

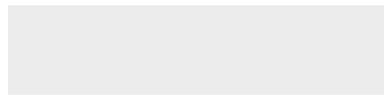


TUNNEL™

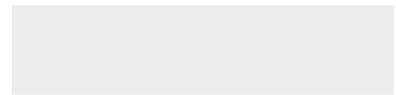
FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE



QUANTITIES

1 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 fixtures are BIOS and Tunable White compatible, ensuring optimal visual comfort.

2 OPTICS & FEATURES

Suspended Direct Suspended Direct/Indirect Direct DD1 Direct DD2 Direct DD4 Indirect UD1 Indirect UD3 Bios Declare. PoE

Tunable White

3 APPROVALS



4 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

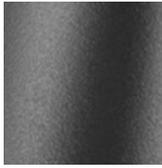
US Design Patent Pending.

SUSTAINABILITY

Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

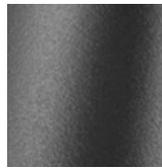
5 DESIGN OPTIONS

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						

6 HOW TO ORDER

1. 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.

2. LENGTH OF RUN

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.

SFA_ _ _ _

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 40' run is required and SL12 (12') is selected, we would provide 4 10' segments. For special requirements, please contact sales@betacalco.com.

4. 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

5. 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

6. CRI

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

7. CCT DIRECT

CTA27 2700K **CTA30** 3000K **CTA35** 3500K **CTA40** 4000K
CTA60 Tunable White ¹

¹ Consult factory.

8. CCT INDIRECT

CTB00 Not required	CTB27 2700K	CTB30 3000K	CTB35 3500K
CTB40 4000K	CTB60 Tunable White ¹		

¹ Consult factory.

9. DIRECT LENS

DD1 Asymmetric ¹	DD2 Batwing	DD4 Comfort
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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.

10. INDIRECT LENS

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

11. INDIRECT BLACKOUT PLATE

UB00 Not required	UB_ _ Blackout plate ¹
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¹ Available on a per foot basis. May be required to prevent lighting up of duct work in loft style applications.

12. VOLTAGE

V1 120/277V	V2 240V ¹	V3 347V ²	V4 Low Voltage ³
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¹ Not available in North America. ² Only available with DA01 dimming.

13. 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.

14. 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.

15. SUSPENSION

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

16. 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 **FA30** Wood grain – White Oak 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 Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

17. 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

18. 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.

19. CIRCUITS

CS1 Single circuit **CS2** Dual circuit ¹

20. SENSORS

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

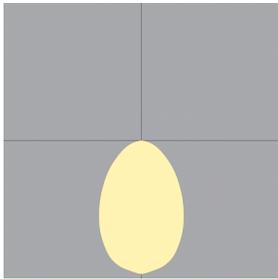
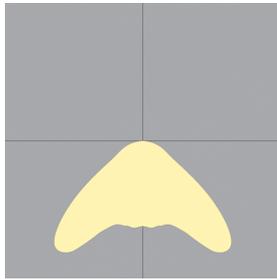
7 TECHNICAL DATA

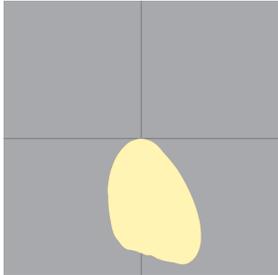
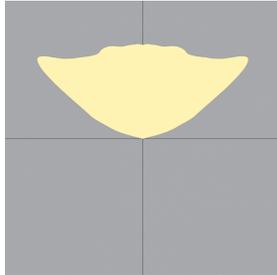
LUMINAIRE

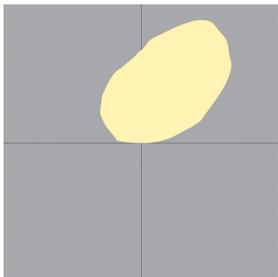
All data shown at max values based on diffused light diffuser. Consult Performance Data download page for more detail.
One power cord for every 50 linear feet.

Code	TLCP1P	TLCP2P
Light Direction	Direct	Direct/Indirect

8 PERFORMANCE DATA

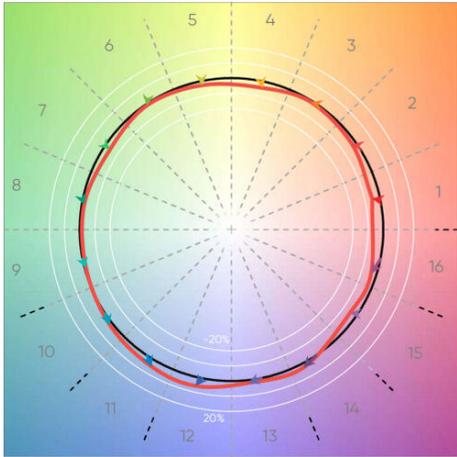
DIRECT COMFORT (DD4)	LUMEN/FT	WATT/FT	LPW	DIRECT BATWING (DD2)	LUMEN/FT	WATT/FT	LPW
	1400 1200 1000 800 600 400 200	13 11 9 7 5 3 2	103 106 109 112 115 119 120		1400 1200 1000 800 600 400 200	13 11 9 7 5 3 2	108 112 115 118 121 124 129

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 1	132 137 140 144 146 150 153 153

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

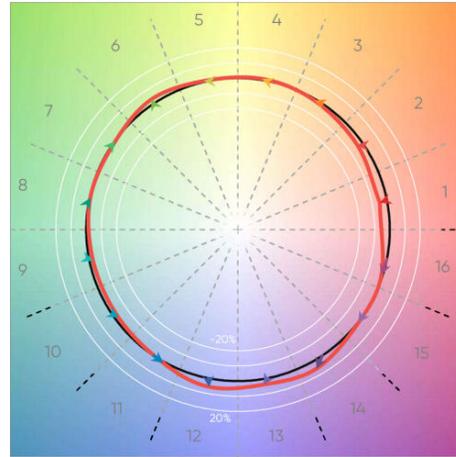
9 TM-30 DATA

CCT 2700K



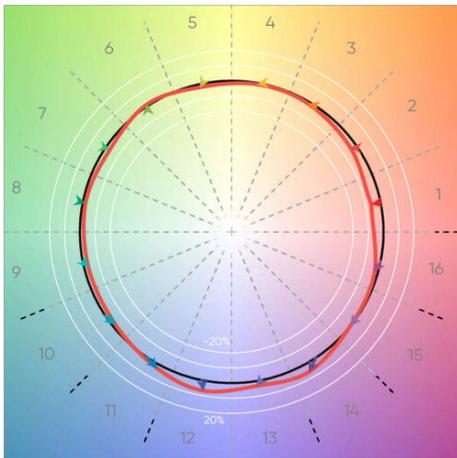
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



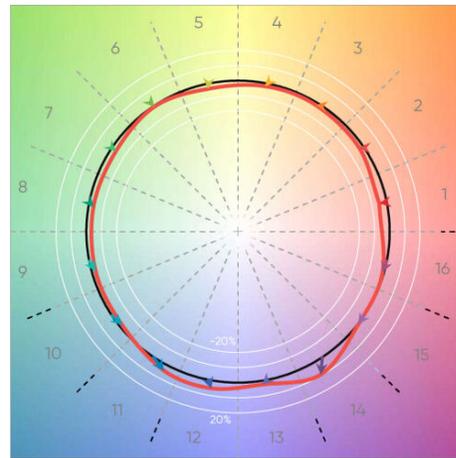
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

CCT 4000K



CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

10 DIMENSIONAL DIAGRAMS

