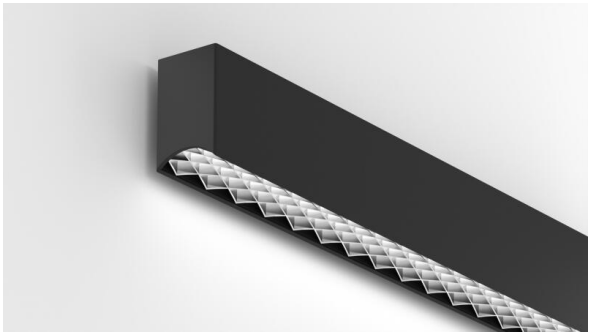
LE LOUVRE™

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 with a UGR <19. 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 Frosted for higher performance, Black for the highest glare control, and rich satinized finishes - Chrome, Gold, Champagne, for elegant interior designs. The selection of louvers can offer either a monochromatic appearance to blend into the space or create contrast to highlight the structure and uniqueness of the **LE LOUVRE** in a space. This stunning luminaire can also deliver up to 130 lumens per watt while controlling glare so effectively.

2 OPTICS & FEATURES


Wall - Direct/Indirect


Indirect UD2


Indirect UD3


Direct DD4



Bios



Declare



PoE



Tunable White

3 APPROVALS



4 GENERAL SPECIFICATION

BODY

Aluminum.

FINISH

Powder coated

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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+

INTEGRAL EMERGENCY SYSTEM(E1)
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. Refer to the Emergency option notes below for wattage, configuration and regional details.

REPORTED L70 @25°C (77°F)
> 60,000 hrs @ 2000 lumens/ft (6000 lumens/m)

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.

LENS
Opal acrylic. 2.4" width.

BIOS
For circadian lighting, consult factory.

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.

ESTIMATED L70 @25°C (77°F)
> 165,000 hrs @ 2000 lumens/ft (6000 lumens/m)

RGBW
RGBW available, consult factory.

DESIGNED BY
Serge Cornelissen.

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

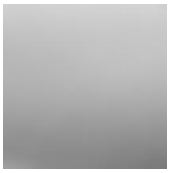
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5 DESIGN OPTIONS

LOUVER

Frosted


Black


Satin Chrome


Satin Gold [1]


Satin Champagne [1]

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

[1] There will be a slight color cast on the wall when using the Satin Gold or Satin Champagne louvers.

FINISH

White - Textured


Black Metallic - Textured

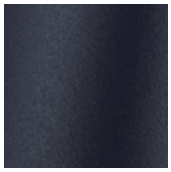

Silver Metallic - Textured


Gold Metallic - Textured


Wood grain - Light Cherry [1]


Wood grain - Dark Walnut [1]


Wood grain - White Oak [1]


Midnight Blue Metallic - Textured


Copper Metallic


Charcoal Metallic - Textured


Bronze Metallic - Textured


Champagne Metallic


Red Metallic - Textured

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

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6 HOW TO ORDER

LUMINAIRE

LELW1W Direct
LELW2W 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' = SFA040, 10' = SFA100, 50' = SFA500
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 40' run is required and SL12 (12') is selected, we would provide 4 10' segments. For special requirements, please contact sales@betacalco.com.

LOUVER

LV1 Frosted
LV2 Black
LV4 Satin Chrome
LV6 Satin Gold [1]
LV9 Satin Champagne [1]

Refer to the performance data for the output specifications of each louver option.
[1] There will be a slight color cast on the wall when using the Satin Gold or Satin Champagne louvers.

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.

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 based on selected louvers.

CRI

CR80 CRI 80+
CR90 CRI 90+

CCT (DIRECT)

CTA27 2700K
CTA30 3000K
CTA35 3500K
CTA40 4000K
CTA60 Tunable White

* If Tunable White is required, it needs to be selected for both direct and indirect. For other combinations, consult factory.

CCT (INDIRECT)

CTB00 Not required
CTB27 2700K
CTB30 3000K
CTB35 3500K
CTB40 4000K
CTB60 Tunable White

* If Tunable White is required, it needs to be selected for both direct and indirect. For other combinations, consult factory.

DIRECT LENS

DD1 Asymmetric [1]
DD4 Comfort

[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.

INDIRECT LENS

UD0 Not required
UD2 Opal
UD3 Asymmetric [1]

[1] Available up to 1200 lm/ft.The asymmetric distribution will be directed away from the wall.

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]
DA23 DALI DT8 Dimming 0.1% - Tunable White [1] [2]
DA30 DSI/switchDim [2]
DA45 PoE [3]

[1] Not available with V3.
[2] Only available with Tunable White.
[3] Only available with V4.

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.

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EMERGENCY

E0 Not required

E1 Emergency system - Integral [1] [2]

E3 Emergency generator circuit [1] [2]

[1] Specify quantity of emergency sections or emergency generator circuits required based off total length of run. Not available with 347V.

[2] For North America, the minimum emergency system wattage is 10W. Refer to the fixture's lumens per watt to estimate emergency light output. The emergency system typically powers only a portion of the fixture, depending on the fixture configuration and number of drivers. Consult factory for emergency system configuration and illuminated section details.
For Europe, the emergency system wattage and configuration may vary. Consult factory for details.

Note: A drawing will be required at the time of ordering to determine the required location of the emergency sections or generator circuits.

CIRCUITS

CS1 Single circuit

CS2 Dual circuit [1]

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

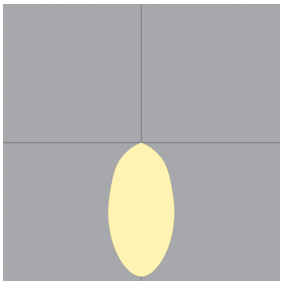
LUMINAIRE

One power cord for every 50 linear feet.

Code	**LELW1W**	**LELW2W**
Light Direction	Direct	Direct/Indirect

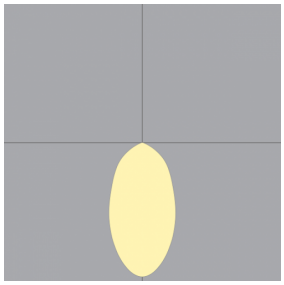
8 PERFORMANCE DATA

DIRECT FROSTED LOUVER WITH COMFORT LENS (DD4)



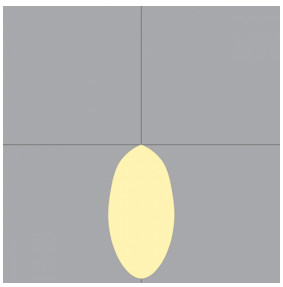
LUMEN/FT	WATT/FT	LPW
1200	13	101
1000	9	107
800	7	109
700	6	111
600	5	115
500	4	115
400	3	115
300	2	116
200		121

DIRECT BLACK LOUVER WITH COMFORT LENS (DD4)



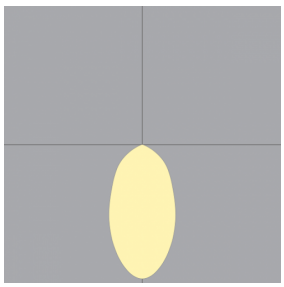
LUMEN/FT	WATT/FT	LPW
500	13	40
400	9	42
300	7	43
200	5	45
100	2	47

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

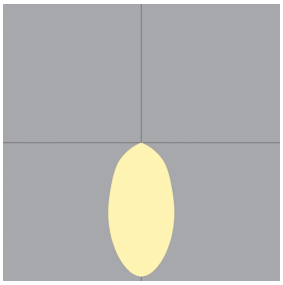
DIRECT SATIN GOLD LOUVER WITH COMFORT LENS (DD4)



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

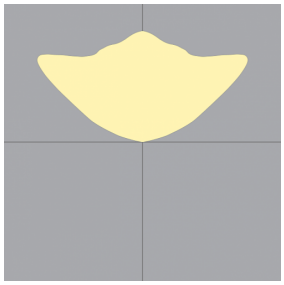
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DIRECT SATIN CHAMPAGNE LOUVER WITH COMFORT LENS (DD4)



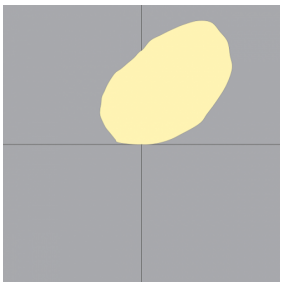
LUMEN/FT	WATT/FT	LPW
800	13	60
700	11	60
600	9	63
500	7	65
400	5	68
300	3	68
200	3	68
100	2	69

INDIRECT OPAL (UD2)



LUMEN/FT	WATT/FT	LPW
1600	13	128
1200	9	132
1000	7	136
750	5	144
500	3	144
250	2	147

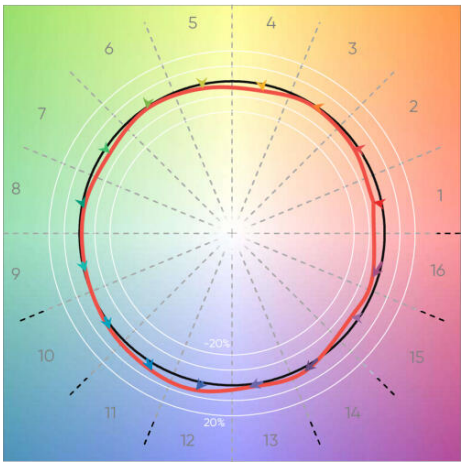
INDIRECT ASYMMETRIC (UD3)



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

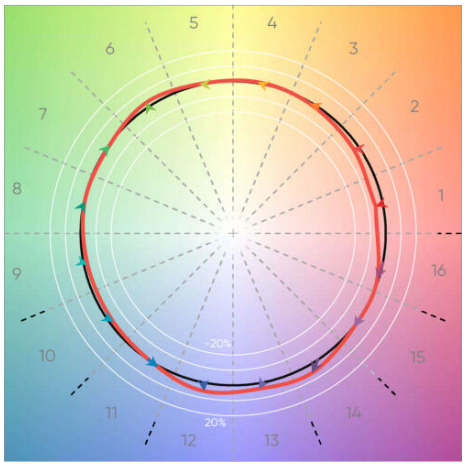
9 TM-30 DATA

CCT 2700K



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

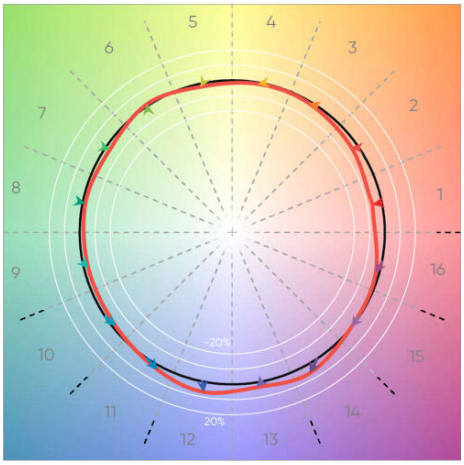
CCT 3000K



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

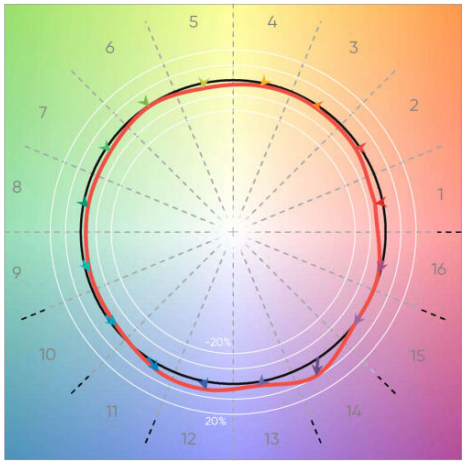
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CCT 3500K



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

CCT 4000K

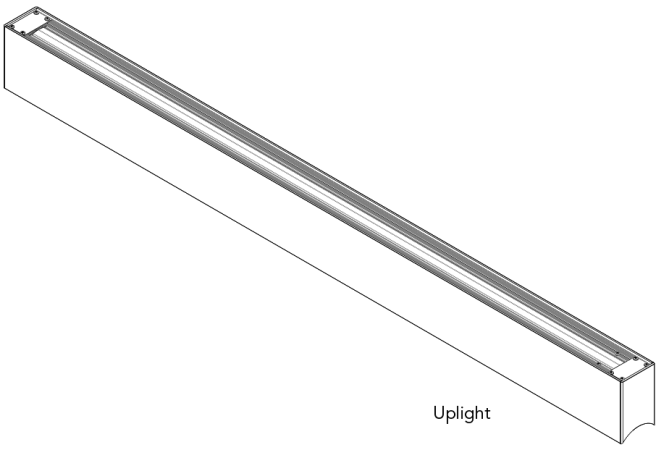


CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

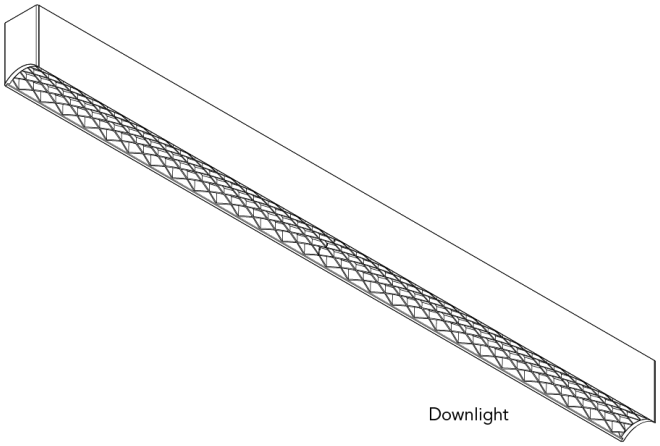
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10 DIMENSIONAL DIAGRAMS

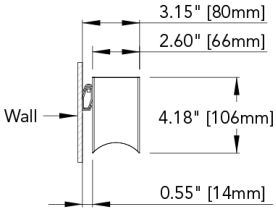
Isometric Views

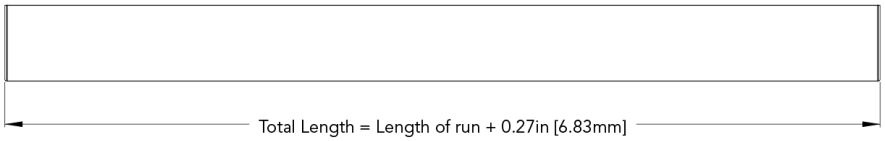


Uplight



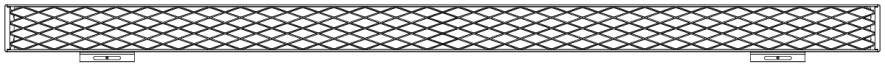
Downlight







Top View [Uplight]

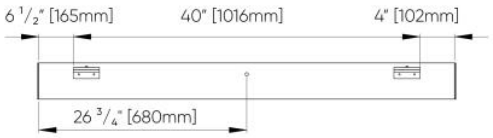


Bottom View [Downlight]

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WALL MOUNT CONFIGURATIONS

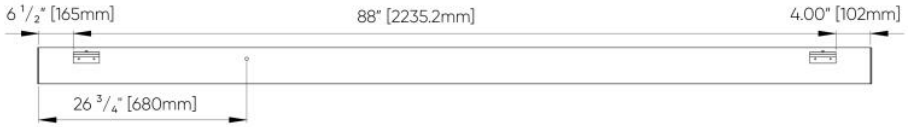
4FT



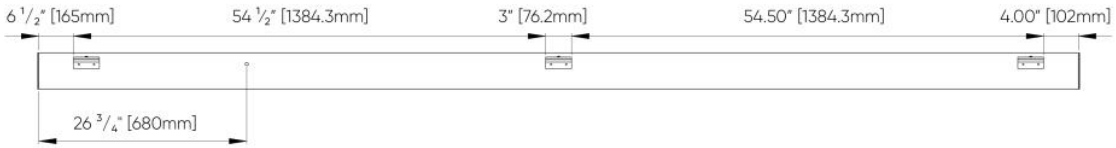
6FT



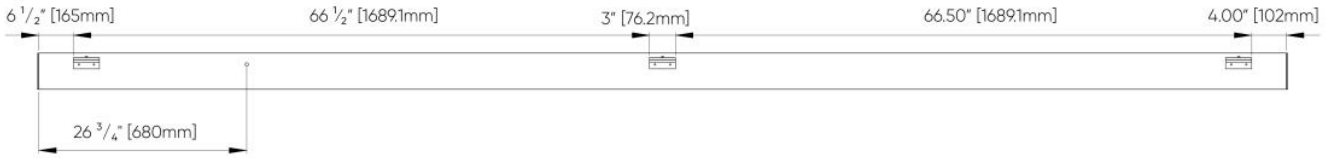
8FT



10FT



12FT



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