

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 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).

### 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.

### Diffuser

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.


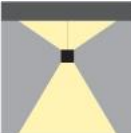


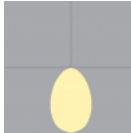



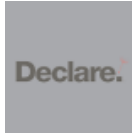

### Design

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

# TUNNEL™ - SUSPENDED CONTINUOUS

## HOW TO ORDER

### A. LUMINAIRE

TLCP1P Direct	TLCP2P 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 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+
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### G. CCT DIRECT

CTA27 2700K	CTA30 3000K	CTA35 3500K	CTA40 4000K
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### 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	DD4 Comfort diffuser
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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. UPLIGHT DIFFUSER

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

## K. UPLIGHT 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>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> Longer than normal lead times may apply, consult factory.

## 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

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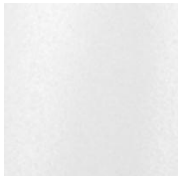
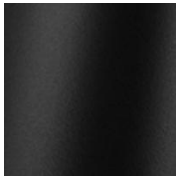


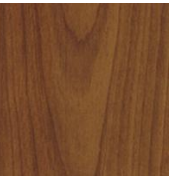
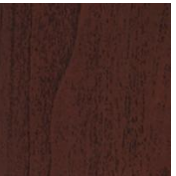


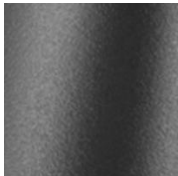



## TECHNICAL DATA

### 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.

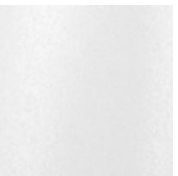


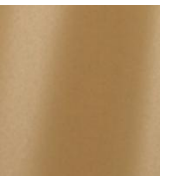
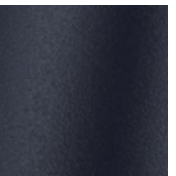
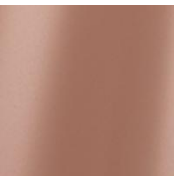
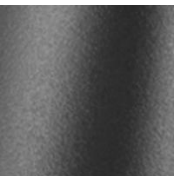

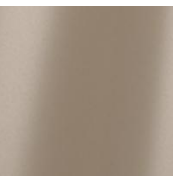
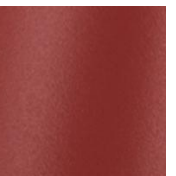
Code	TLCP1P	TLCP2P
Light Direction	Direct	Direct/Indirect

### FIXTURE FINISH

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

¹ Longer than normal lead times may apply, consult factory.

### 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

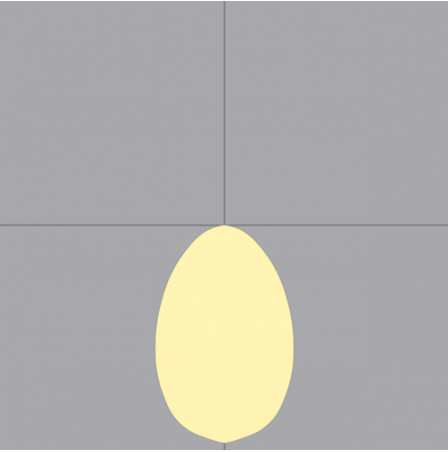




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## PERFORMANCE DATA

### DIRECT COMFORT (DD4)

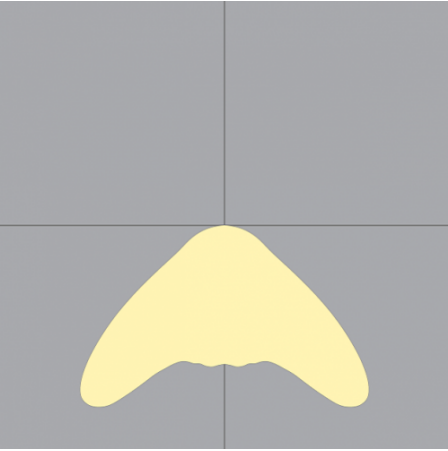


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
103
106
109
112
115
119
120

### DIRECT BATWING (DD2)

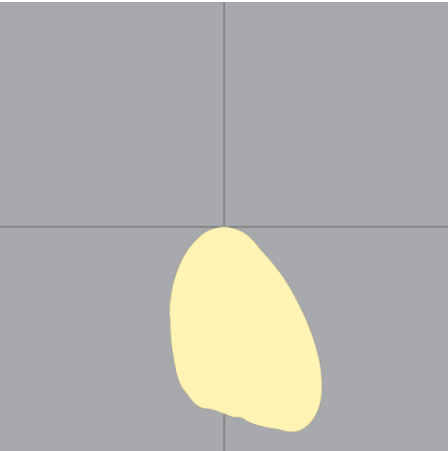


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
108
112
115
118
121
124
129

### DIRECT ASYMMETRIC (DD1)



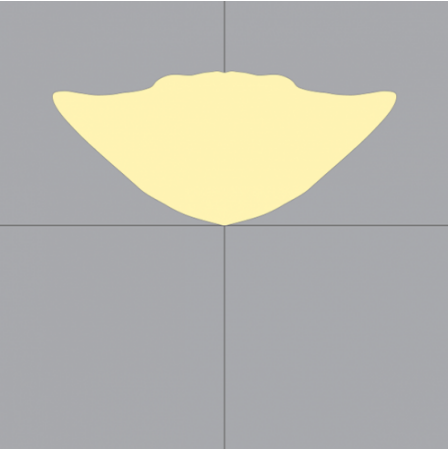
LUMEN/FT
1400
1200
1000
800
600
400
200

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

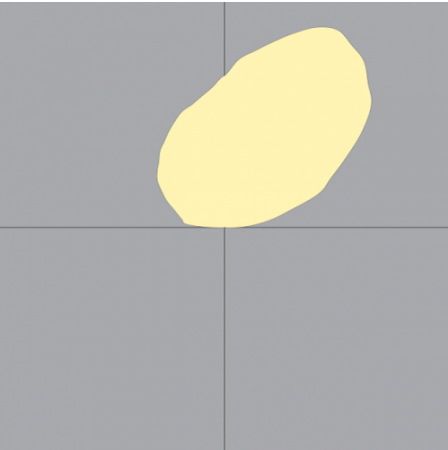
WATT/FT

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

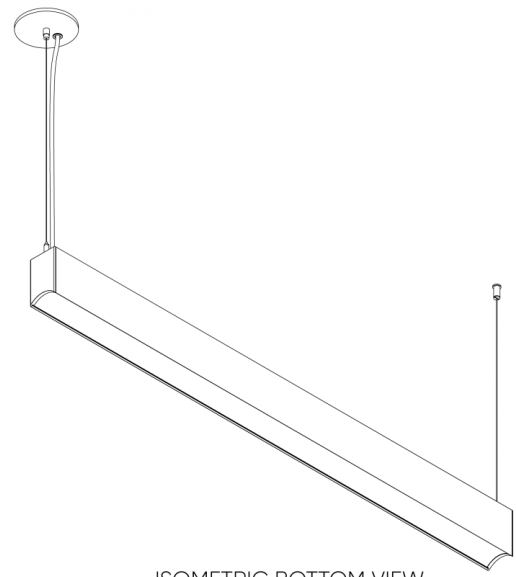
97
100
102
107
109
112

# TUNNEL™ - SUSPENDED CONTINUOUS

## DIMENSIONAL DIAGRAMS



ISOMETRIC TOP VIEW



ISOMETRIC BOTTOM VIEW

