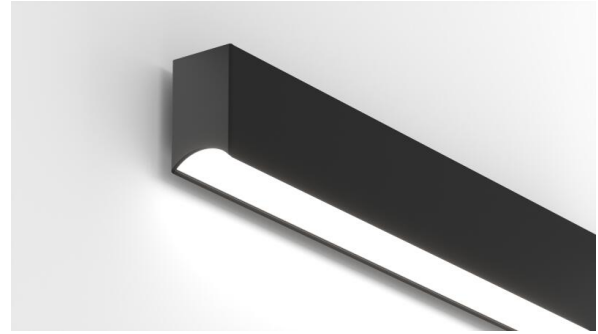




TUNNEL™

SHORT SPECIFICATION SHEET



Fixture Type

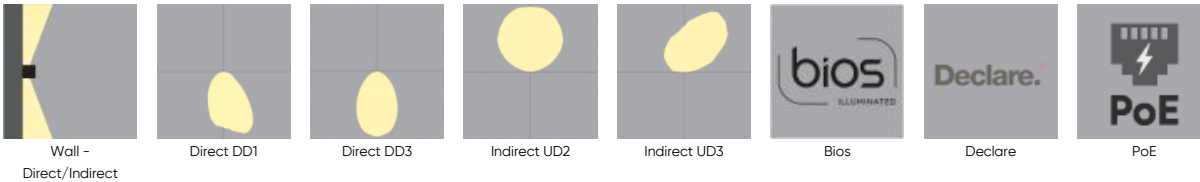
Fixture Code

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 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.

2 MOUNTING & OPTICS



3 APPROVALS



4 GENERAL SPECIFICATION

BODY

Aluminum.

FINISH

Powder coated.

MECHANICAL

Luminaires mount directly over J box (by others).

DIFFUSER

Opal acrylic. 2.4" width

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.

ESTIMATED L70 @25°C (77°F)

> 165,000 hrs @ 2000 lumens/ft (6000 lumens/m)

APPROVALS

Damp Rated.

DESIGN

US Design Patent Pending.

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.

REPORTED L70 @25°C (77°F)

> 60,000 hrs @ 2000 lumens/ft (6000 lumens/m)

DELIVERED LUMENS

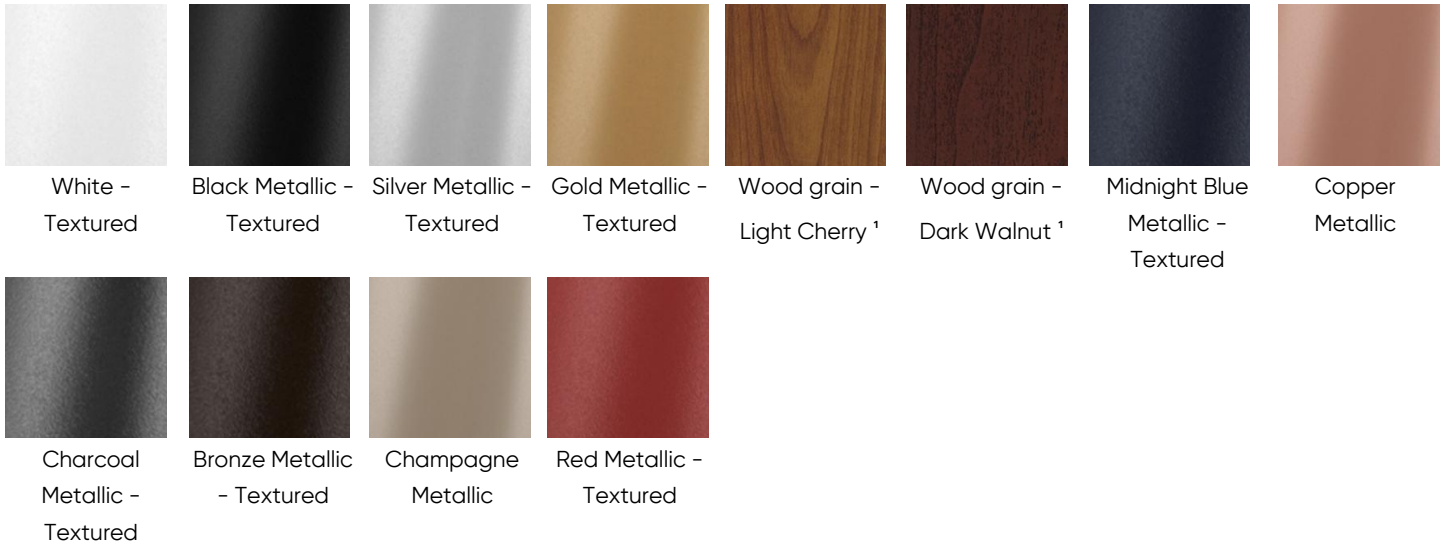
Delivered lumens & LPW based on 4000K CRI 80+

DESIGNED BY

Serge Cornelissen.

5 DESIGN OPTIONS

FIXTURE FINISH



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

6 HOW TO ORDER

A. LUMINAIRE

TLCW1W Direct TLCW2W Direct/Indirect

One power cord every 50 linear ft.

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	DD3 Diffused light diffuser ¹	DD4 Comfort diffuser ²
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¹ High output diffuser, all data shown based on this diffuser.

² 10% reduction from DD3. The comfort lens provides better control and softer distribution.

J. UPLIGHT DIFFUSER

UD0 Not required	UD2 Opal diffuser	UD3 Asymmetric diffuser ¹
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¹ Available up to 1200 lm/ft. The asymmetric distribution will be directed away from the wall.

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.

³ Only available with DA45 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. 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.

O. 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.

P. CIRCUITS

CS1 Single circuit

CS2 Dual circuit ¹

Q. SENSORS

7 TECHNICAL DATA

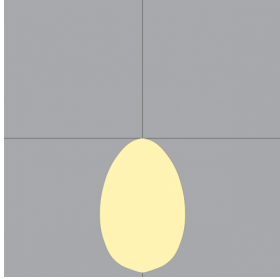
LUMINAIRE

One power cord every 50 linear ft.

Code	TLCW1W	TLCW2W
Light Direction		

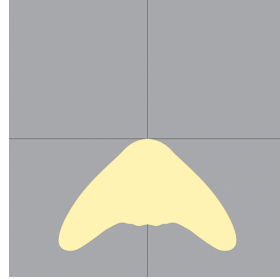
8 PERFORMANCE DATA

DIRECT DIFFUSED (DD3)



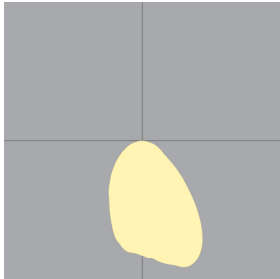
LUMEN/FT	WATT/FT	LPW
1400	13	115
1200	11	118
1000	9	121
800	7	124
600	5	128
400	3	132
200	2	134

DIRECT BATWING (DD2)



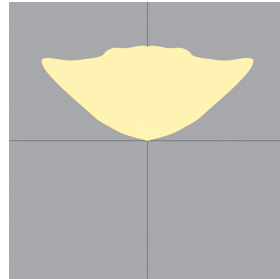
LUMEN/FT	WATT/FT	LPW
1400	13	108
1200	11	112
1000	9	115
800	7	118
600	5	121
400	3	124
200	2	129

DIRECT ASYMMETRIC (DD1)



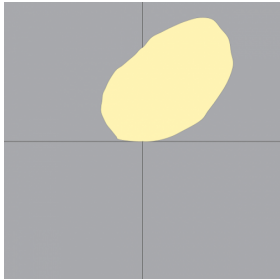
LUMEN/FT	WATT/FT	LPW
1400	13	112
1200	11	115
1000	9	118
800	7	121
600	5	125
400	3	128
200	2	133

INDIRECT BATWING (UD1)



LUMEN/FT	WATT/FT	LPW
1650	13	132
1400	10	137
1200	9	140
1000	7	144
800	6	146
600	4	150
400	3	153
200	1	153

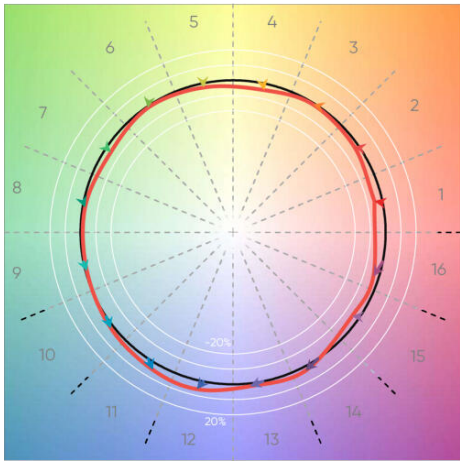
INDIRECT ASYMMETRIC (UD3)



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

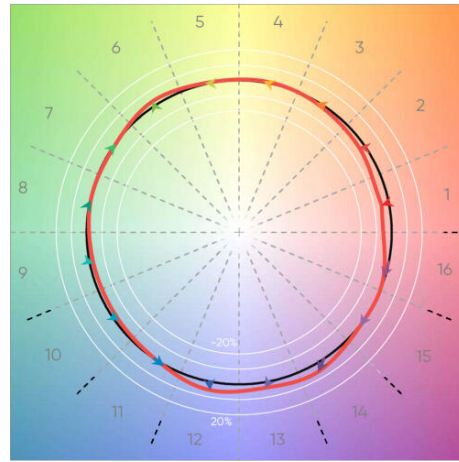
9 TM-30 DATA

CCT 2700K



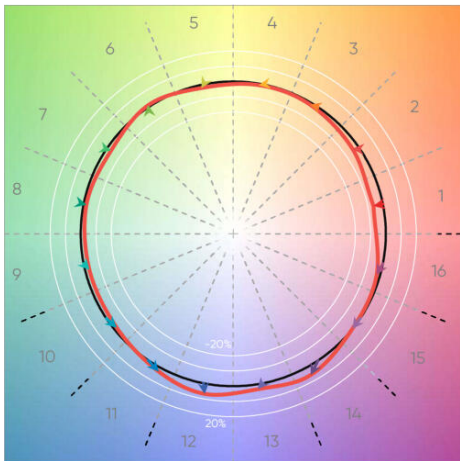
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



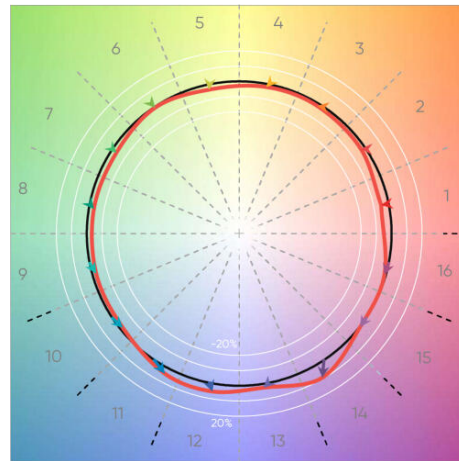
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



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

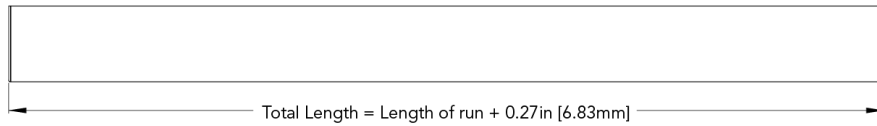
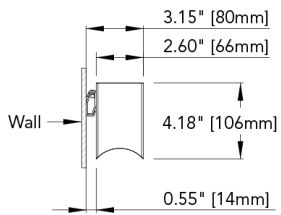
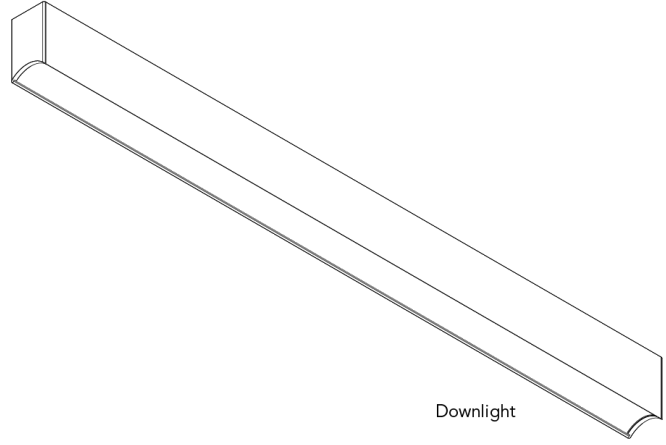
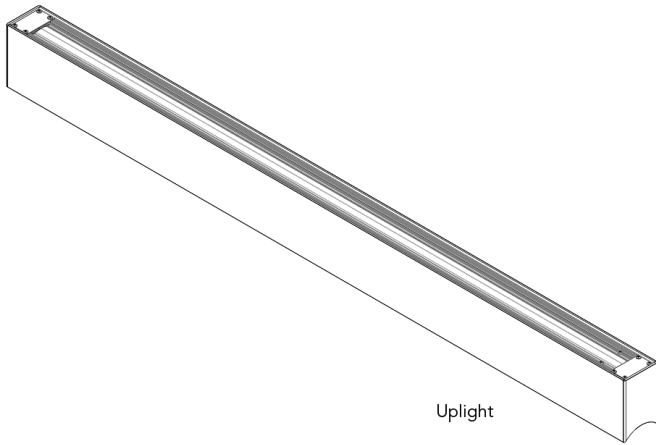
CCT 4000K



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

10 DIMENSIONAL DIAGRAMS

Isometric Views



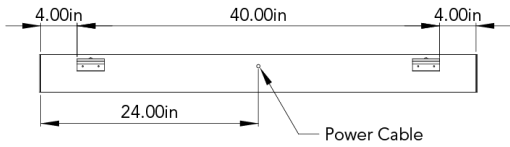
Top View [Uplight]



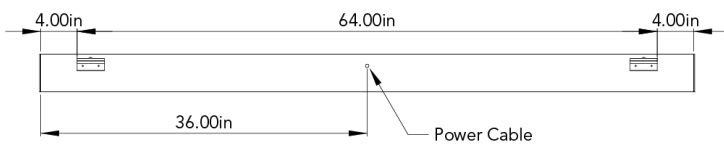
Bottom View [Downlight]

Wall Mount Configurations

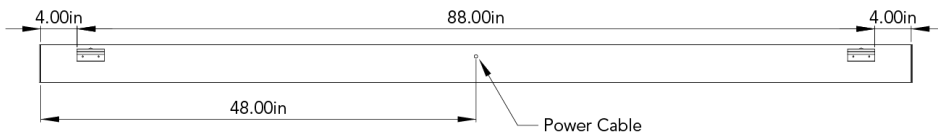
4FT



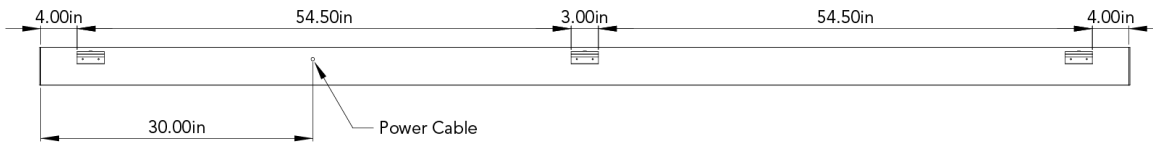
6FT



8FT



10FT



12FT

