

# TUNNEL™ - CONTINUOUS

Project Name:

Fixture Type:

Fixture Code:

Quantities:



# TUNNEL™ - CONTINUOUS



# TUNNEL™ - CONTINUOUS

TUNNEL revives the classic functional form into a charming new style with an incurved enhancement. With this design flair comes great functionality. TUNNEL exceeds the typical levels of output and efficacy, and delivers on specification capabilities. Alternatives are provided for nearly every component, allowing designers to configure a luminaire designed precisely to the needs of the space. TUNNEL's luxurious finishes and smooth lines create a stylish luminaire that doesn't compromise on performance.

## GENERAL SPECIFICATION

### Body

Aluminum.

### Suspension

Steel cables.

### Drivers

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

### 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.

### Mechanical

Luminaires mount directly over J box (by others).

### Estimated L70 @25°C (77°F)

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

### Sensors

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

### Approvals

Damp Rated.

### Design

US Design Patent Pending.

### Finish

Powder coated.

### Power cable

Silver braided.

### Diffuser

Opal acrylic. 2.4" width

### BIOS

For circadian lighting, consult factory.

### RGBW

RGBW available, consult factory.

### Reported L70 @25°C (77°F)

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

### 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.

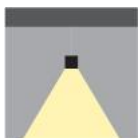
### Delivered lumens

Delivered lumens & LPW based on 4000K CRI 80+

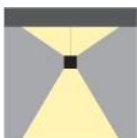
### Designed by

Serge Cornelissen.

## MOUNTING & OPTICS



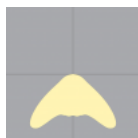
Suspended Direct



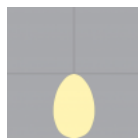
Suspended Direct/Indirect



Direct DD1



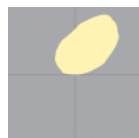
Direct DD2



Direct DD3



Indirect UD1



Indirect UD3



Bios



Declare



PoE



# TUNNEL™ - CONTINUOUS

## HOW TO ORDER

### A. LUMINAIRE

**TLCP1P** Direct

**TLCP2P** Direct/Indirect

All data shown at max values based on diffused light diffuser. Consult Performance Data download page for more detail.  
One power cord for every 50 linear feet.

### B. LENGTH OF RUN

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

Minimum length to order is 4ft and orders to be in 2ft increments. For 6 inch increments, consult factory.

Example: 4ft = SFA0400

Example: 10ft = SFA1000

Example: 50ft = SFA5000

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. LM/FT (DIRECT)

**LPF020** 200 lm/ft

**LPF040** 400 lm/ft

**LPF060** 600 lm/ft

**LPF080** 800 lm/ft

**LPF100** 1000 lm/ft

**LPF120** 1200 lm/ft

**LPF140** 1400 lm/ft

### E. LM/FT (INDIRECT)

**LPG000** Not required

**LPG020** 200 lm/ft

**LPG040** 400 lm/ft

**LPG060** 600 lm/ft

**LPG080** 800 lm/ft

**LPG100** 1000 lm/ft

**LPG120** 1200 lm/ft

**LPG140** 1400 lm/ft

**LPG165** 1650 lm/ft

### F. CRI

**CR80** CRI 80+

**CR90** CRI 90+

### G. CCT DIRECT

**CTA27** 2700K

**CTA30** 3000K

**CTA35** 3500K

**CTA40** 4000K

### H. CCT INDIRECT

**CTB00** Not required

**CTB27** 2700K

**CTB30** 3000K

**CTB35** 3500K

**CTB40** 4000K

### I. DIRECT DIFFUSER

**DD1** Asymmetric diffuser<sup>1</sup>

**DD2** Batwing diffuser

**DD3** Diffused light diffuser<sup>1 2</sup>

**DD4** Comfort diffuser<sup>3</sup>

<sup>1</sup> 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.

<sup>2</sup> High output diffuser, all data shown based on this diffuser.

<sup>3</sup> 10% reduction from DD3. The comfort lens provides better control and softer distribution.

# TUNNEL™ - CONTINUOUS

## J. UPLIGHT DIFFUSER

**UD0** Not required      **UD1** Clear diffuser (Batwing distribution)      **UD3** Asymmetric diffuser <sup>1</sup>

<sup>1</sup> Available up to 1200 lm/ft.

## K. UPLIGHT 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.

## L. 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.

## M. 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.

## N. CEILING TYPE

**G1** Grid ceiling <sup>1</sup>      **H1** Hard ceiling <sup>2</sup>

The cost for the canopies, power cables, connections mechanisms and endcaps for the fixture has been added to these items.

<sup>1</sup> Combo kit provided includes installation to T-bar and through tile mount.

<sup>2</sup> Designed for drywall ceilings.

## O. SUSPENSION

**HLA03** 3ft cable suspension      **HLA06** 6ft cable suspension      **HLA09** 9ft cable suspension

## P. 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>      **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> Longer than normal lead times may apply, consult factory.

## Q. CANOPY FINISH

**CF01** White      **CF02** Black Metallic - Textured      **CF20** Silver Metallic - Textured      **CF25** Gold Metallic - Textured  
**CF44** Midnight Blue Metallic - Textured      **CF45** Copper Metallic      **CF46** Charcoal Metallic - Textured      **CF47** Bronze Metallic - Textured  
**CF52** Champagne Metallic      **CF53** Red Metallic - Textured

## R. 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.



# TUNNEL™ - CONTINUOUS

## S. CIRCUITS

**CS1** Single circuit

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

## T. SENSORS



# TUNNEL™ - CONTINUOUS

## TECHNICAL DATA

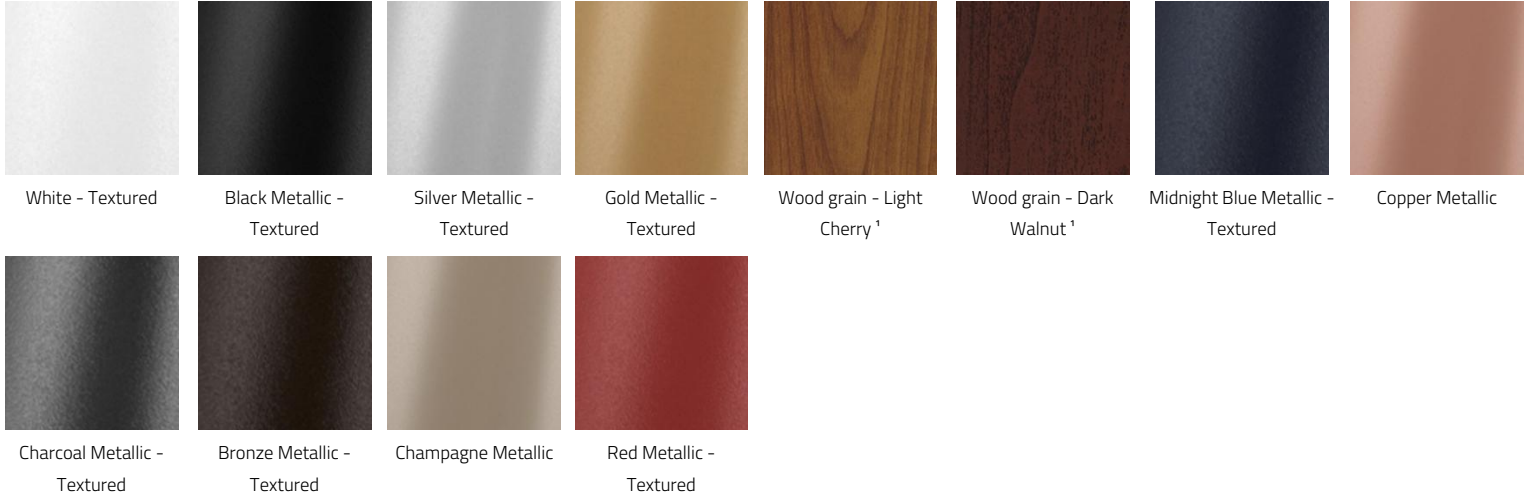
### LUMINAIRE

All data shown at max values based on diffused light diffuser. Consult Performance Data download page for more detail.

One power cord for every 50 linear feet.

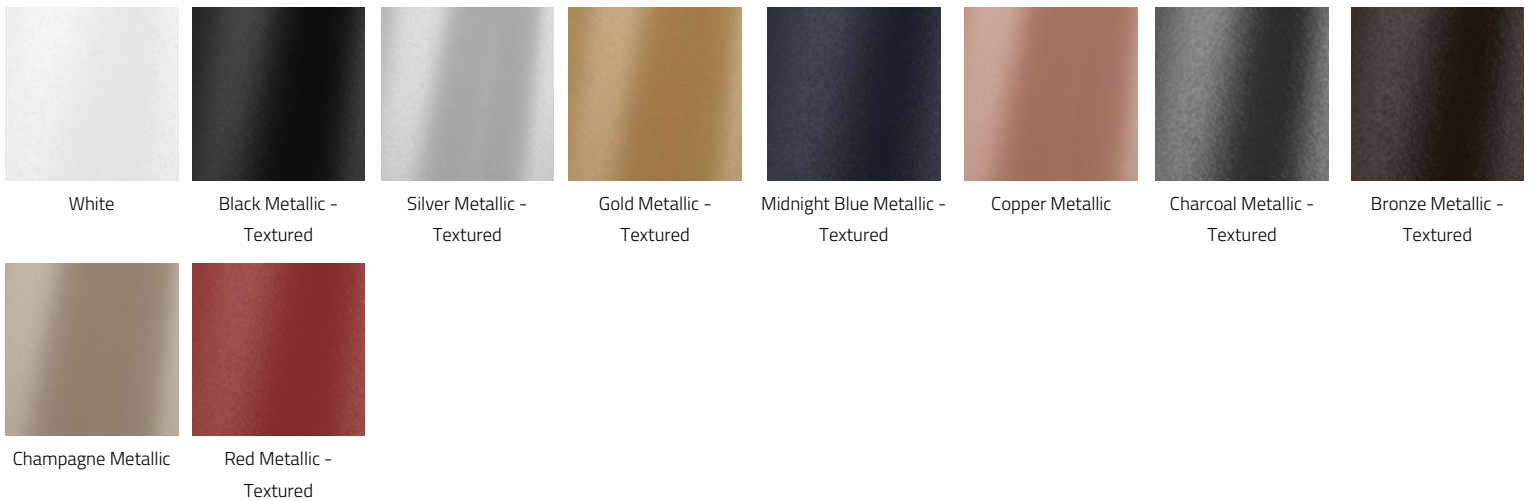
Code	TLCP1P	TLCP2P
Light Direction	Direct	Direct/Indirect

## FIXTURE FINISH



<sup>1</sup> Longer than normal lead times may apply, consult factory.

## CANOPY FINISH



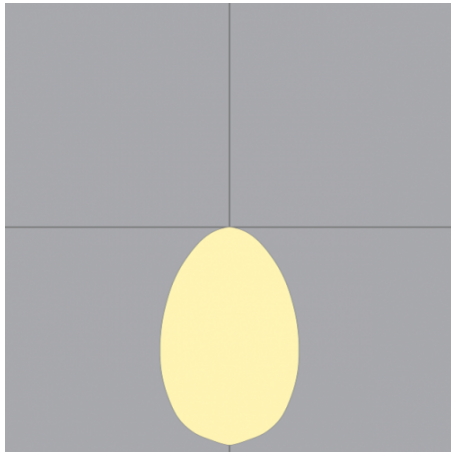
## APPROVALS



# TUNNEL™ - CONTINUOUS

## PERFORMANCE DATA

### DIRECT DIFFUSED (DD3)



#### LUMEN/FT

1400  
1200  
1000  
800  
600  
400  
200

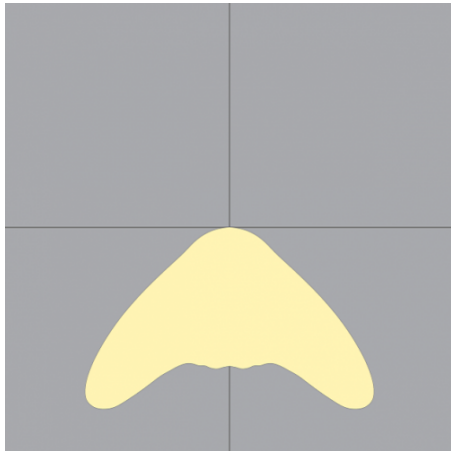
#### WATT/FT

13  
11  
9  
7  
5  
3  
2

#### LPW

115  
118  
121  
124  
128  
132  
134

### DIRECT BATWING (DD2)



#### LUMEN/FT

1400  
1200  
1000  
800  
600  
400  
200

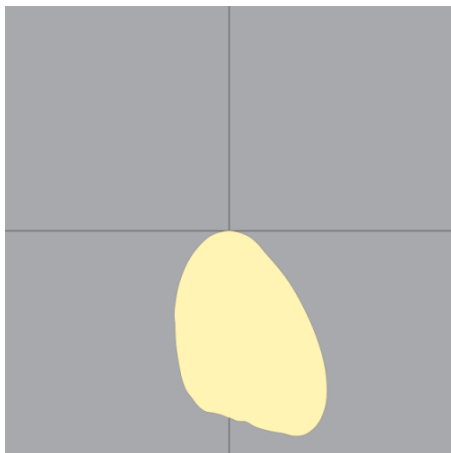
#### WATT/FT

13  
11  
9  
7  
5  
3  
2

#### LPW

108  
112  
115  
118  
121  
124  
129

### DIRECT ASYMMETRIC (DD1)



#### LUMEN/FT

1400  
1200  
1000  
800  
600  
400  
200

#### WATT/FT

13  
11  
9  
7  
5  
3  
2

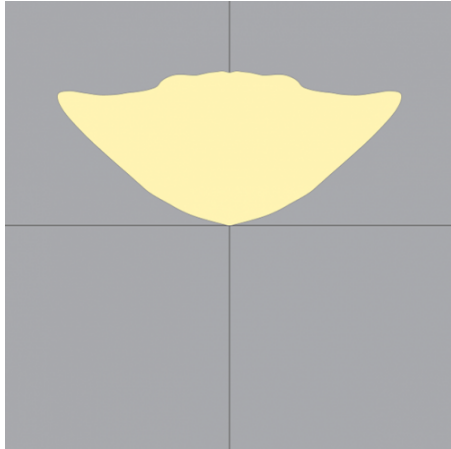
#### LPW

112  
115  
118  
121  
125  
128  
133



# TUNNEL™ - CONTINUOUS

## INDIRECT BATWING (UD1)



### LUMEN/FT

1650  
1400  
1200  
1000  
800  
600  
400  
200

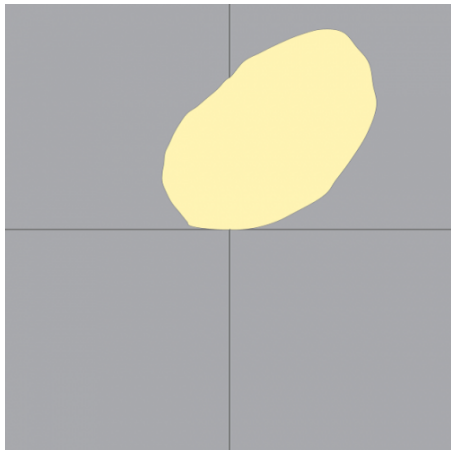
### WATT/FT

13  
10  
9  
7  
6  
4  
3  
1

### LPW

132  
137  
140  
144  
146  
150  
153  
153

## INDIRECT ASYMMETRIC (UD3)



### LUMEN/FT

1200  
1000  
800  
600  
400  
200

### WATT/FT

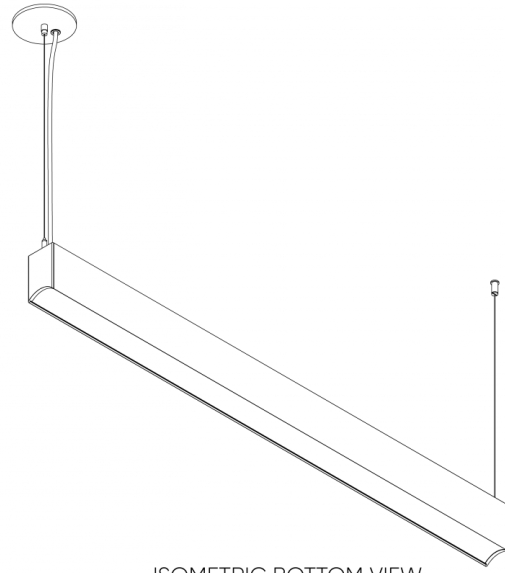
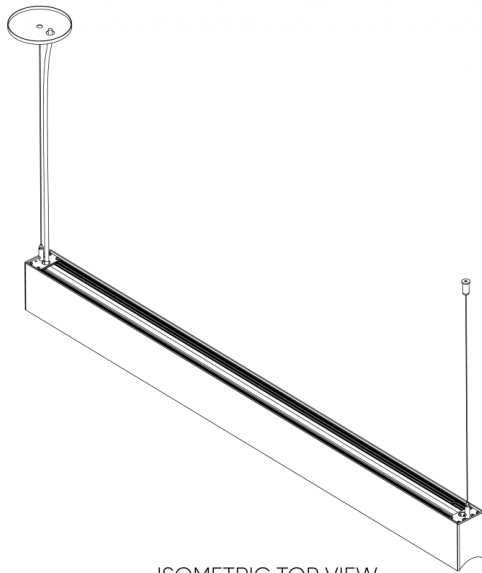
13  
10  
9  
6  
4  
2

### LPW

97  
100  
102  
107  
109  
112

# TUNNEL™ - CONTINUOUS

## DIMENSIONAL DIAGRAMS



Top View  
(Asymmetric Light Direction)

