

# TUNNEL™ - SUSPENDED CONTINUOUS

Project Name:	Fixture Type:
Fixture Code:	Quantities:



## TUNNEL™ - SUSPENDED CONTINUOUS



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**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.

## 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).

### 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.

### Seismic Bracing

Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

### Finish

Powder coated.

### Power cable

Silver braided.

### Lens

Opal acrylic. 2.4" width

### BIOS

For circadian lighting, consult factory.

### RGBW

RGBW available, consult factory.

### Fixture Lengths

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

### 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.

# TUNNEL™ - SUSPENDED CONTINUOUS

## OPTICS & FEATURES



Suspended Direct



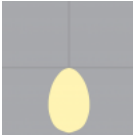
Suspended  
Direct/Indirect



Direct DD1



Direct DD2



Direct DD4



Indirect UD1



Indirect UD3



Bios



Declare



PoE



Tunable White



# TUNNEL™ - SUSPENDED CONTINUOUS

## HOW TO ORDER

### A. LUMINAIRE

<b>TLCP1P</b> Direct	<b>TLCP2P</b> Direct/Indirect
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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 4' and orders to be in 2' increments.

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

For runs over 50' in length, consult factory.

### C. 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).

### D. 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	

### E. 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			

### F. CRI

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

### H. 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.

### I. DIRECT LENS

<b>DD1</b> Asymmetric <sup>1</sup>	<b>DD2</b> Batwing	<b>DD4</b> Comfort
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<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.

# TUNNEL™ - SUSPENDED CONTINUOUS

## J. INDIRECT LENS

<b>UD0</b> Not required	<b>UD1</b> Clear (Batwing distribution)	<b>UD3</b> Asymmetric <sup>1</sup>
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<sup>1</sup> Available up to 1200 lm/ft.

## K. INDIRECT BLACKOUT PLATE

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

<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.

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

## N. CEILING TYPE

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

<b>HLA03</b> 3ft cable suspension	<b>HLA06</b> 6ft cable suspension	<b>HLA09</b> 9ft cable suspension
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## P. FIXTURE FINISH

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

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

## Q. CANOPY FINISH

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

## R. EMERGENCY

<b>E0</b> Not required	<b>E1</b> Emergency system - Integral <sup>1</sup>	<b>E3</b> Emergency generated circuit <sup>1</sup>
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<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™ - SUSPENDED CONTINUOUS

## S. CIRCUITS

**CS1** Single circuit

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

## T. SENSORS

# TUNNEL™ - SUSPENDED CONTINUOUS


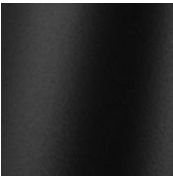





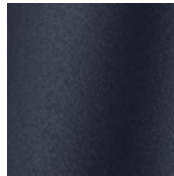

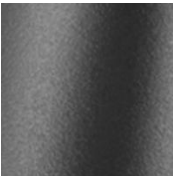



## TECHNICAL DATA

### 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.





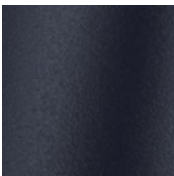
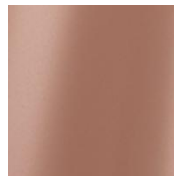
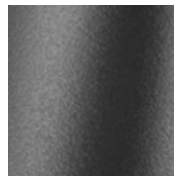
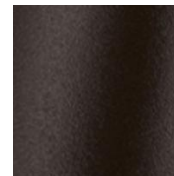


Code	TLCP1P	TLCP2P
Light Direction	Direct	Direct/Indirect

### FIXTURE FINISH

							
White - Textured	Black Metallic - Textured	Silver Metallic - Textured	Gold Metallic - Textured	Wood grain - Light Cherry ¹	Wood grain - Dark Walnut ¹	Wood grain - White Oak ¹	Midnight Blue Metallic - Textured
							
Copper Metallic	Charcoal Metallic - Textured	Bronze Metallic - Textured	Champagne Metallic	Red Metallic - Textured			

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

### CANOPY FINISH

							
White	Black Metallic - Textured	Silver Metallic - Textured	Gold Metallic - Textured	Midnight Blue Metallic - Textured	Copper Metallic	Charcoal Metallic - Textured	Bronze Metallic - Textured
							
Champagne Metallic	Red Metallic - Textured						

### APPROVALS

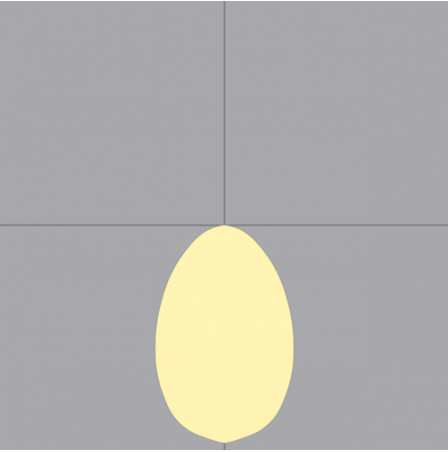




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## PERFORMANCE DATA

### DIRECT COMFORT (DD4)

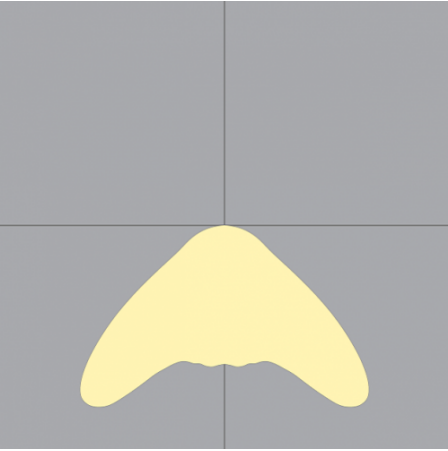


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
103
106
109
112
115
119
120

### DIRECT BATWING (DD2)

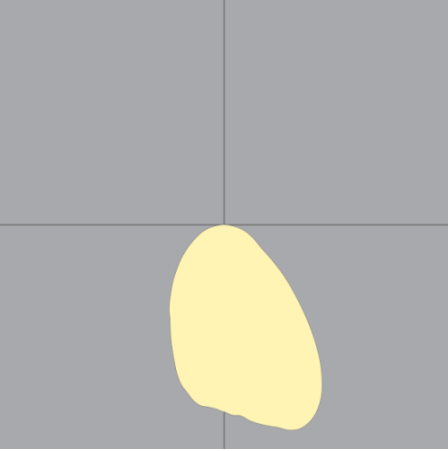


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
108
112
115
118
121
124
129

### DIRECT ASYMMETRIC (DD1)



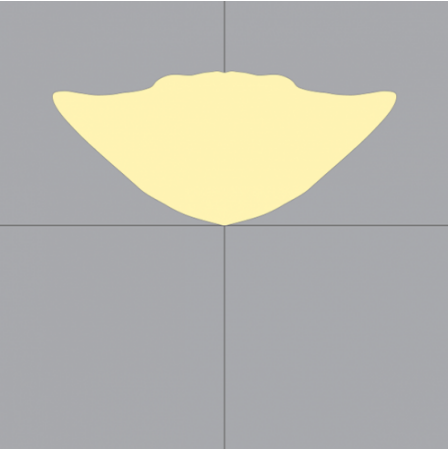
LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
112
115
118
121
125
128
133

# TUNNEL™ - SUSPENDED CONTINUOUS

INDIRECT BATWING (UD1)



LUMEN/FT

1650
1400
1200
1000
800
600
400
200

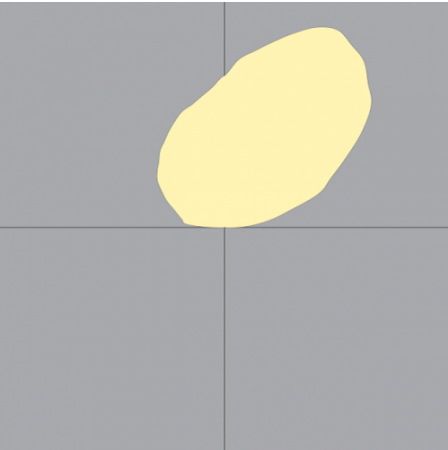
WATT/FT

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

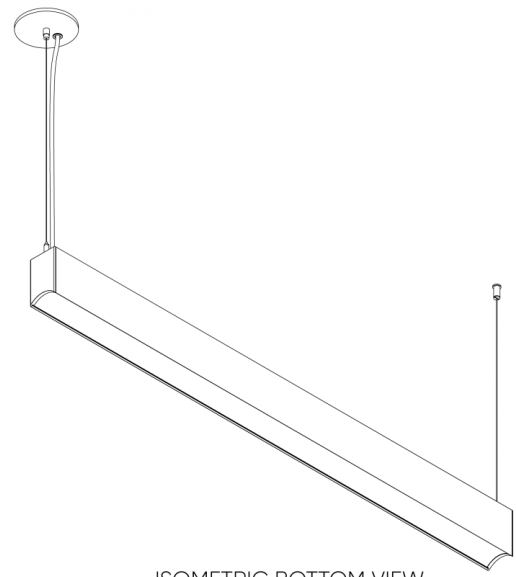
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100
102
107
109
112

# TUNNEL™ - SUSPENDED CONTINUOUS

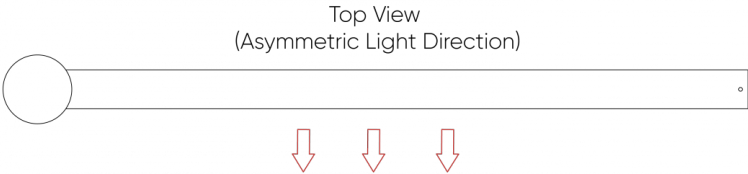
## DIMENSIONAL DIAGRAMS



ISOMETRIC TOP VIEW



ISOMETRIC BOTTOM VIEW



Top View  
(Asymmetric Light Direction)

