



LE LOUVRE™

FULL SPECIFICATION SHEET



Fixture Type

Fixture Code

Quantities

1 DESCRIPTION

The striking new concept in louver technology is disrupting the linear lighting category, and taking glare control to new heights. Our award-winning design with diagonal cross-hatched construction of the louver in a soft concave shape provides not just visual comfort but a touch of panache unseen in traditional linear lighting. Louvers are available in white for higher performance, black for the highest glare control, and rich satinized finishes - chrome, gold, champagne, for elegant interior designs.

2 MOUNTING & OPTICS



3 APPROVALS



4 GENERAL SPECIFICATION

BODY

Aluminum.

FINISH

Powder coated

SUSPENSION

Steel cables.

POWER CABLE

Silver braided.

DRIVERS

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

POE

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

DELIVERED LUMENS

Delivered lumens & LPW based on 4000K CRI 80+

REPORTED L70 @25°C (77°F)

> 60,000 hrs @ 2000 lumens/ft (6000 lumens/m)

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. D959,043.

DIFFUSER

Opal acrylic. 2.4" width.

BIOS

For circadian lighting, consult factory.

MECHANICAL

Luminaires mount directly over J box (by others).

ESTIMATED L70 @25°C (77°F)

> 165,000 hrs @ 2000 lumens/ft (6000 lumens/m)

SENSORS

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

RGBW

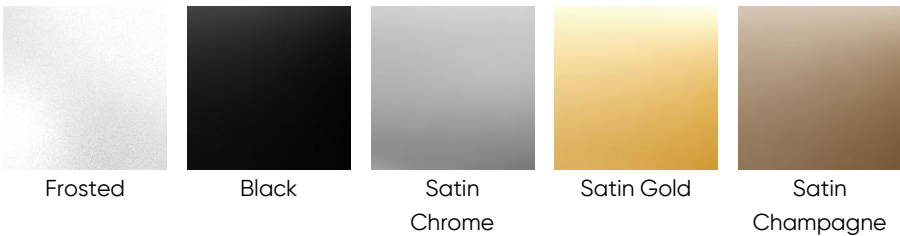
RGBW available, consult factory.

DESIGNED BY

Serge Cornelissen.

5 DESIGN OPTIONS

LOUVER



Refer to the performance data for the output specifications of each louver option.

FINISH



¹ Longer than normal lead times may apply, consult factory.

CANOPY FINISH



6 HOW TO ORDER

1. LUMINAIRE

LELP1P Direct **LELP2P** Direct/Indirect

One power cord for every 50 linear feet.

2. LENGTH OF RUN

The minimum length of order is 4ft. Lengths are to be in 2ft increments.

Example: 4ft = SFA040

Example: 10ft = SFA100

Example: 50ft = SFA500

For runs over 50ft in length, consult factory.

SFA_ _ _

The minimum length of order is 4ft. Lengths are to be in 2ft increments.

Example: 4ft = SFA040

Example: 10ft = SFA100

Example: 50ft = SFA500

For runs over 50ft in length, consult factory.

3. 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.

4. LOUVER

LV1 Frosted **LV2** Black **LV4** Satin Chrome **LV6** Satin Gold
LV9 Satin Champagne

Refer to the performance data for the output specifications of each louver option.

5. LM/FT (DIRECT)

LPF010 100 lm/ft	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		

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

6. LM/FT (INDIRECT)

LPG000 Not required	LPG025 250 lm/ft	LPG050 500 lm/ft	LPG075 750 lm/ft
LPG100 1000 lm/ft	LPG120 1200 lm/ft	LPG160 1600 lm/ft	

Consult website for available lumens/ft.

All data shown based on DD3 diffuser.

7. CRI

CR80 CRI 80+	CR90 CRI 90+
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8. CCT (DIRECT)

CTA27 2700K	CTA30 3000K	CTA35 3500K	CTA40 4000K
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9. CCT (INDIRECT)

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

10. DIRECT DIFFUSER

DD1 Asymmetric diffuser ¹	DD4 Comfort diffuser
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¹ Recommended for use with Frosted louver only. 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. UPLIGHT DIFFUSER

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

12. 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.

13. 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.

14. 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
DA30 DSI/switchDim ² **DA45** PoE ³

¹ Not available with 347V.

² Not available in North America.

³ Only available with V4.

15. 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.

16. SUSPENSION

HLA03 3ft cable suspension **HLA06** 6ft cable suspension **HLA09** 9ft cable suspension

17. 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	FA44 Midnight Blue Metallic – Textured	FA45 Copper Metallic
FA46 Charcoal Metallic – Textured	FA47 Bronze Metallic – Textured	FA52 Champagne Metallic	FA53 Red Metallic – Textured

¹ Longer than normal lead times may apply, consult factory.

18. 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		

19. EMERGENCY

E0 Not required	E1 Emergency system – Integral ¹	E3 Emergency generator circuit ¹
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¹ A drawing will be required at the time of ordering to determine the required number and location of the emergency sections or generator circuits. ¹ Available upon request, consult factory for details. Not available with 347V.

20. CIRCUITS

CS1 Single circuit	CS2 Dual circuit ¹
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¹ Independent control of uplight for LELP2P.

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	LLEP1P	LLEP2P
Light Direction	Direct	Direct/Indirect

8 PERFORMANCE DATA

DIRECT FROSTED LOUVER WITH COMFORT LENS (DD4)

	LUMEN/FT	WATT/FT	LPW
	1200	13	101
	1000	9	107
	800	7	109
	700	6	111
	600	5	115
	500	4	115
	400	3	115
	300	2	116
	200		121

DIRECT BLACK LOUVER WITH COMFORT LENS (DD4)

	LUMEN/FT	WATT/FT	LPW
	500	13	40
	400	9	42
	300	7	43
	200	5	45
	100	2	47

DIRECT SATIN CHROME LOUVER WITH COMFORT LENS (DD4)

	LUMEN/FT	WATT/FT	LPW
	800	13	60
	700	11	60
	600	9	63
	500	7	65
	400	5	68
	300	3	68
	200	3	68
	100	2	69

DIRECT SATIN GOLD LOUVER WITH COMFORT LENS (DD4)

	LUMEN/FT	WATT/FT	LPW
	800	13	59
	700	11	59
	600	9	62
	500	7	63
	400	5	66
	300	3	66
	200	3	66
	100	2	68

DIRECT SATIN CHAMPAGNE LOUVER COMFORT LENS (DD4)

	LUMEN/FT	WATT/FT	LPW
	800	13	60
	700	11	60
	600	9	63
	500	7	65
	400	5	68
	300	3	68
	200	3	68
	100	2	69

INDIRECT BATWING (UD1)

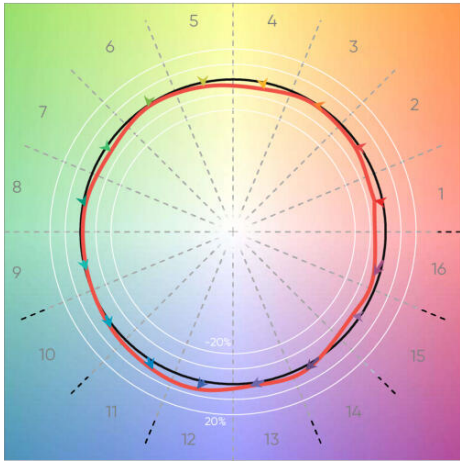
	LUMEN/FT	WATT/FT	LPW
	1600	13	129
	1200	9	137
	1000	7	140
	750	5	146
	500	3	147
	250	2	152

INDIRECT ASYMMETRIC (UD3)

	LUMEN/FT	WATT/FT	LPW
	1200	13	97
	1000	10	100
	750	8	103
	500	5	107
	250	2	112

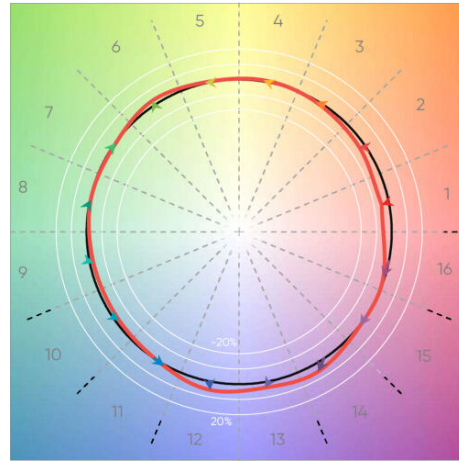
9 TM-30 DATA

CCT 2700K



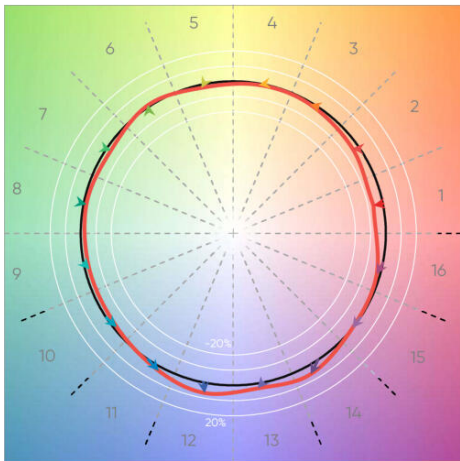
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CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



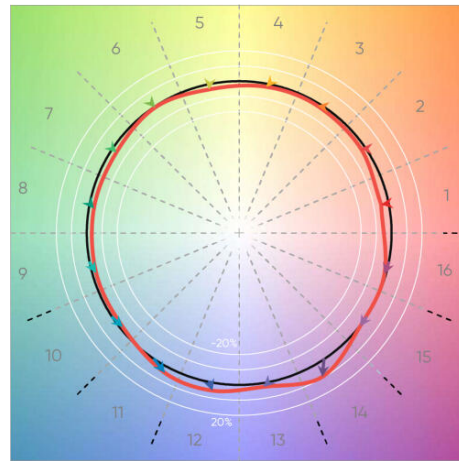
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CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



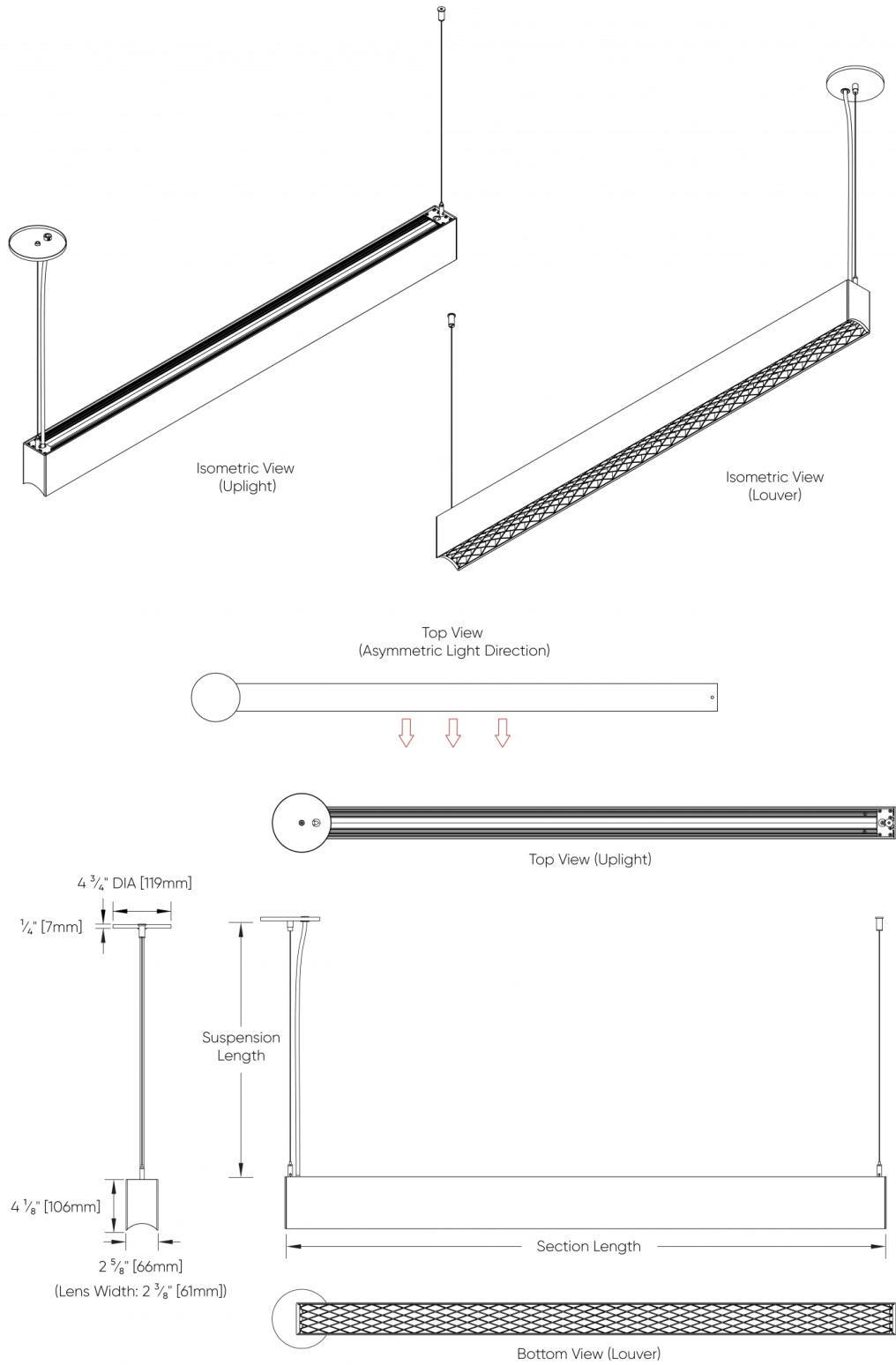
CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

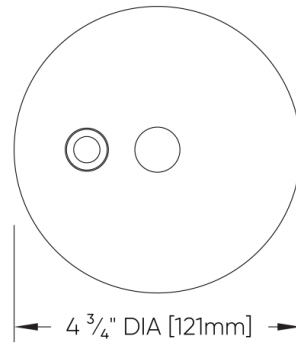
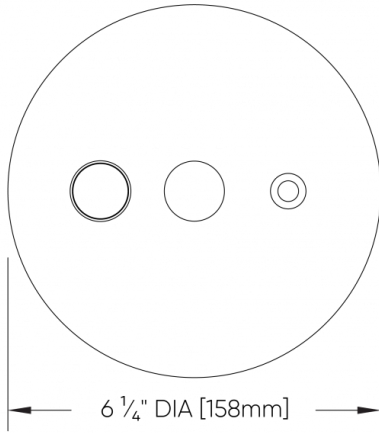
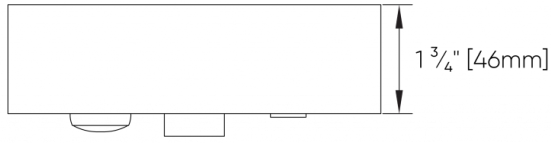
CCT 4000K



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

10 DIMENSIONAL DIAGRAMS





Canopy with Sensor

Standard Canopy