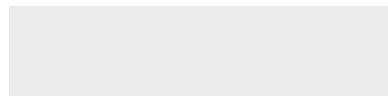
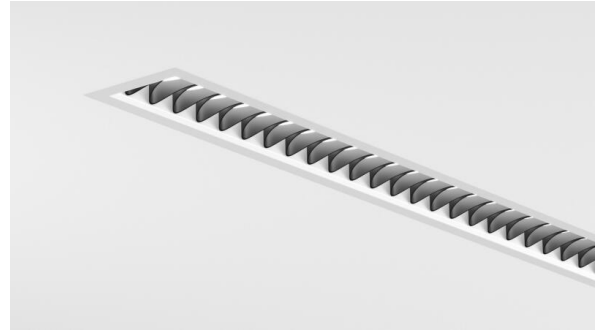


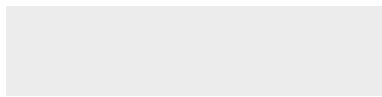


OOOOH™

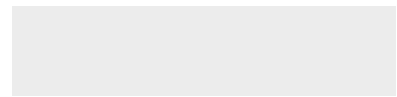
FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE



QUANTITIES

1 DESCRIPTION

OOOOH dazzles up traditional linear lighting concepts with an innovative louver system. An array of ellipses is incurved to conform to a tunnel-shaped profile creating a subtle aesthetic and sublime lighting effect. The louver system not only tempers the starkness of the commonly exposed diffuser and adds an enchanting decorative feature, but also offers visual comfort by minimizing glare. Behind the louver system is either the Comfort diffuser which provides a softer and even distribution of light, or an asymmetric which skews the light for brightening up walls or adding to the ambient light. **OOOOH** presents a simple way to transform a functional light into a luxurious design feature.

2 OPTICS & FEATURES



Recessed



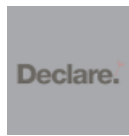
Direct DD1



Direct DD4



Bios



Declare



PoE



Tunable White

3 APPROVALS



DAMP
LOCATION



IP20

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.

FIXTURE LENGTHS

Available in 1" increments. Contact the factory for details.

ESTIMATED L70 @25°C (77°F)

> 149,000 hrs @ 1300 lumens/ft (4300 lumens/m).

TUNABLE WHITE

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

APPROVALS

Damp Rated.

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.

REPORTED L70 @25°C (77°F)

> 60,000 hrs @ 1300 lumens/ft (4300 lumens/m).

DELIVERED LUMENS

Delivered lumens & LPW based on 4000K CRI 80+

RGBW

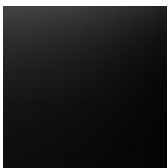
RGBW available, consult factory.

DESIGN

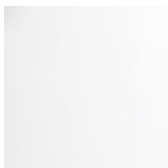
US Pat. No. D969,395.

5 DESIGN OPTIONS

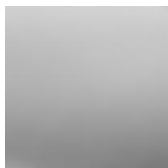
LOUVER



Black



White



Satin
Chrome



Satin Gold



Satin
Champagne

6 HOW TO ORDER

LUMINAIRE HLNR1R Direct One power cord for every 50 linear feet.	LENGTH OF RUN Minimum length to order is 4' and orders to be in 2' increments. Example: 4' = SFG0400, 10' = SFG1000, 50' = SFG5000 For runs over 50' in length, consult factory. SFG_ _ _ _	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.	LOUVER LV2 Black LV3 White LV4 Satin Chrome LV6 Satin Gold LV9 Satin Champagne
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 LPF130 1300 lm/ft Lumens/ft are determined by the color of the Louver. Consult website for available lumens/ft based on selected louver.	CRI CR80 CRI 80+ CR90 CRI 90+	CCT CTA27 2700K CTA30 3000K CTA35 3500K CTA40 4000K CTA60 Tunable White ¹ ¹ Consult factory.	LENS DD1 Asymmetric ¹ DD4 Comfort ¹ 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.
VOLTAGE V1 120/277V V2 240V ¹ V3 347V ² V4 Low Voltage ³ ¹ V2 not available in North America. ² V3 available with DA01 dimming only. ³ V4 available with DA45 dimming only.	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 DA45 PoE ² ¹ Not available with V3. ² Only available with V4.	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.	
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. Not available in 347V.	CHICAGO PLENUM CP0 Not required CP1 Chicago Plenum		

7 TECHNICAL DATA

LUMINAIRE

One power cord for every 50 linear feet.

Code HLRNR1R

Light Direction Direct

8 PERFORMANCE DATA

**DIRECT COMFORT (DD4) -
WHITE LOUVER**

	LUMEN/FT	WATT/FT	LPW
	1300	13	106
	1200	11	108
	1000	9	110
	800	7	114
	700	6	115
	600	5	117
	500	4	119
	400	3	121
	300	3	126
	200	2	128

**DIRECT COMFORT (DD4) -
BLACK LOUVER**

	700	13	57
	600	11	58
	500	9	59
	400	7	61
	300	5	63
	200	3	65

**DIRECT COMFORT (DD4) -
SATIN CHROME LOUVER**

	LUMEN/FT	WATT/FT	LPW
	1000	13	84
	800	9	87
	700	9	89
	600	7	90
	500	5	93
	400	4	95
	300	3	95
	200	2	98

**DIRECT COMFORT (DD4) -
SATIN GOLD LOUVER**

	LUMEN/FT	WATT/FT	LPW
	1000	13	82
	800	9	85
	700	9	87
	600	7	88
	500	5	91
	400	4	93
	300	3	93
	200	2	96

**DIRECT COMFORT (DD4) -
SATIN CHAMPAGNE LOUVER**

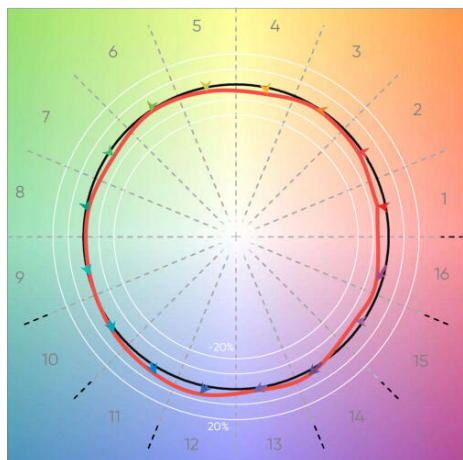
	LUMEN/FT	WATT/FT	LPW
	1000	13	84
	800	9	87
	700	9	89
	600	7	90
	500	5	93
	400	4	95
	300	3	95
	200	2	98

**DIRECT ASYMMETRIC (DD1) -
WHITE LOUVER**

	1200	13	100
	1000	11	101
	800	9	105
	700	7	107
	600	6	108
	500	5	110
	400	4	112
	300	3	113
	200	2	116

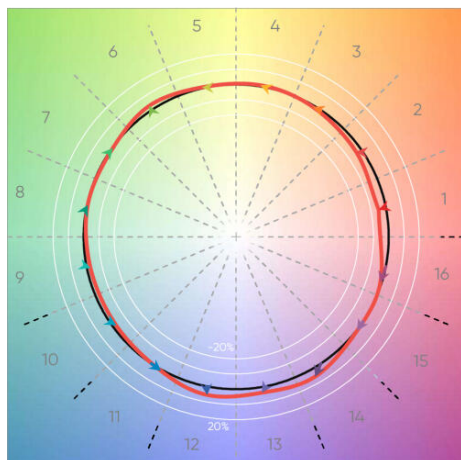
9 TM-30 DATA

CCT 2700K



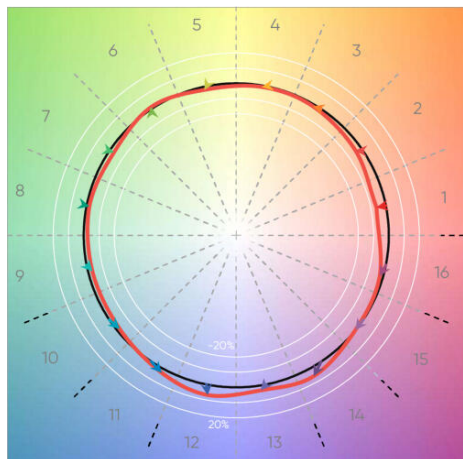
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



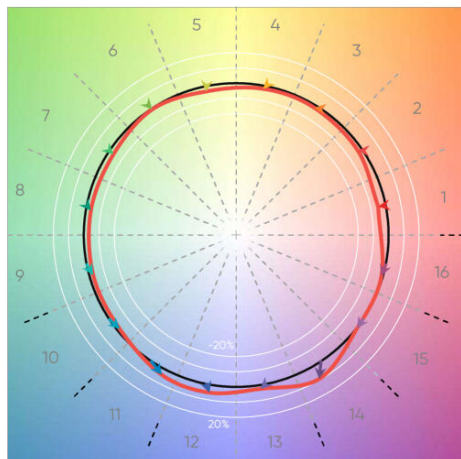
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



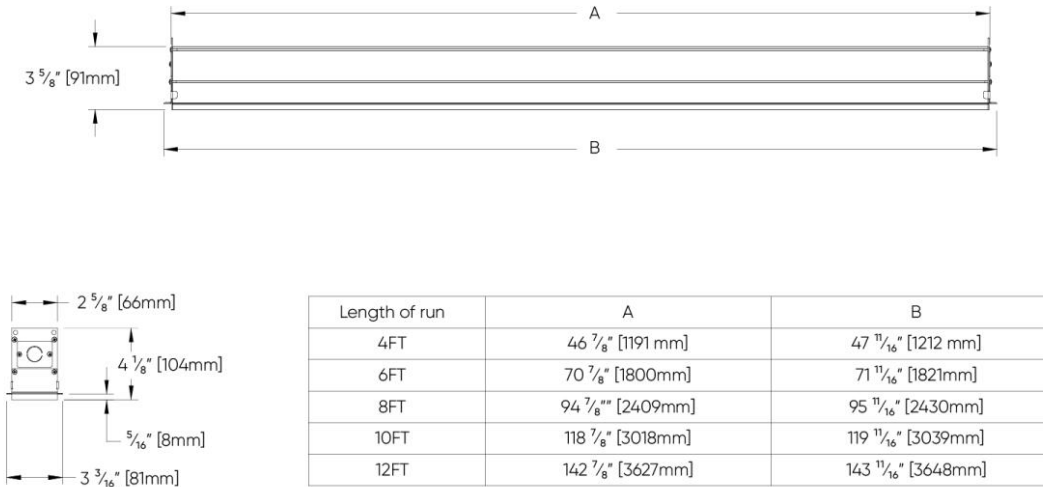
CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

CCT 4000K

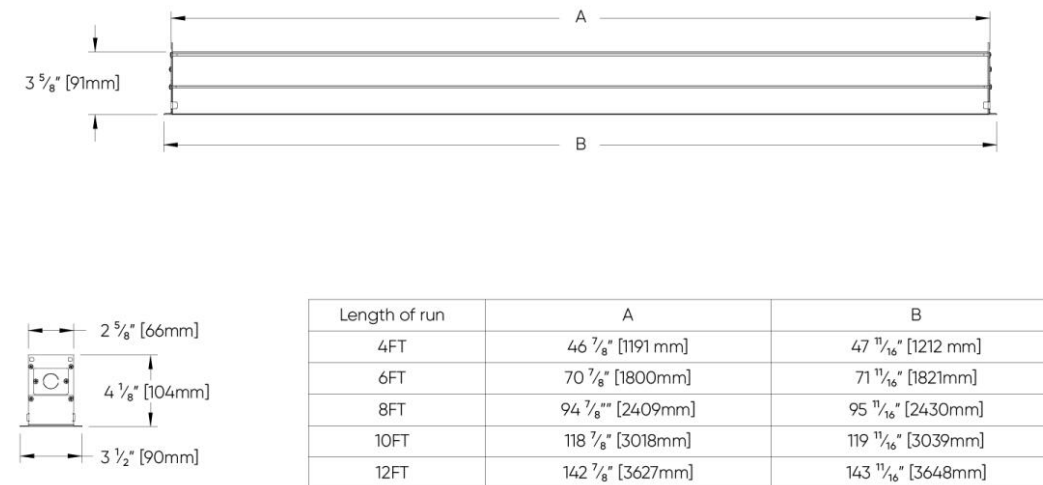


CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

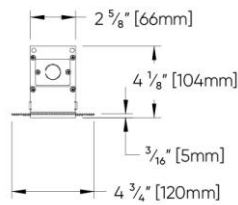
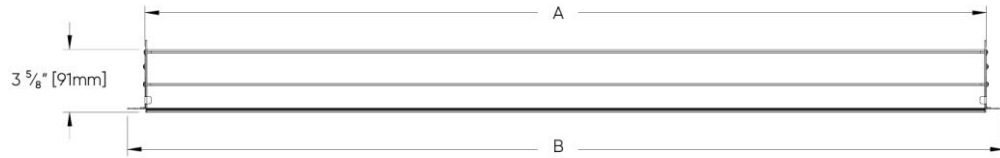
Grid Ceiling - Tegular ceiling (RT1)



Grid Ceiling - T-bar ceiling (RT2)

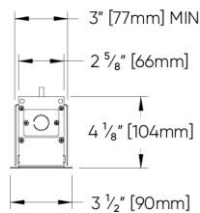
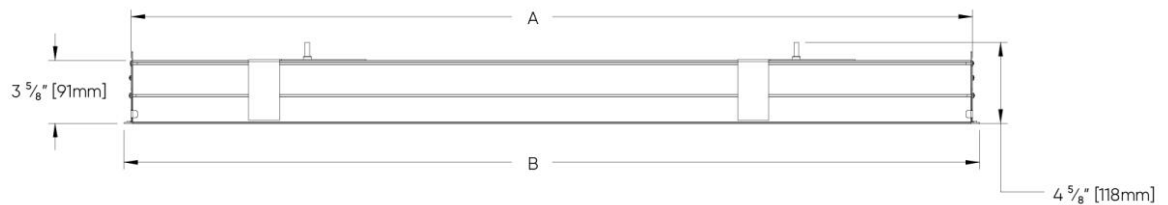


Hard Ceiling - Trimless (RT3)



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]