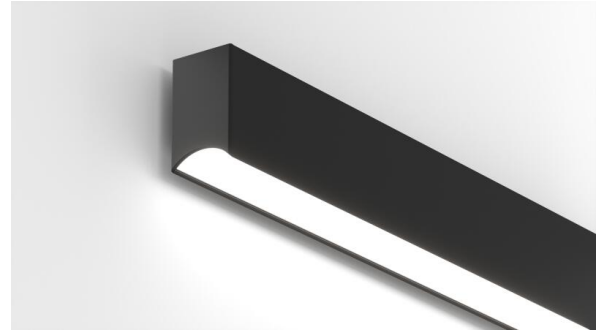


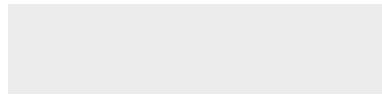


# TUNNEL™

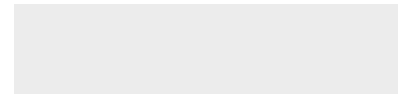
## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

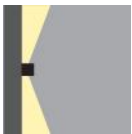


QUANTITIES

### 1 DESCRIPTION

**TUNNEL** revives the classic functional form into a charming new style with an incurved enhancement. With this design flair comes great functionality. **TUNNEL** exceeds typical levels of output and efficacy, and delivers on specification capabilities. Its 13 luxurious finishes and smooth lines create a stylish luminaire that doesn't compromise on performance. These human-centric fixtures are BIOS and Tunable White compatible, ensuring optimal visual comfort for people within the space.

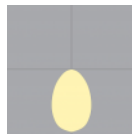
### 2 OPTICS & FEATURES



Wall -  
Direct/Indirect



Direct DD1



Direct DD4



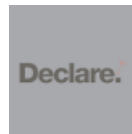
Indirect UD2



Indirect UD3



Bios



Declare



PoE



Tunable White

### 3 APPROVALS



DAMP  
LOCATION



IP20

**4 GENERAL SPECIFICATION**

**BODY**

Aluminum.

**MECHANICAL**

Luminaires mount directly over J box (by others).

**POE**

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

**TUNABLE WHITE**

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

**DRIVERS**

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

**SENSORS**

Compatible with Avi-On, Casambi, Enlighted, Lutron Vive, nLight, NX Lighting Controls, Osram, Philips, and others. Consult factory.

**REPORTED L70 @25°C (77°F)**

> 60,000 hrs @ 2000 lumens/ft (6000 lumens/m)

**DELIVERED LUMENS**

Delivered lumens & LPW based on 4000K CRI 80+

**DESIGNED BY**

Serge Cornelissen.

**FINISH**

Powder coated.

**LENS**

Opal acrylic. 2.4" width

**BIOS**

For circadian lighting, consult factory.

**RGBW**

RGBW available, consult factory.

**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.

**FIXTURE LENGTHS**

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

**ESTIMATED L70 @25°C (77°F)**

> 165,000 hrs @ 2000 lumens/ft (6000 lumens/m)

**APPROVALS**

Damp Rated.

**DESIGN**

US Design Patent Pending.

## 5 DESIGN OPTIONS

### FIXTURE FINISH



<sup>1</sup> Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

## 6 HOW TO ORDER

### 1. LUMINAIRE

**TLCW1W** Direct

**TLCW2W** Direct/Indirect

One power cord every 50 linear ft.

### 2. LENGTH OF RUN

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

Example: 4' = SFA0400, 10' = SFA1000, 50' = SFA5000

For runs over 50' in length, consult factory.

**SFA\_ \_ \_ \_**

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

Example: 4' = SFA0400, 10' = SFA1000, 50' = SFA5000

For runs over 50' in length, consult factory.

### 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](mailto:sales@betacalco.com).

### 4. LM/FT (DIRECT)

<b>LPF020</b> 200 lm/ft	<b>LPF040</b> 400 lm/ft	<b>LPF060</b> 600 lm/ft	<b>LPF080</b> 800 lm/ft
<b>LPF100</b> 1000 lm/ft	<b>LPF120</b> 1200 lm/ft	<b>LPF140</b> 1400 lm/ft	

### 5. LM/FT (INDIRECT)

<b>LPG000</b> Not required	<b>LPG020</b> 200 lm/ft	<b>LPG040</b> 400 lm/ft	<b>LPG060</b> 600 lm/ft
<b>LPG080</b> 800 lm/ft	<b>LPG100</b> 1000 lm/ft	<b>LPG120</b> 1200 lm/ft	<b>LPG140</b> 1400 lm/ft
<b>LPG165</b> 1650 lm/ft			

### 6. CRI

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

<b>CTA27</b> 2700K	<b>CTA30</b> 3000K	<b>CTA35</b> 3500K	<b>CTA40</b> 4000K
<b>CTA60</b> Tunable White <sup>1</sup>			

<sup>1</sup> Consult factory.

### 8. CCT INDIRECT

<b>CTB00</b> Not required	<b>CTB27</b> 2700K	<b>CTB30</b> 3000K	<b>CTB35</b> 3500K
<b>CTB40</b> 4000K	<b>CTB60</b> Tunable White <sup>1</sup>		

<sup>1</sup> Consult factory.

### 9. DIRECT LENS

<b>DD1</b> Asymmetric	<b>DD4</b> Comfort
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### 10. INDIRECT LENS

<b>UD0</b> Not required	<b>UD2</b> Opal	<b>UD3</b> Asymmetric <sup>1</sup>
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<sup>1</sup> Available up to 1200 lm/ft. The asymmetric distribution will be directed away from the wall.

## 11. INDIRECT BLACKOUT PLATE

**UB00** Not required      **UB\_ \_** Blackout plate <sup>1</sup>

<sup>1</sup> Available on a per foot basis. May be required to prevent lighting up of duct work in loft style applications.

## 12. VOLTAGE

**V1** 120/277V      **V2** 240V <sup>1</sup>      **V3** 347V <sup>2</sup>      **V4** Low Voltage <sup>3</sup>

<sup>1</sup> Not available in North America. <sup>2</sup> Only available with DA01 dimming. <sup>3</sup> Only available with DA45 dimming.

## 13. DIMMING

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

<sup>1</sup> Not available with V3. <sup>2</sup> Not available in North America. <sup>3</sup> Only available with V4.

## 14. FIXTURE FINISH

**FA01** White – Textured      **FA02** Black Metallic – Textured      **FA20** Silver Metallic – Textured      **FA25** Gold Metallic – Textured  
**FA27** Wood grain – Light Cherry <sup>1</sup>      **FA28** Wood grain – Dark Walnut <sup>1</sup>      **FA30** Wood grain – White Oak <sup>1</sup>      **FA44** Midnight Blue Metallic – Textured  
**FA45** Copper Metallic      **FA46** Charcoal Metallic – Textured      **FA47** Bronze Metallic – Textured      **FA52** Champagne Metallic  
**FA53** Red Metallic – Textured

<sup>1</sup> Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

## 15. 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. Not available in 347V.

## 16. CIRCUITS

**CS1** Single circuit      **CS2** Dual circuit <sup>1</sup>

17. SENSORS

Compatible with Avi-On, Casambi, Enlighted, Lutron Vive, nLight, NX Lighting Controls, Osram, Philips, and others. Consult factory.

7

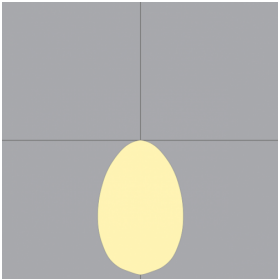
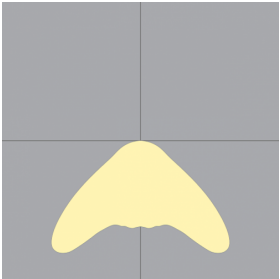
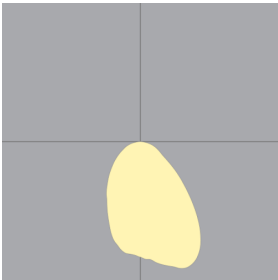
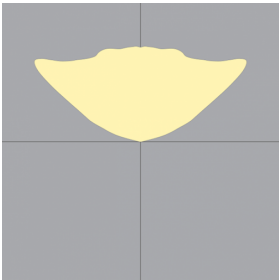
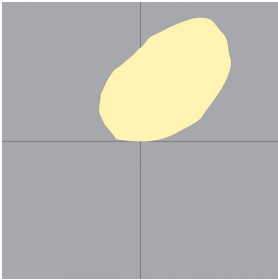
TECHNICAL DATA

LUMINAIRE

One power cord every 50 linear ft.

Code	TLCW1W	TLCW2W
Light Direction		

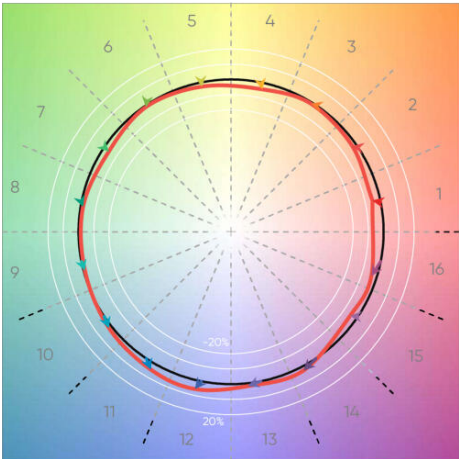
8
PERFORMANCE DATA

DIRECT COMFORT (DD4)	LUMEN/FT	WATT/FT	LPW	DIRECT BATWING (DD2)	LUMEN/FT	WATT/FT	LPW
	1400	13	103		1400	13	108
	1200	11	106		1200	11	112
	1000	9	109		1000	9	115
	800	7	112		800	7	118
	600	5	115		600	5	121
	400	3	119		400	3	124
	200	2	120		200	2	129
DIRECT ASYMMETRIC (DD1)	LUMEN/FT	WATT/FT	LPW	INDIRECT BATWING (UD1)	LUMEN/FT	WATT/FT	LPW
	1400	13	112		1650	13	132
	1200	11	115		1400	10	137
	1000	9	118		1200	9	140
	800	7	121		1000	7	144
	600	5	125		800	6	146
	400	3	128		600	4	150
	200	2	133		400	3	153
					200	1	153
INDIRECT ASYMMETRIC (UD3)	LUMEN/FT	WATT/FT	LPW				
	1200	13	97				
	1000	10	100				
	800	9	102				
	600	6	107				
	400	4	109				
	200	2	112				

9

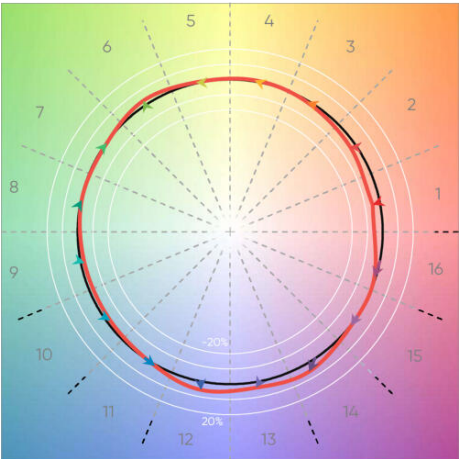
TM-30 DATA

CCT 2700K



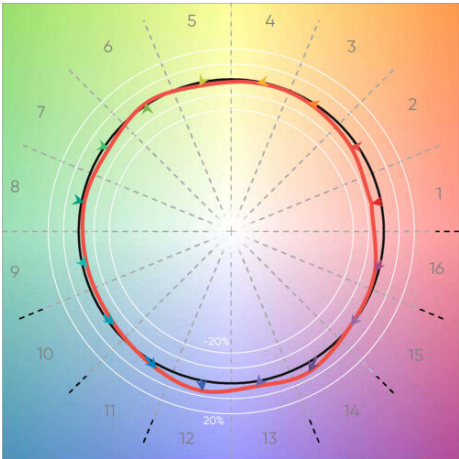
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



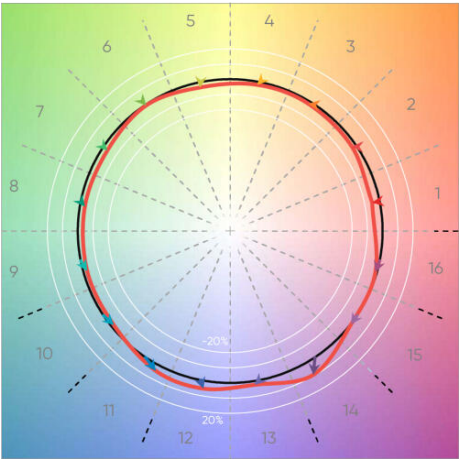
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



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

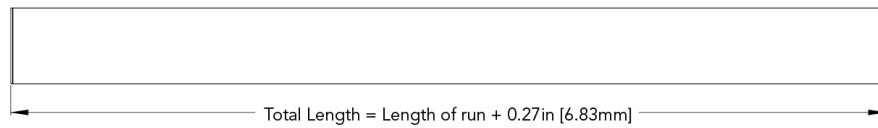
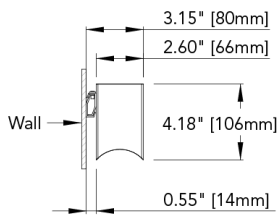
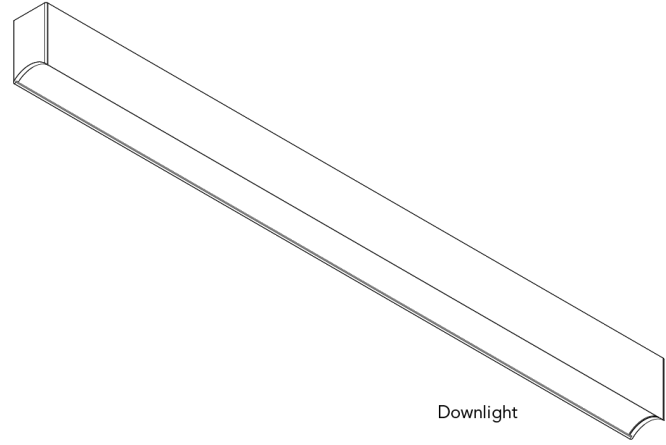
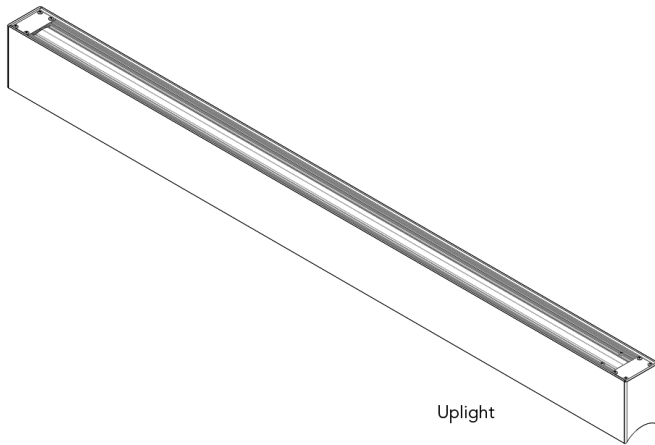
CCT 4000K



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



### Isometric Views



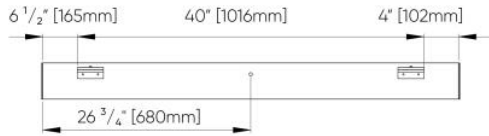
Top View [Uplight]



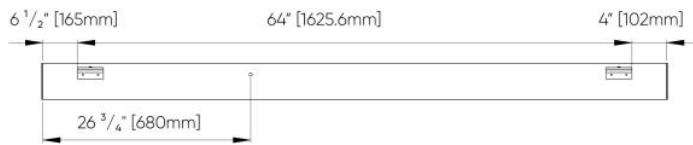
Bottom View [Downlight]

## WALL MOUNT CONFIGURATIONS

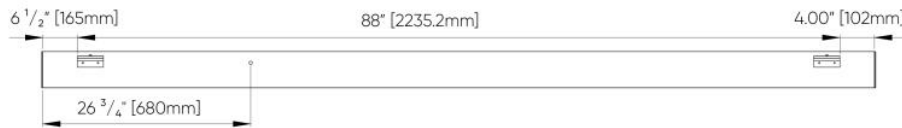
### 4FT



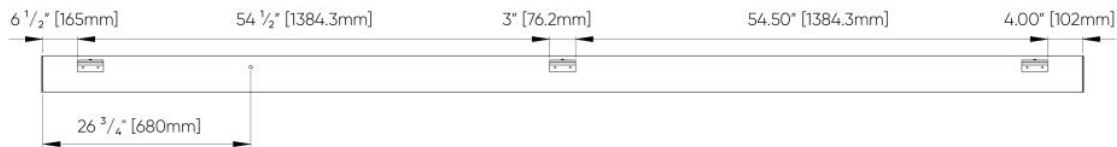
### 6FT



### 8FT



### 10FT



### 12FT

