



# LE LOUVRE™

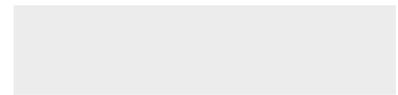
## FULL SPECIFICATION SHEET



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.

#### **SUSTAINABILITY**

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

#### **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**

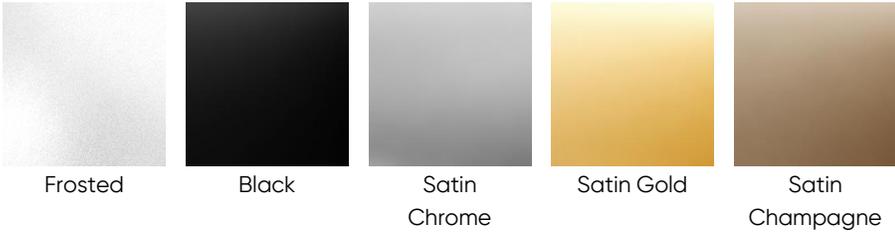
Damp Rated.

#### **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\_ \_

**3. MAX LENGTH PER SECTION**

<b>SL04</b> 4ft	<b>SL06</b> 6ft	<b>SL08</b> 8ft	<b>SL10</b> 10ft
<b>SL12</b> 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**

<b>LV1</b> Frosted	<b>LV2</b> Black	<b>LV4</b> Satin Chrome	<b>LV6</b> Satin Gold
<b>LV9</b> Satin Champagne			

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

## 5. LM/FT

<b>LPF010</b> 100 lm/ft	<b>LPF020</b> 200 lm/ft	<b>LPF030</b> 300 lm/ft	<b>LPF040</b> 400 lm/ft
<b>LPF050</b> 500 lm/ft	<b>LPF060</b> 600 lm/ft	<b>LPF070</b> 700 lm/ft	<b>LPF080</b> 800 lm/ft
<b>LPF100</b> 1000 lm/ft	<b>LPF120</b> 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

<b>CR80</b> CRI 80+	<b>CR90</b> CRI 90+
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## 7. CCT

<b>CTA27</b> 2700K	<b>CTA30</b> 3000K	<b>CTA35</b> 3500K	<b>CTA40</b> 4000K
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## 8. LENS

<b>DD1</b> Asymmetric <sup>1</sup>	<b>DD4</b> Comfort
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<sup>1</sup> 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

<b>V1</b> 120/277V	<b>V2</b> 240V <sup>1</sup>	<b>V3</b> 347V <sup>2</sup>	<b>V4</b> Low Voltage <sup>3</sup>
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<sup>1</sup> Not available in North America. <sup>2</sup> Only available with DA01 dimming. <sup>3</sup> Only available with DA45.

## 10. DIMMING

<b>DA01</b> 0-10V Dimming 1.0%	<b>DA02</b> 0-10V Dimming 0.1% <sup>1</sup>	<b>DA20</b> DALI Dimming 0.1% <sup>1</sup>	<b>DA21</b> DALI Dimming 1.0% <sup>1</sup>
<b>DA30</b> DSI/switchDim <sup>2</sup>	<b>DA45</b> PoE <sup>3</sup>		

<sup>1</sup> Not available with 347V. <sup>2</sup> Not available in North America. <sup>3</sup> Only available with V4.

**11. CEILING TYPE & TRIM**

**RT1** Tegular ceiling <sup>1</sup>

**RT2** T-Bar ceiling <sup>2</sup>

**RT3** Trimless <sup>3</sup>

**RT4** Trim <sup>3</sup>

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> Fixture designed for drywall ceilings. All fixture metalwork is white.

**12. EMERGENCY**

**E0** Not required

**E1** Emergency system – Integral <sup>1</sup> **E3** Emergency generated circuit <sup>1</sup>

<sup>1</sup> 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**

**CP0** Not required

**CP1** Chicago Plenum

**7 TECHNICAL DATA**

**LUMINAIRE**

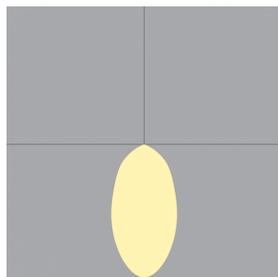
.One power cord for every 50 linear feet.

**Code** LELR1R

**Light Direction** Direct

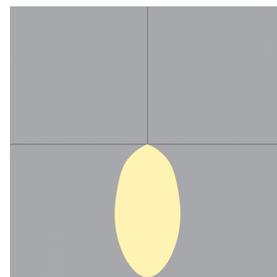
**8 PERFORMANCE DATA**

**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	

**b** LE LOUVRE™ – CONTINUOUS RECESSED  
FULL SPECIFICATION SHEET

**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)**

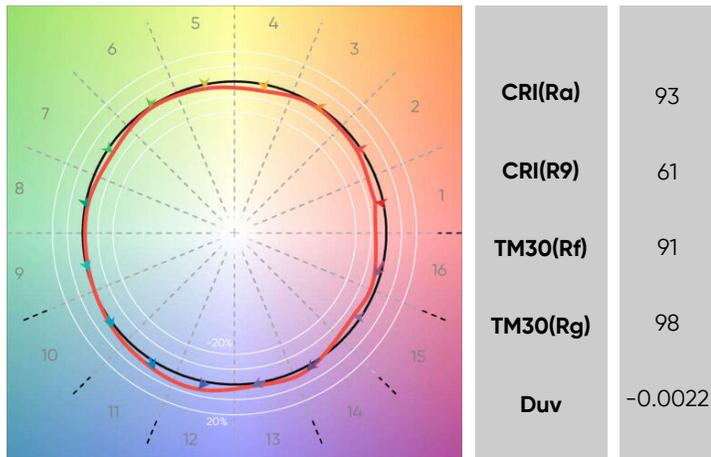
	LUMEN/FT	WATT/FT	LPW
	800	13	59
	700	11	59
	600	9	62
	500	7	63
	400	5	66
	300	3	66
	200	3	66
	100	2	68

**DIRECT SATIN CHAMPAGNE  
LOUVER WITH COMFORT  
LENS (DD4)**

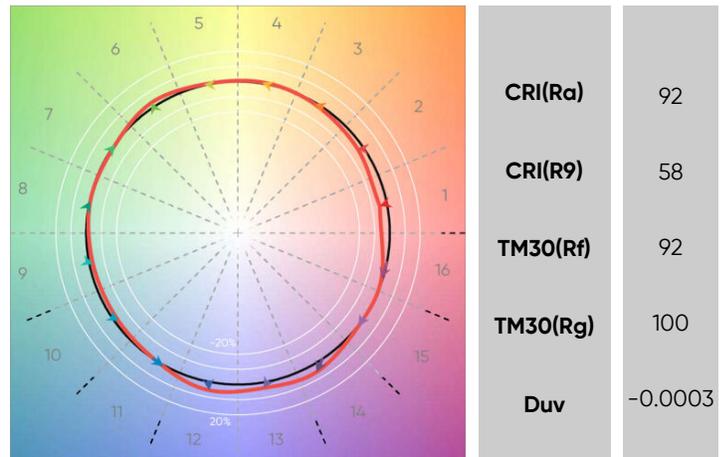
	LUMEN/FT	WATT/FT	LPW
	800	13	60
	700	11	60
	600	9	63
	500	7	65
	400	5	68
	300	3	68
	200	3	68
	100	2	69

**9 TM-30 DATA**

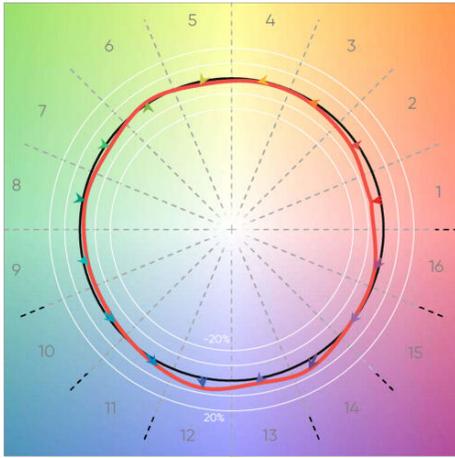
**CCT 2700K**



**CCT 3000K**

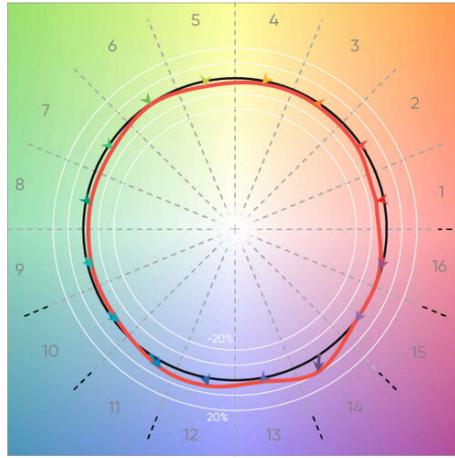


**CCT 3500K**



<b>CRI(Ra)</b>	91
<b>CRI(R9)</b>	53
<b>TM30(Rf)</b>	90
<b>TM30(Rg)</b>	99
<b>Duv</b>	-0.0007

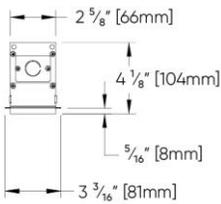
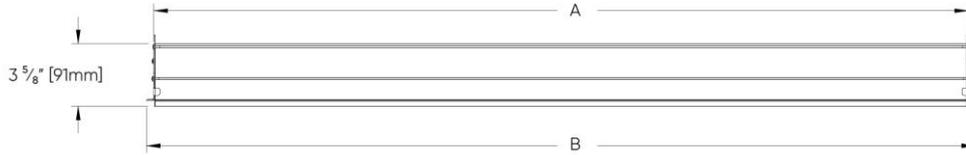
**CCT 4000K**



<b>CRI(Ra)</b>	93
<b>CRI(R9)</b>	64
<b>TM30(Rf)</b>	90
<b>TM30(Rg)</b>	98
<b>Duv</b>	0.0000

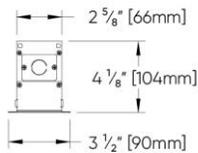
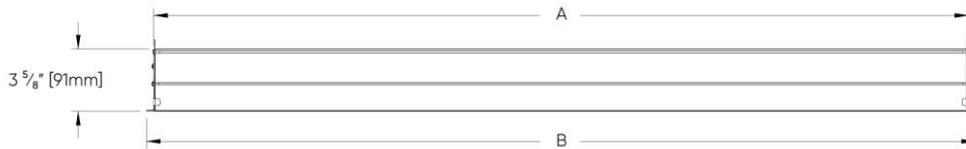
**10 DIMENSIONAL DIAGRAMS**

**Grid Ceiling - Tegular ceiling (RT1)**



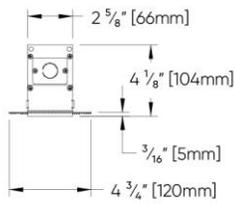
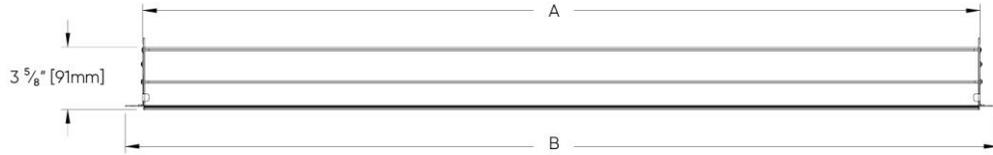
Length of run	A	B
4FT	46 7/8" [1191 mm]	47 1/16" [1212 mm]
6FT	70 7/8" [1800mm]	71 1/16" [1821mm]
8FT	94 7/8" [2409mm]	95 1/16" [2430mm]
10FT	118 7/8" [3018mm]	119 1/16" [3039mm]
12FT	142 7/8" [3627mm]	143 1/16" [3648mm]

**Grid Ceiling - T-bar ceiling (RT2)**



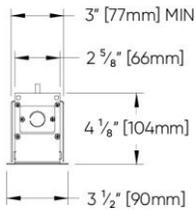
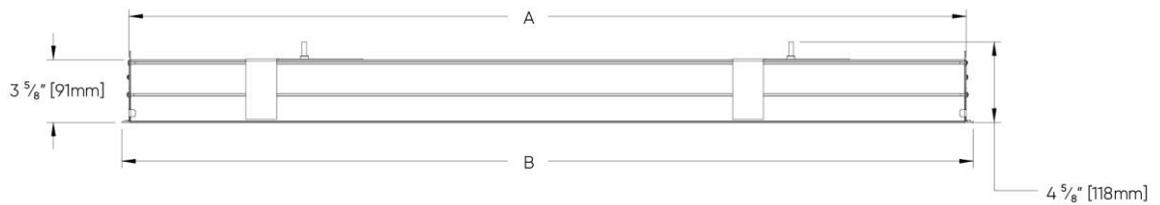
Length of run	A	B
4FT	46 7/8" [1191 mm]	47 1/16" [1212 mm]
6FT	70 7/8" [1800mm]	71 1/16" [1821mm]
8FT	94 7/8" [2409mm]	95 1/16" [2430mm]
10FT	118 7/8" [3018mm]	119 1/16" [3039mm]
12FT	142 7/8" [3627mm]	143 1/16" [3648mm]

**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]