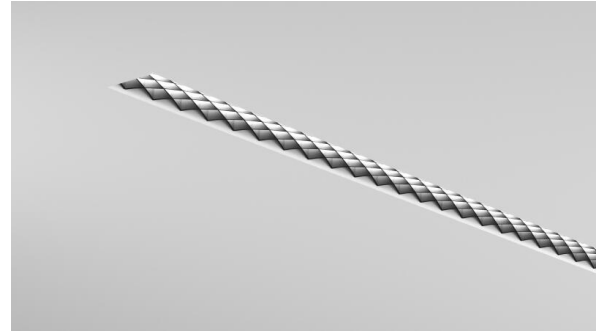




LE LOUVRE™

FULL SPECIFICATION SHEET



Fixture Type

Fixture Code

Quantities

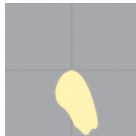
1 DESCRIPTION

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



Recessed



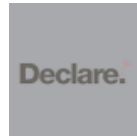
Direct DD1



Direct DD4



Bios



Declare



PoE

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.

DIFFUSER

Opal acrylic. 2.4" width.

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.

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

A. LUMINAIRE

LELR1R Direct

.One power cord for every 50 linear feet.

B. LENGTH OF RUN

SFG_ _

Minimum length to order is 4ft and orders to be in 2ft increments.

- Example: 4ft = SFG04
- Example: 10ft = SFG10
- Example: 50ft = SFG50

For runs over 50ft in length, consult factory.

C. 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.

D. 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.

E. 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.

F. CRI

CR80 CRI 80+	CR90 CRI 90+
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G. CCT

CTA27 2700K	CTA30 3000K	CTA35 3500K	CTA40 4000K
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H. 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.

I. VOLTAGE

V1 120/277V	V2 240V ¹	V3 347V ²	V4 Low Voltage ³
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¹ Not available in North America.

² Only available with DA01 dimming.

³ Only available with DA45.

J. 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.

K. CEILING TYPE & TRIM

RT1 Tegular ceiling ¹	RT2 T-Bar ceiling ²	RT3 Trimless ³	RT4 Trim ³
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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.

L. EMERGENCY

E0 Not required	E1 Emergency system – Integral ¹	E3 Emergency generated circuit ¹
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¹ A drawing will be required at 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.

M. CHICAGO PLENUM

CP0 Not required	CP1 Chicago Plenum
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7 TECHNICAL DATA

LUMINAIRE

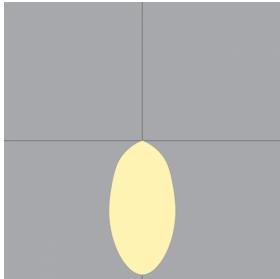
.One power cord for every 50 linear feet.

Code	LELR1R
Light Direction	Direct

8 PERFORMANCE DATA

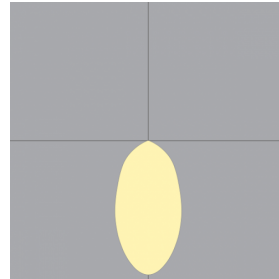
DIRECT FROSTED LOUVER WITH COMFORT LENS (DD4)

	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



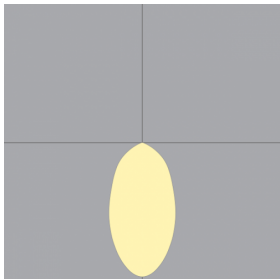
DIRECT BLACK LOUVER WITH COMFORT LENS (DD4)

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



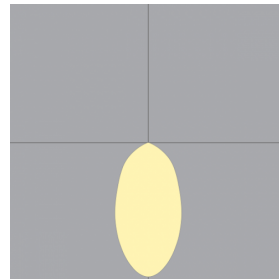
DIRECT SATIN CHROME LOUVER WITH COMFORT LENS (DD4)

	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



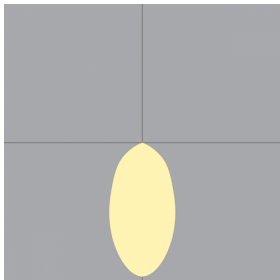
DIRECT SATIN GOLD LOUVER WITH COMFORT LENS (DD4)

	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



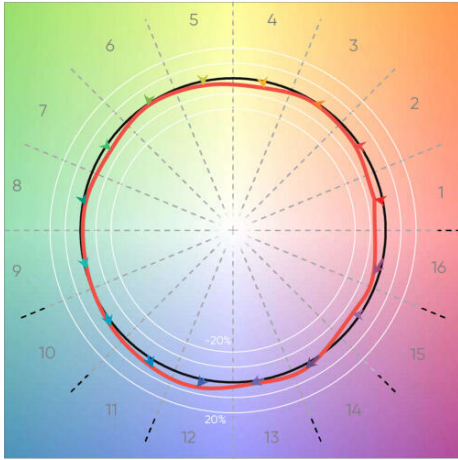
DIRECT SATIN CHAMPAGNE LOUVER WITH COMFORT LENS (DD4)

	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



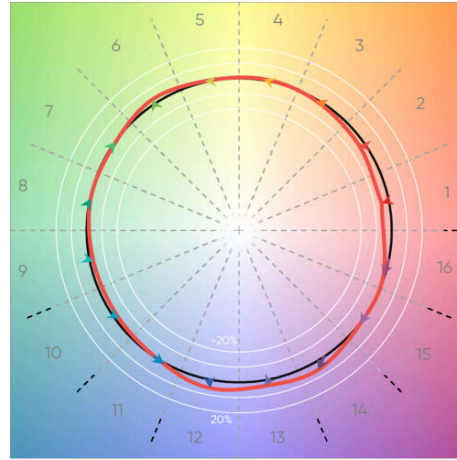
9 TM-30 DATA

CCT 2700K



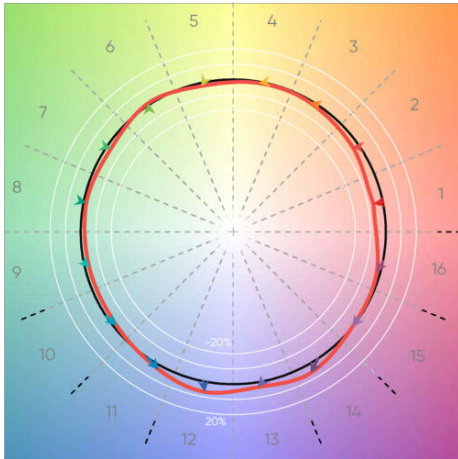
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



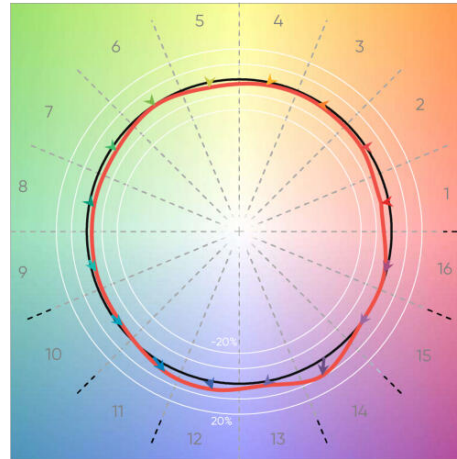
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



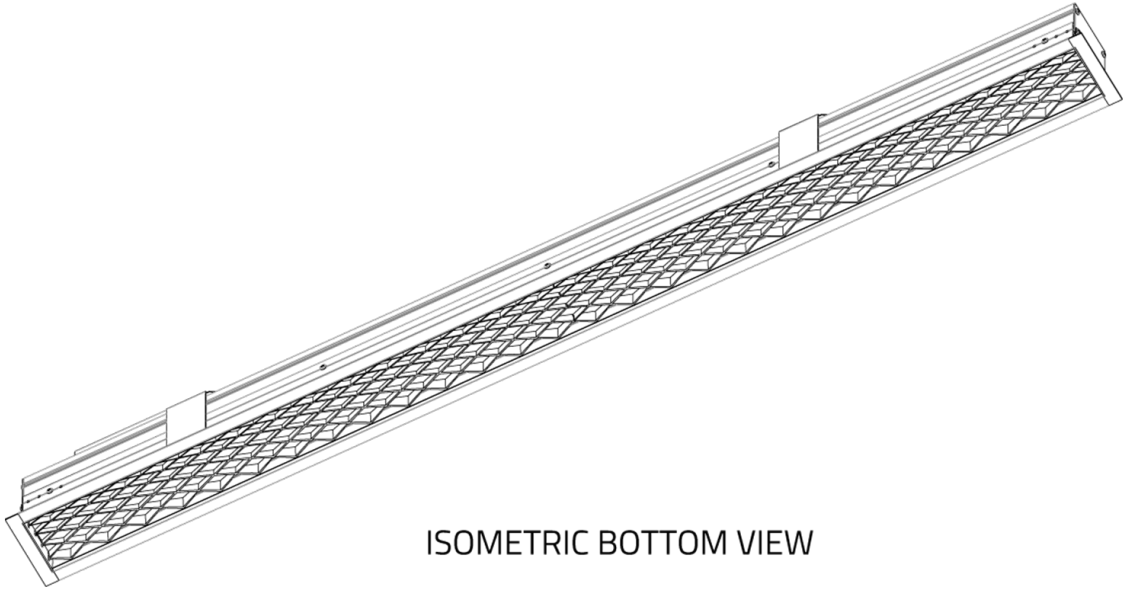
CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

CCT 4000K



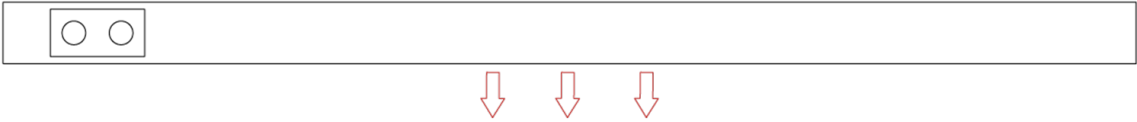
CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

10 DIMENSIONAL DIAGRAMS

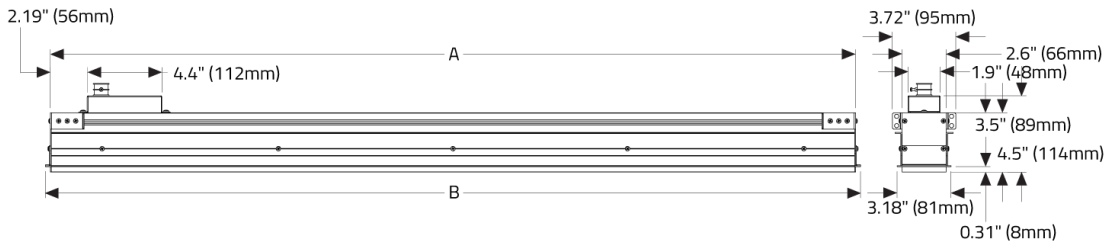


ISOMETRIC BOTTOM VIEW

Top View
(Asymmetric Light Direction)

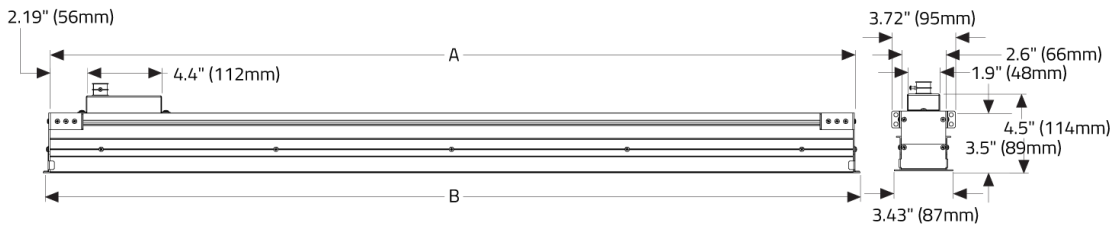


Grid Ceiling - Tegular ceiling



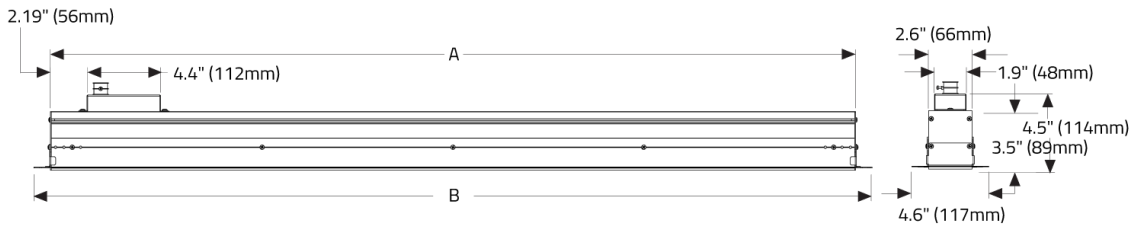
Max Length (Per section)	A	B
4ft	46.82" (1189mm)	47.7" (1212mm)
6ft	70.82" (1791mm)	71.7" (1821mm)
8ft	94.82" (2408mm)	95.7" (2431mm)
10ft	118.82" (3018mm)	119.7" (3040mm)
12ft	142.82" (3627mm)	143.7" (3650mm)

Grid Ceiling - T-bar ceiling



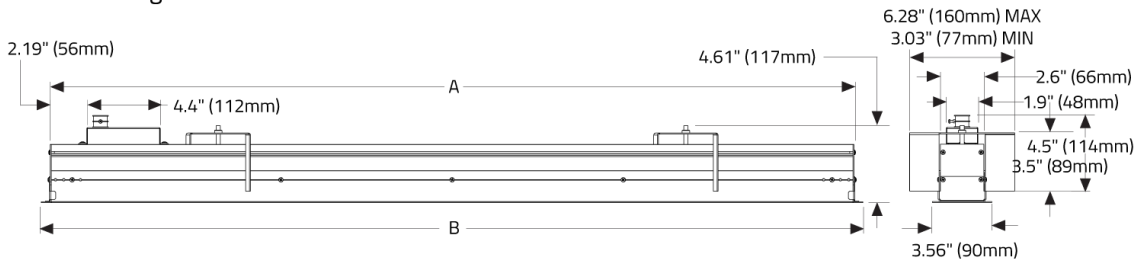
Max Length (Per section)	A	B
4ft	46.82" (1189mm)	47.7" (1212mm)
6ft	70.82" (1791mm)	71.7" (1821mm)
8ft	94.82" (2408mm)	95.7" (2431mm)
10ft	118.82" (3018mm)	119.7" (3040mm)
12ft	142.82" (3627mm)	143.7" (3650mm)

Hard Ceiling - Trimless



Max Length (Per section)	A	B
4ft	48.1" (1222mm)	50.1" (1273mm)
6ft	72.1" (1831mm)	74.1" (1882mm)
8ft	96.1" (2431mm)	98.1" (2492mm)
10ft	120.1" (3050mm)	122.1" (3040mm)
12ft	144.1" (3660mm)	146.1" (3711mm)

Hard Ceiling - Trim



Max Length (Per section)	A	B
4ft	48.1" (1222mm)	59.04" (1246mm)
6ft	72.1" (1831mm)	73.04" (1855mm)
8ft	96.1" (2431mm)	97.04" (2465mm)
10ft	120.1" (3050mm)	121.04" (3074mm)
12ft	144.1" (3660mm)	145.04" (3684mm)