

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



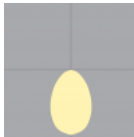
Suspended
Direct/Indirect



Direct DD1



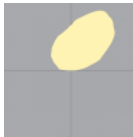
Direct DD2



Direct DD4



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 ¹	DD2 Batwing diffuser	DD4 Comfort diffuser
--------------------------------------	----------------------	----------------------

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.

TUNNEL™ - CONTINUOUS

J. UPLIGHT DIFFUSER

UD0 Not required	UD1 Clear diffuser (Batwing distribution)	UD3 Asymmetric diffuser ¹
-------------------------	--	---

¹ Available up to 1200 lm/ft.

K. UPLIGHT BLACKOUT PLATE

UB00 Not required	UB _ _ Blackout plate ¹
--------------------------	---

¹ 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 ¹	V3 347V ²	V4 Low Voltage ³
--------------------	-----------------------------	-----------------------------	------------------------------------

¹ Not available in North America.
² Only available with DA01 dimming.

M. 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
DA30 DSI/switchDim ²	DA45 PoE ³		

¹ Not available with V3.
² Not available in North America.
³ Only available with V4.

N. CEILING TYPE

G1 Grid ceiling ¹	H1 Hard ceiling ²
-------------------------------------	-------------------------------------

The cost for the canopies, power cables, connections mechanisms and endcaps for the fixture has been added to these items.
¹ Combo kit provided includes installation to T-bar and through tile mount.
² 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 ¹	FA28 Wood grain - Dark Walnut ¹	FA44 Midnight Blue Metallic - Textured	FA45 Copper Metallic
FA46 Charcoal Metallic - Textured	FA47 Bronze Metallic - Textured	FA52 Champagne Metallic	FA53 Red Metallic - Textured

¹ 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 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.

TUNNEL™ - CONTINUOUS

S. CIRCUITS

CS1 Single circuit **CS2** Dual circuit ¹

T. SENSORS

TUNNEL™ - CONTINUOUS


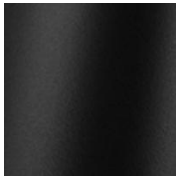


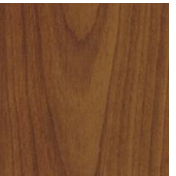
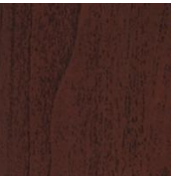


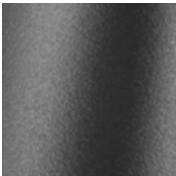



TECHNICAL DATA

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.

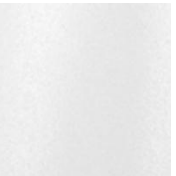
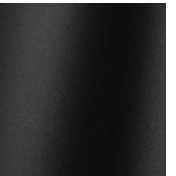


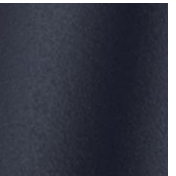
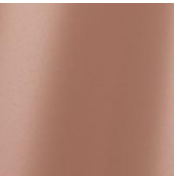
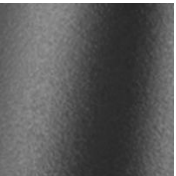


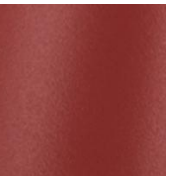
Code	TLCP1P	TLCP2P
Light Direction	Direct	Direct/Indirect

FIXTURE FINISH

							
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						

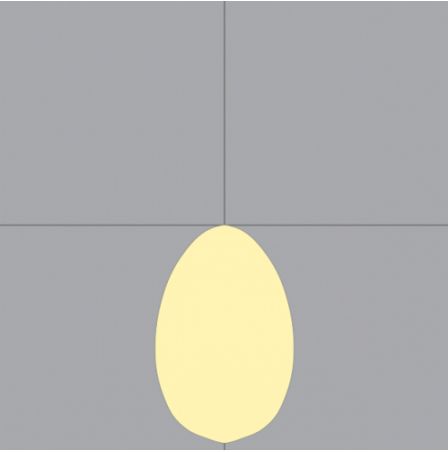
APPROVALS



TUNNEL™ - CONTINUOUS

PERFORMANCE DATA

DIRECT COMFORT (DD4)

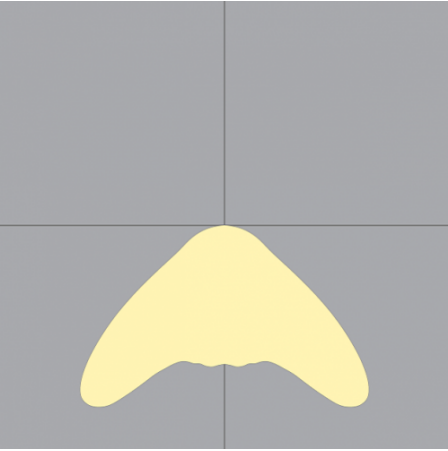


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
103
106
109
112
115
119
120

DIRECT BATWING (DD2)

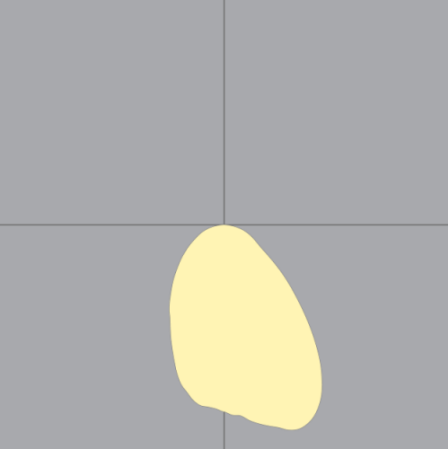


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
108
112
115
118
121
124
129

DIRECT ASYMMETRIC (DD1)



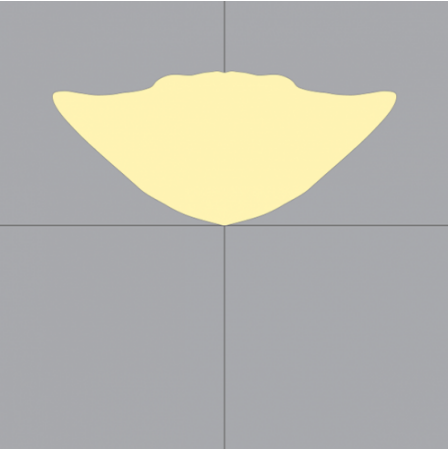
LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

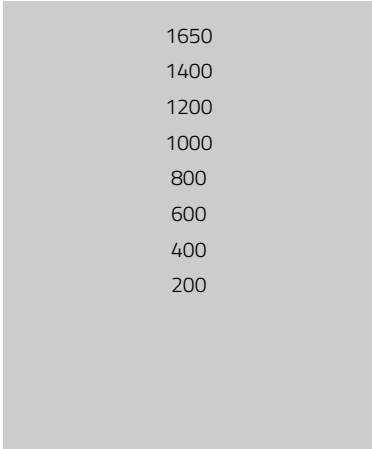
LPW
112
115
118
121
125
128
133

TUNNEL™ - CONTINUOUS

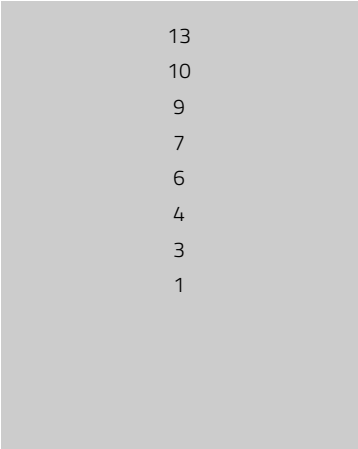
INDIRECT BATWING (UD1)



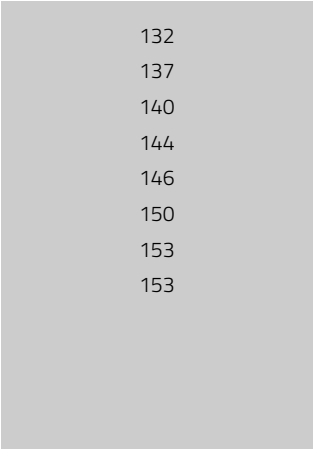
LUMEN/FT



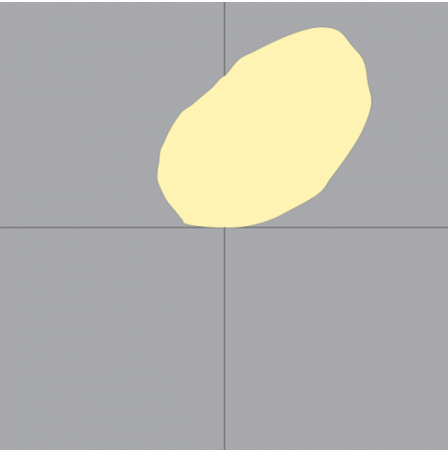
WATT/FT



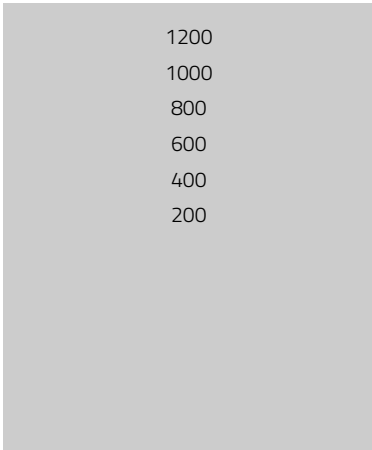
LPW



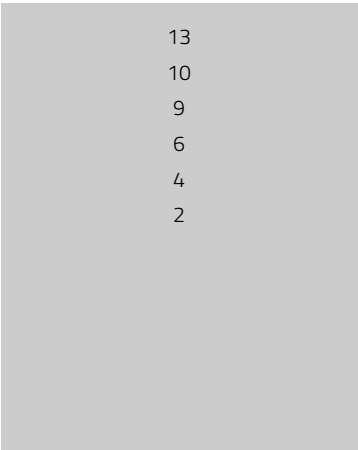
INDIRECT ASYMMETRIC (UD3)



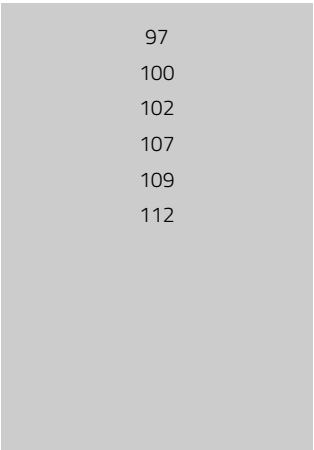
LUMEN/FT



WATT/FT

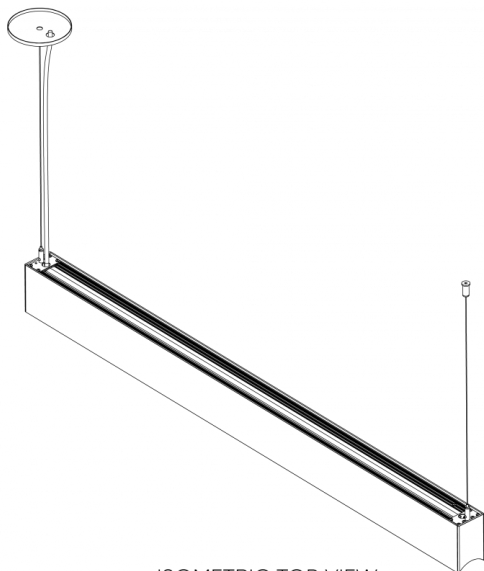


LPW

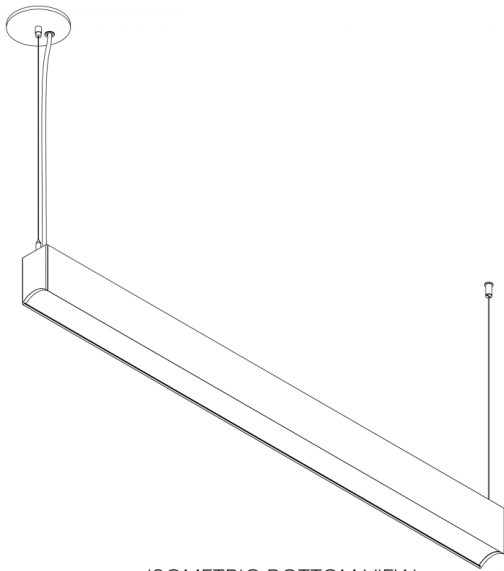


TUNNEL™ - CONTINUOUS

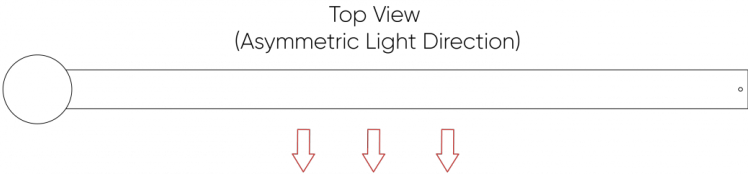
DIMENSIONAL DIAGRAMS



ISOMETRIC TOP VIEW



ISOMETRIC BOTTOM VIEW



Top View
(Asymmetric Light Direction)

