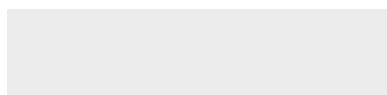


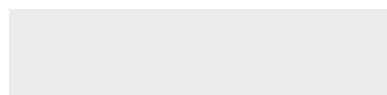


LE LOUVRE™

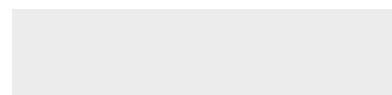
FULL SPECIFICATION SHEET



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 white 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



3 APPROVALS



4 GENERAL SPECIFICATION

BODY

Aluminum.

FINISH

Powder coated.

DRIVERS

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

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.

POE

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

REPORTED L70 @25°C (77°F)

> 60,000 hrs @ 1200 lumens/ft (3600 lumens/m).

DELIVERED LUMENS

Delivered lumens & LPW based on 4000K CRI 80+

RGBW

RGBW available, consult factory.

DESIGNED BY

Serge Cornelissen.

LENS

Opal acrylic. 2.4" width.

GRID CEILINGS

Dimensions are nominal for grid ceiling fixtures. Fixtures are designed to fit within standard grid ceiling systems.

BIOS

For circadian lighting, consult factory.

ESTIMATED L70 @25°C (77°F)

> 149,000 hrs @ 1200 lumens/ft (3600 lumens/m).

TUNABLE WHITE

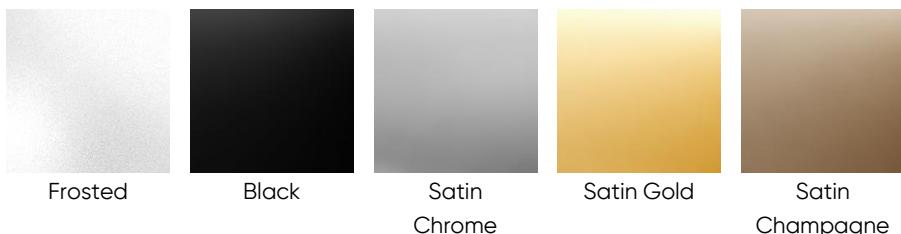
Tunable White range from 2700K to 6500K is available; contact the factory for details.

APPROVALS

Damp Rated.

DESIGN

US Pat. No. D959,043..

5 DESIGN OPTIONS**LOUVER**

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

6 HOW TO ORDER

1. LUMINAIRE**LELR1R** Direct

.One power cord for every 50 linear feet.

2. LENGTH OF RUN

Minimum length to order is 4' and orders to be in 2' increments. Example:

4' = SFG04, 10' = SFG10, 50' = SFG50

For runs over 50' in length, consult factory.

SFG_ _

Minimum length to order is 4' and orders to be in 2' increments. Example:

4' = SFG04, 10' = SFG10, 50' = SFG50

For runs over 50' 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 40' run is required and SL12 (12') is selected, we would provide 4 10' 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

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. All data shown based on DD3 diffuser.

6. CRI

CR80 CRI 80+

CR90 CRI 90+

7. CCT

CTA27 2700K

CTA30 3000K

CTA35 3500K

CTA40 4000K

8. 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.

9. 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.

10. 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.

11. CEILING TYPE & TRIM

RT1 Tegular ceiling ¹

RT2 T-Bar ceiling ²

RT3 Trimless ³

RT4 Trim ³

¹ Fixture designed to fit into a 9/16" or 15/16" standard tegular grid T-bar and through tile mount. Dimensions are nominal for grid ceiling fixtures. All fixture metalwork is white.

² Fixture designed to fit into a 9/16" or 15/16" standard grid T-bar and through tile mount. Dimensions are nominal for grid ceiling fixtures. All fixture metalwork is white.

³ Fixture designed for drywall ceilings. All fixture metalwork is white.

12. EMERGENCY

E0 Not required

E1 Emergency system - Integral ¹ **E3** Emergency generated 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.

13. CHICAGO PLENUM

CPO Not required

CP1 Chicago Plenum

7 TECHNICAL DATA

LUMINAIRE

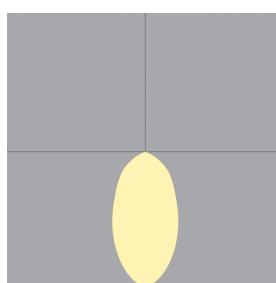
.One power cord for every 50 linear feet.

Code **LELR1R**

Light Direction Direct

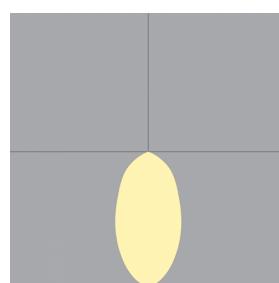
8 PERFORMANCE DATA

DIRECT FROSTED LOUVER WITH COMFORT LENS (DD4)



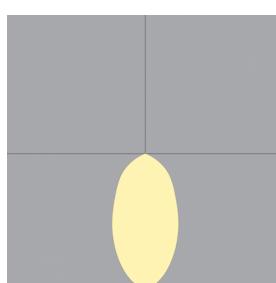
LUMEN/FT	WATT/FT	LPW
1200	13	101
1000	9	107
800	7	109
700	6	111
600	5	115
500	4	115
400	3	115
300	3	116
200	2	121

DIRECT BLACK LOUVER WITH COMFORT LENS (DD4)



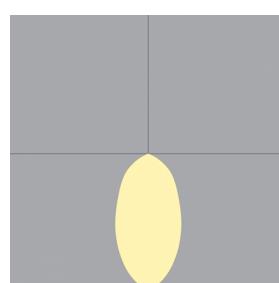
LUMEN/FT	WATT/FT	LPW
500	13	40
400	9	42
300	7	43
200	6	45
100	5	47
	2	

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)

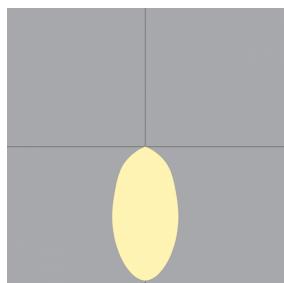


LUMEN/FT	WATT/FT	LPW
800	13	59
700	11	59
600	9	62
500	7	63
400	5	66
300	3	66
200	3	66
100	2	68

DIRECT SATIN CHAMPAGNE

LOUVER WITH COMFORT

LENS (DD4)



LUMEN/FT

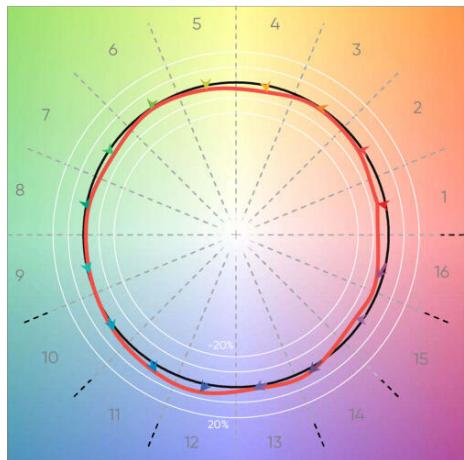
WATT/FT

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

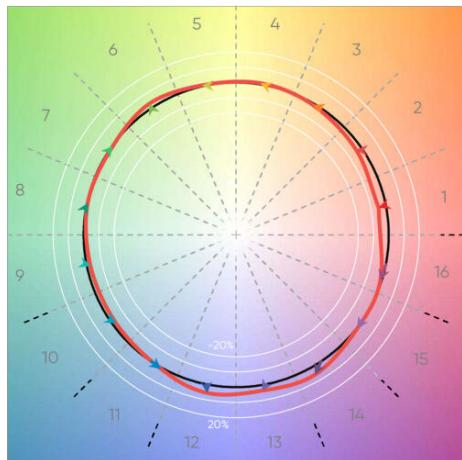
9 TM-30 DATA

CCT 2700K



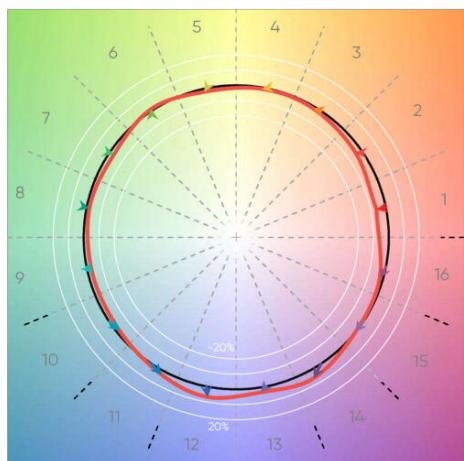
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.00022

CCT 3000K



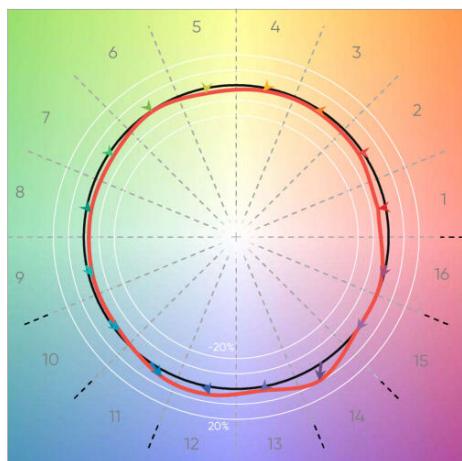
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.00007

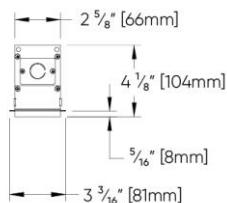
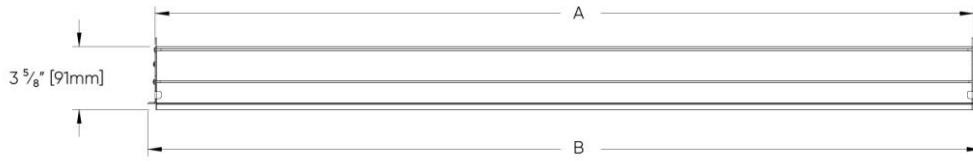
CCT 4000K



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

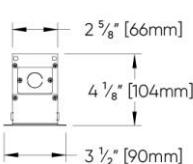
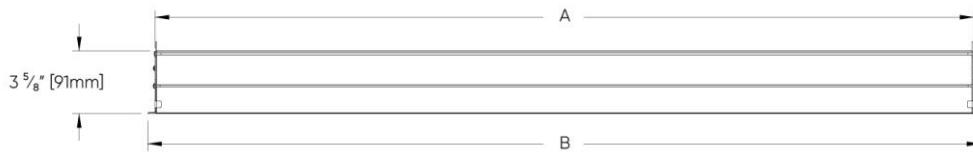
10 DIMENSIONAL DIAGRAMS

Grid Ceiling - Tegular ceiling (RT1)



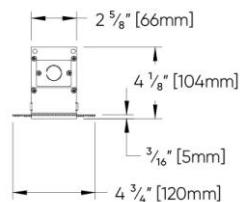
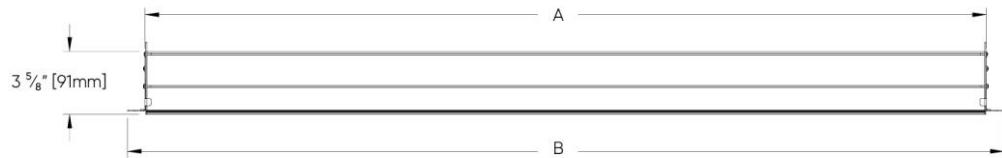
Length of run	A	B
4FT	46 7/8" [1191 mm]	47 11/16" [1212 mm]
6FT	70 7/8" [1800mm]	71 11/16" [1821mm]
8FT	94 7/8" [2409mm]	95 11/16" [2430mm]
10FT	118 7/8" [3018mm]	119 11/16" [3039mm]
12FT	142 7/8" [3627mm]	143 11/16" [3648mm]

Grid Ceiling - T-bar ceiling (RT2)



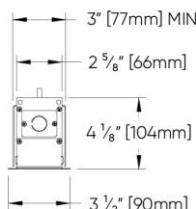
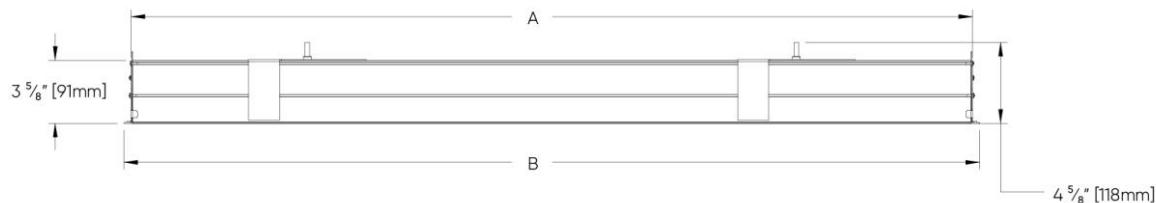
Length of run	A	B
4FT	46 7/8" [1191 mm]	47 11/16" [1212 mm]
6FT	70 7/8" [1800mm]	71 11/16" [1821mm]
8FT	94 7/8" [2409mm]	95 11/16" [2430mm]
10FT	118 7/8" [3018mm]	119 11/16" [3039mm]
12FT	142 7/8" [3627mm]	143 11/16" [3648mm]

Hard Ceiling - Trimless (RT3)



Length of run	A	B
4FT	48 3/16" [1224 mm]	50 3/16" [1275 mm]
6FT	72 3/16" [1833 mm]	74 3/16" [1884mm]
8FT	96 3/16" [2442mm]	98 3/16" [2493mm]
10FT	120 3/16" [3051mm]	122 3/16" [3102mm]
12FT	144 3/16" [3660mm]	146 3/16" [3711mm]

Hard Ceiling - Trim (RT4)



Length of run	A	B
4FT	48 3/16" [1224 mm]	49" [1245 mm]
6FT	72 3/16" [1833 mm]	73" [1854mm]
8FT	96 3/16" [2442mm]	97" [2464mm]
10FT	120 3/16" [3051mm]	121" [3173mm]
12FT	144 3/16" [3660mm]	145" [3683mm]