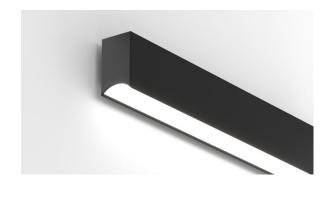


# TUNNEL™ **FULL SPECIFICATION SHEET**



Fixture Type	Fixture Code	Quantities

## **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.

# **OPTICS & FEATURES**



Direct DD1











Declare





Direct/Indirect

### **APPROVALS**













# 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>&</sup>lt;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 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.

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.

#### 3. 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.

#### 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)

LPG000 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

**LPG165** 1650 lm/ft

6. CRI

**CR80** CRI 80+ **CR90** CRI 90+

7. CCT DIRECT

**CTA27** 2700K **CTA30** 3000K **CTA35** 3500K **CTA40** 4000K

CTA60 Tunable White 1

<sup>&</sup>lt;sup>1</sup> Consult factory.



#### 8. CCT INDIRECT

**CTB00** Not required **CTB27** 2700K **CTB30** 3000K **CTB35** 3500K

CTB40 4000K CTB60 Tunable White <sup>1</sup>

#### 9. DIRECT LENS

DD1 Asymmetric DD4 Comfort

#### 10. INDIRECT LENS

**UD0** Not required **UD2** Opal **UD3** Asymmetric <sup>1</sup>

#### 11. INDIRECT BLACKOUT PLATE

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

#### 12. VOLTAGE

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

### 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>&</sup>lt;sup>1</sup> Consult factory.

<sup>&</sup>lt;sup>1</sup> Available up to 1200 lm/ft.The asymmetric distribution will be directed away from the wall.

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

<sup>&</sup>lt;sup>1</sup> Not available in North America.

<sup>&</sup>lt;sup>2</sup> Only available with DA01 dimming.

<sup>&</sup>lt;sup>3</sup> Only available with DA45 dimming.

<sup>&</sup>lt;sup>1</sup> Not available with V3.

<sup>&</sup>lt;sup>2</sup> Not available in North America.

<sup>&</sup>lt;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 FA44 Midnight Blue Metallic -FA27 Wood grain - Light Cherry <sup>1</sup> FA28 Wood grain - Dark Walnut <sup>1</sup>FA30 Wood grain - White Oak <sup>1</sup>

Textured

FA45 Copper Metallic FA46 Charcoal Metallic -FA47 Bronze Metallic - Textured FA52 Champagne Metallic

FA53 Red Metallic - Textured

**Textured** 

#### 15. EMERGENCY

**EO** Not required E1 Emergency system - Integral 1 E3 Emergency generated circuit 1

#### 16. CIRCUITS

CS1 Single circuit CS2 Dual circuit 1

#### 17. SENSORS

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

# TECHNICAL DATA

#### **LUMINAIRE**

One power cord every 50 linear ft.

Code TLCW1W TLCW2W

**Light Direction** 

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

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.

# 8 PERFORMANCE DATA

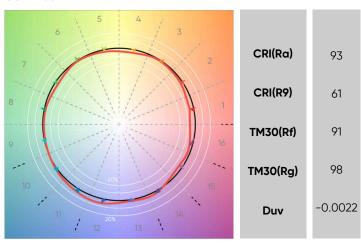
DIRECT COMFORT (DD4)	LUMEN/FT	WATT/FT	LPW	DIRECT BATWING (DD2)	LUMEN/FT	WATT/FT	LPW
	1400 1200	13 11	103 106		1400 1200	13 11	108 112
	1000 800 600	9 7 5	109 112 115		1000 800 600	9 7 5	115 118 121
	400 200	3 2	119 120		400 200	3 2	124 129

DIRECT ASYMMETRIC (DD1)	LUMEN/FT	WATT/FT	LPW	INDIRECT BATWING (UD1)	LUMEN/FT	WATT/FT	LPW
	1400 1200 1000 800 600 400 200	13 11 9 7 5 3 2	112 115 118 121 125 128 133		1650 1400 1200 1000 800 600 400 200	13 10 9 7 6 4 3	132 137 140 144 146 150 153

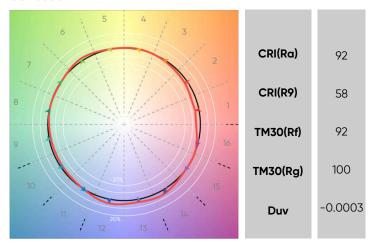
INDIRECT ASYMMETRIC (UD3)	LUMEN/FT	WATT/FT	LPW
	1200	13	97
	1000	10	100
	800	9	102
	600	6	107
	400	4	109
	200	2	112

# 9 TM-30 DATA

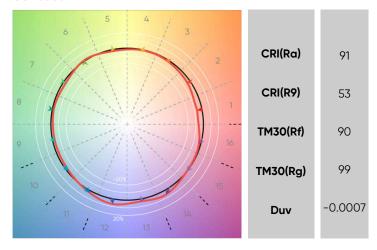
#### **CCT 2700K**



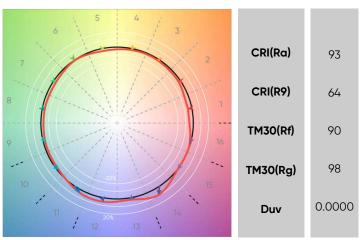
#### **CCT 3000K**



#### **CCT 3500K**

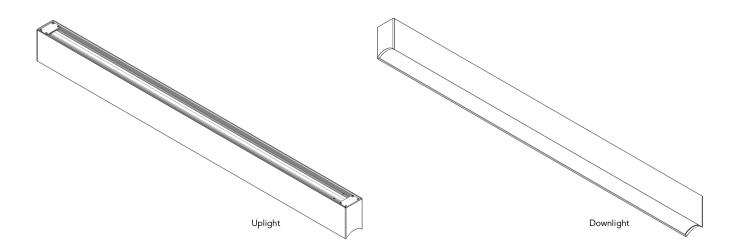


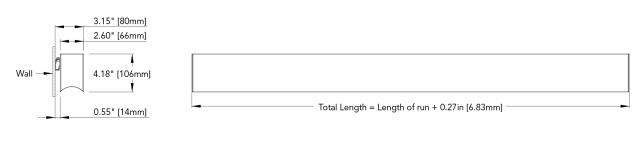
#### **CCT 4000K**

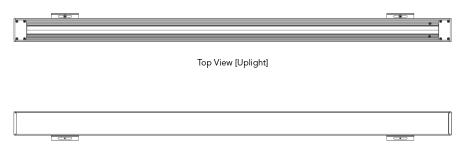


# 10 DIMENSIONAL DIAGRAMS

## Isometric Views



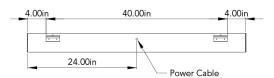




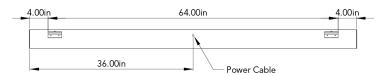
Bottom View [Downlight]

# Wall Mount Configurations

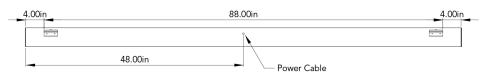
## <u>4FT</u>



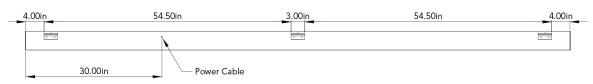
# <u>6FT</u>



#### 8FT



#### <u>10FT</u>



### 12FT

