAIGHT SECTION 1829MM

HL1PSL06 1829mm middle section Direct
HL1PSM06 1829 middle section with power cord Direct
HL1PSN06 1829mm section with end cap Direct
HL1PSP06 1829mm section with end cap and power cord Direct
HL2PSL06 1829mm middle section Direct/Indirect
HL2PSM06 1829mm middle section with power cord Direct/Indirect
HL2PSN06 1829mm section with end cap Direct/Indirect
HL2PSP06 1829mm section with end cap and power cord Direct/Indirect

STRAIGHT SECTION 2438MM

HL1PSL08 2438mm middle section Direct
HL1PSM08 2438mm middle section with power cord Direct
HL1PSN08 2438mm section with end cap Direct
HL1PSP08 2438mm section with end cap and power cord Direct
HL2PSL08 2438mm middle section Direct/Indirect
HL2PSM08 2438mm middle section with power cord Direct/Indirect
HL2PSN08 2438mm section with end cap Direct/Indirect
HL2PSP08 2438mm middle section with end cap and power cord Direct/Indirect

STRAIGHT SECTION 3048MM

HL1PSL10 3048mm middle section Direct
HL1PSM10 3048mm middle section with power cord Direct
HL1PSN10 3048mm section with end cap Direct
HL1PSP10 3048mm section with end cap and power cord Direct
HL2PSL10 3048mm middle section Direct/Indirect
HL2PSM10 3048mm middle section with power cord Direct/Indirect
HL2PSN10 3048mm section with end cap Direct/Indirect
HL2PSP10 3048mm section with end cap and power cord Direct/Indirect

STRAIGHT SECTION 3658MM

HL1PSL12 3658mm middle section Direct
HL1PSM12 3658mm middle section with power cord Direct
HL1PSN12 3658mm section with end cap Direct
HL1PSP12 3658mm section with end cap and power cord Direct
HL2PSL12 3658mm middle section Direct/Indirect
HL2PSM12 3658mm middle section with power cord Direct/Indirect
HL2PSN12 3658mm section with end cap Direct/Indirect
HL2PSP12 3658mm section with end cap and power cord Direct/Indirect

CORNER SECTION (686MMX686MM L SHAPE)

HL1PSL01 Corner with no end caps Direct
HL1PSM01 Corner middle with power cord Direct
HL1PSN01 Corner with Left end cap Direct
HL1PSN03 Corner with Right end cap Direct
HL1PSP01 Corner with Left end cap and power cord Direct
HL1PSP03 Corner with Right end cap and power cord Direct
HL2PSL01 Corner with no end caps Direct/Indirect
HL2PSM01 Corner middle with power cord Direct/Indirect
HL2PSN01 Corner with Left end cap Direct/Indirect
HL2PSN03 Corner with Right end cap Direct/Indirect
HL2PSP01 Corner with Left end cap and power cord Direct/Indirect
HL2PSP03 Corner with Right end cap and power cord Direct/Indirect

LOUVER

LV2 Black
LV3 White
LV4 Satin Chrome
LV6 Satin Gold
LV9 Satin Champagne

LM/M (DIRECT)

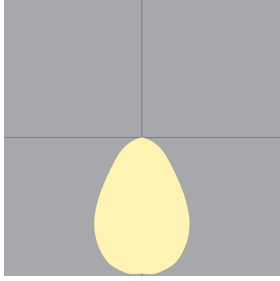
LPF020 700 lm/m
LPF030 1000 lm/m
LPF040 1300 lm/m
LPF050 1650 lm/m
LPF060 2000 lm/m
LPF070 2300 lm/m
LPF080 2700 lm/m
LPF100 3300 lm/m
LPF120 4000 lm/m
LPF130 4300 lm/m

Lumens/m are determined by the color of the Louver. Consult website for available lumens/m based on selected louver.

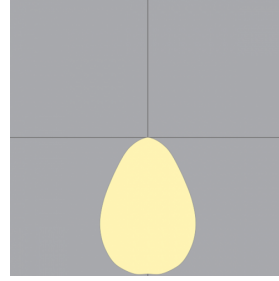
LM/M (INDIRECT) LPG000 Not required LPG020 700 lm/m LPG040 1300 lm/m LPG060 2000 lm/m LPG080 2700 lm/m LPG100 3300 lm/m LPG120 4000 lm/m LPG140 4700 lm/m LPG160 5400 lm/m Consult website for available lumens/m. All data shown based on DD3 diffuser.	CRI CR80 CRI 80+ CR90 CRI 90+	CCT (DIRECT) CTA27 2700K CTA30 3000K CTA35 3500K CTA40 4000K CTA60 Tunable White ¹ ¹ Consult factory.	CCT (INDIRECT) CTB00 Not required CTB27 2700K CTB30 3000K CTB35 3500K CTB40 4000K CTB60 Tunable White ¹ ¹ Consult factory.
DIRECT LENS DD1 Asymmetric ¹ 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 Batwing UD3 Asymmetric ¹ ¹ Available up to 4000 lm/m.	BLACKOUT PLATE UB00 Not required UB_ _ Blackout plate ¹ ¹ Available on a per 304.8mm 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 347V. 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 914mm cable suspension HLA06 1829mm cable suspension HLA09 2.74m cable suspension	FIXTURE FINISH 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.
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	EMERGENCY 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. Available upon request, consult factory for details. Not available with 347V.	CIRCUITS CS1 Single circuit CS2 Dual circuit ¹ ¹ Independent control of uplight for LELP2P.	SENSORS This product can be configured for integration with luminaire-level lighting controls. Contact the factory for available options and project-specific requirements.

7 PERFORMANCE DATA

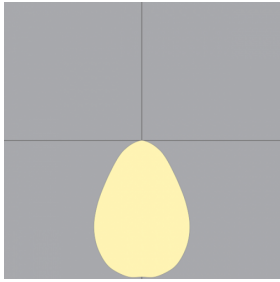
**DIRECT COMFORT (DD4) -
WHITE LOUVER**

	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

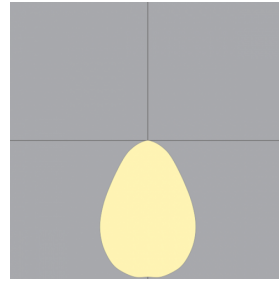
**DIRECT COMFORT (DD4) -
BLACK LOUVER**

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

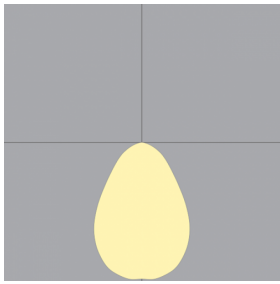
**DIRECT COMFORT (DD4) -
SATIN CHROME LOUVER**

	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

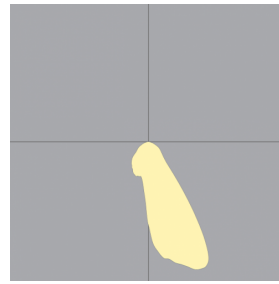
**DIRECT COMFORT (DD4) -
SATIN GOLD LOUVER**

	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

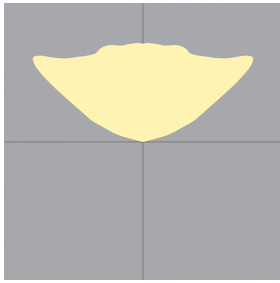
**DIRECT COMFORT (DD4) -
SATIN CHAMPAGNE LOUVER**

	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

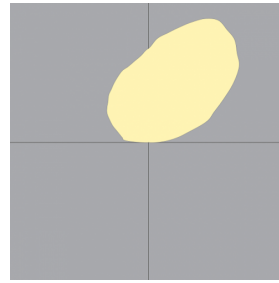
**DIRECT ASYMMETRIC (DD1) -
WHITE LOUVER**

	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)

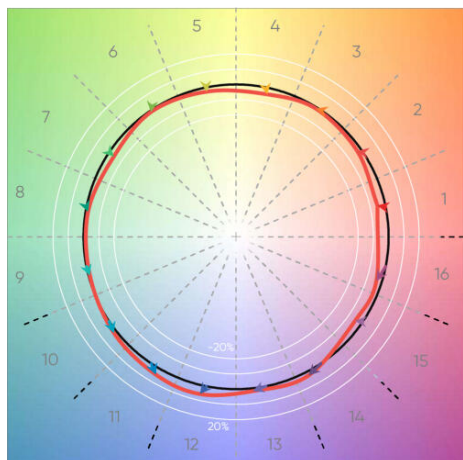
	LUMEN/FT	WATT/FT	LPW
	1600	13	133
	1400	10	138
	1200	9	141
	1000	7	145
	800	6	147
	600	4	151
	400	3	154
	200	1	154

**INDIRECT ASYMMETRIC
(UD3)**

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

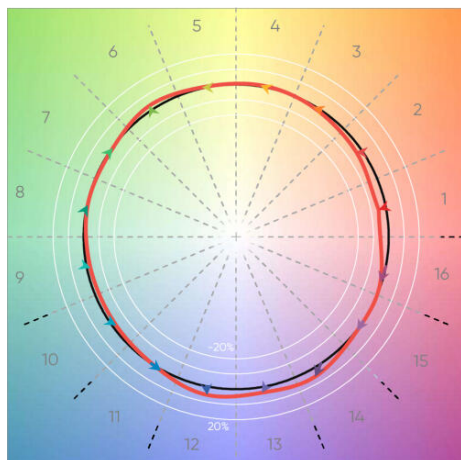
8 TM-30 DATA

CCT 2700K



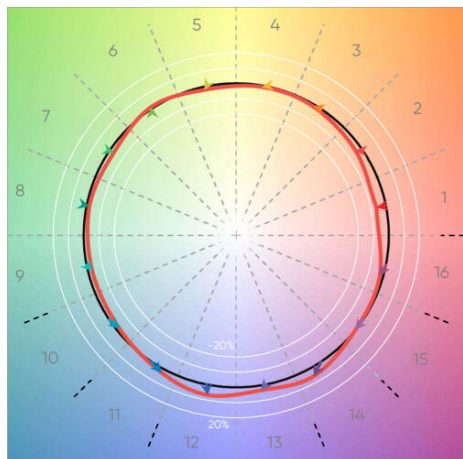
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



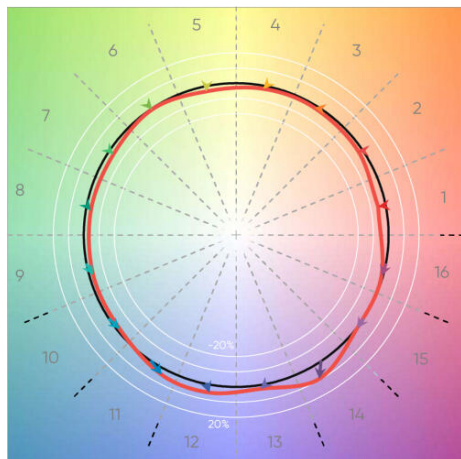
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



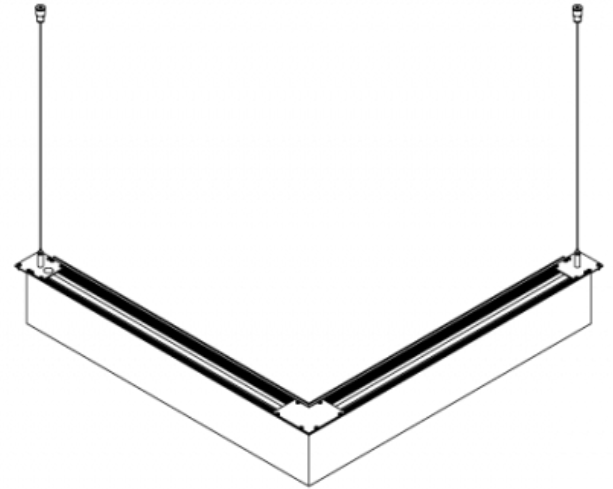
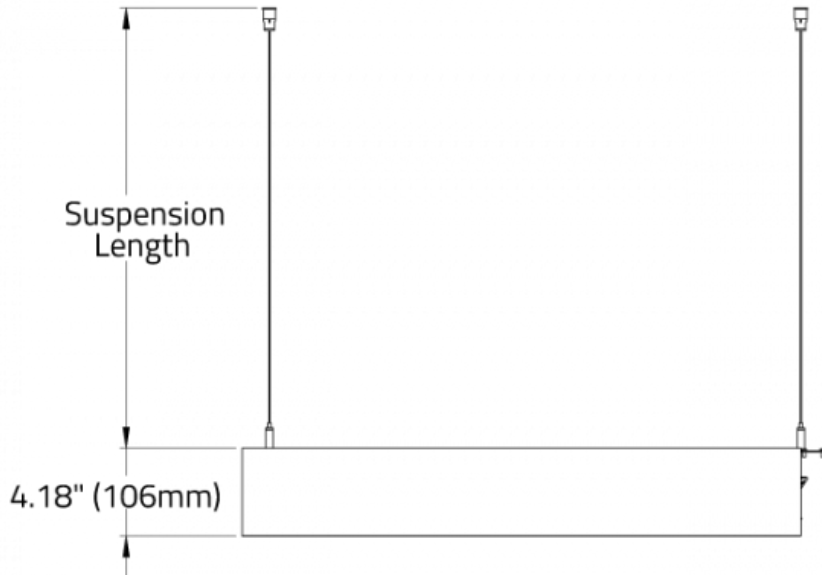
CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

CCT 4000K

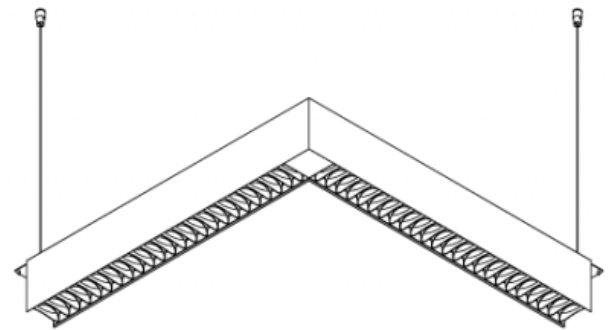
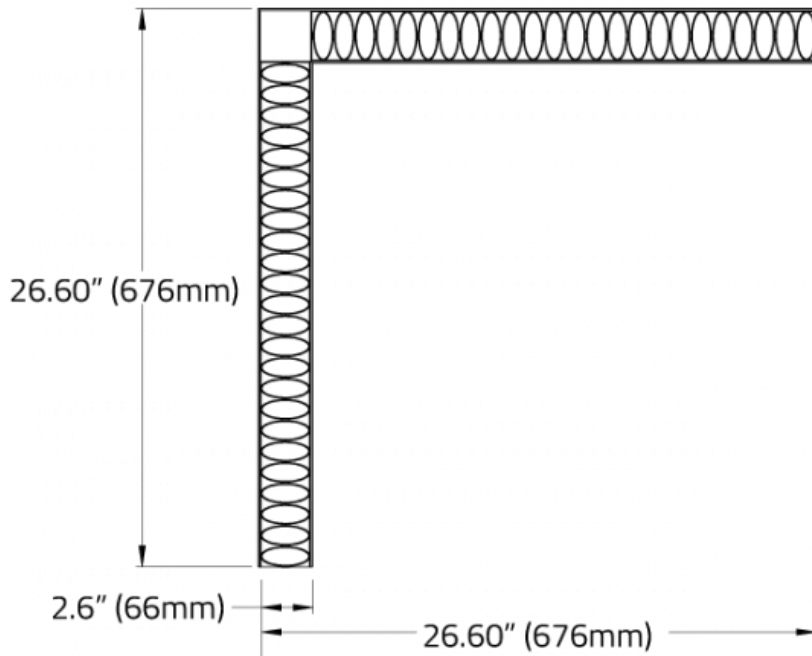


CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

9 DIMENSIONAL DIAGRAMS



ISOMETRIC TOP VIEW



ISOMETRIC BOTTOM VIEW