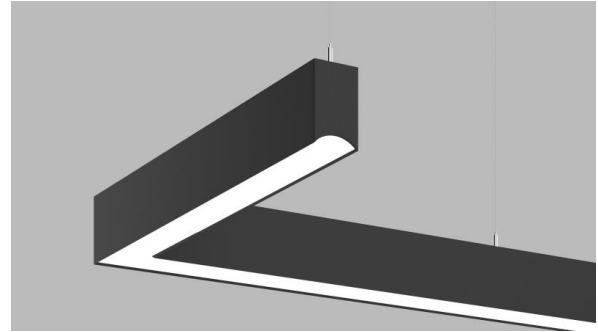




TUNNEL SYSTEMS™

FULL SPECIFICATION SHEET



Fixture Type

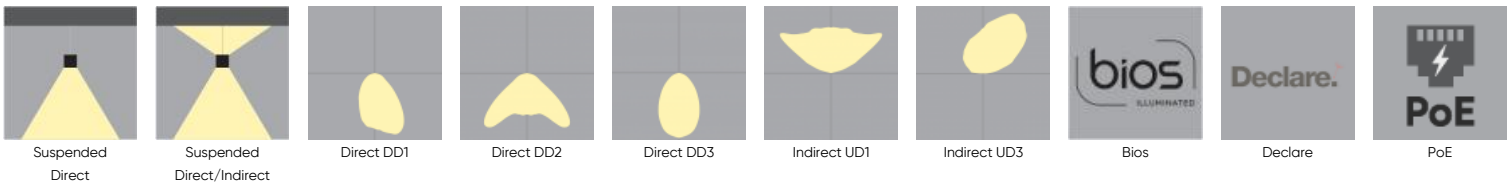
Fixture Code

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 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 does not compromise on performance. Design a cleaner lighting layout that follows the architecture and interior design with the new Systems option.

2 MOUNTING & OPTICS



3 APPROVALS



4 GENERAL SPECIFICATION

BODY

Aluminum.

FINISH

Powder coated

SUSPENSION

Steel cables.

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, 347V (EU-240V). The driver is integral to the fixture housing.

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.

MECHANICAL

Luminaires mount directly over J box (by others).

ESTIMATED L70 @25°C (77°F)

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

APPROVALS

Damp Rated.

DESIGN

US Design Patent Pending.

POWER CABLE

Silver braided.

BIOS

For circadian lighting, consult factory.

RGBW

RGBW available, consult factory.

DIFFUSER

Opal acrylic. 2.4" width

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

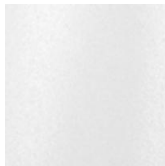



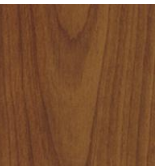
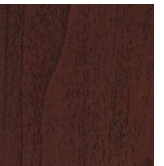


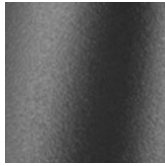



Delivered lumens & LPW based on 4000K CRI 80+

DESIGNED BY

Serge Cornelissen.

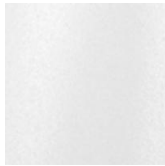
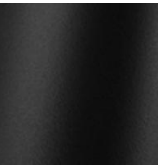
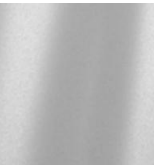


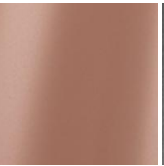
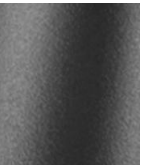
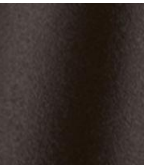


5 DESIGN OPTIONS

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						

6 HOW TO ORDER

A. Choose a Module

Make a selection from one of the following 7 sections. One power cord for every 50 linear feet. Connection parts for each section are shipped separately for on site assembly. Project drawings are not required for this product.

STRAIGHT SECTION 2FT

TL1PSL02 2ft middle section Direct	TL1PSM02 2ft middle section with power cord Direct	TL1PSN02 2ft section with end cap Direct	TL1PSP02 2ft section with end cap and power cord Direct
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Available as Direct only.

STRAIGHT SECTION 4FT

TL1PSL04 4ft middle section Direct	TL1PSM04 4ft middle section with power cord Direct	TL1PSN04 4ft section with end cap Direct	TL1PSP04 4ft section with end cap and power cord Direct
TL2PSL04 4ft middle section Direct/Indirect	TL2PSM04 4ft middle section with power cord Direct/Indirect	TL2PSN04 4ft section with end cap Direct/Indirect	TL2PSP04 4ft section with end cap and power cord Direct/Indirect

STRAIGHT SECTION 6FT

TL1PSL06 6ft middle section Direct	TL1PSM06 6ft middle section with power cord Direct	TL1PSN06 6ft section with end cap Direct	TL1PSP06 6ft section with end cap and power cord Direct
TL2PSL06 6ft middle section Direct/Indirect	TL2PSM06 6ft middle section with power cord Direct/Indirect	TL2PSN06 6ft section with end cap Direct/Indirect	TL2PSP06 6ft section with end cap and power cord Direct/Indirect

STRAIGHT SECTION 8FT

TL1PSL08 8ft middle section Direct	TL1PSM08 8ft middle section with power cord Direct	TL1PSN08 8ft section with end cap Direct	TL1PSP08 8ft section with end cap and power cord Direct
TL2PSL08 8ft middle section Direct/Indirect	TL2PSM08 8ft middle section with power cord Direct/Indirect	TL2PSN08 8ft section with end cap Direct/Indirect	TL2PSP08 8ft middle section with end cap and power cord Direct/Indirect

STRAIGHT SECTION 10FT

TL1PSL10 10ft middle section Direct	TL1PSM10 10ft middle section with power cord Direct	TL1PSN10 10ft section with end cap Direct	TL1PSP10 10ft section with end cap and power cord Direct
TL2PSL10 10ft middle section Direct/Indirect	TL2PSM10 10ft middle section with power cord Direct/Indirect	TL2PSN10 10ft section with end cap Direct/Indirect	TL2PSP10 10ft section with end cap and power cord Direct/Indirect

STRAIGHT SECTION 12FT

TL1PSL12 12ft middle section Direct	TL1PSM12 12ft middle section with power cord Direct	TL1PSN12 12ft section with end cap Direct	TL1PSP12 12ft section with end cap and power cord Direct
TL2PSL12 12ft middle section Direct/Indirect	TL2PSM12 12ft middle section with power cord Direct/Indirect	TL2PSN12 12ft section with end cap Direct/Indirect	TL2PSP12 12ft section with end cap and power cord Direct/Indirect

CORNER SECTION (28"X28" L SHAPE)

TL1PSL01 Corner with no end caps Direct	TL1PSM01 Corner middle with power cord Direct	TL1PSN01 Corner with Left end cap Direct	TL1PSN03 Corner with Right end cap Direct
TL1PSP01 Corner with Left end cap and power cord Direct	TL1PSP03 Corner with Right end cap and power cord Direct	TL2PSL01 Corner with no end caps Direct/Indirect	TL2PSM01 Corner middle with power cord Direct/Indirect
TL2PSN01 Corner with Left end cap Direct/Indirect	TL2PSN03 Corner with Right end cap Direct/Indirect	TL2PSP01 Corner with Left end cap and power cord Direct/Indirect	TL2PSP03 Corner with Right end cap and power cord Direct/Indirect

B. 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	

Consult website for available lumens/ft. based on selected louver.

C. 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			

Consult website for available lumens/ft.
All data shown based on DD3 diffuser.

D. CRI

CR80 CRI 80+	CR90 CRI 90+
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E. CCT (DIRECT)

CTA27 2700K	CTA30 3000K	CTA35 3500K	CTA40 4000K
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F. CCT (INDIRECT)

CTB00 Not required	CTB27 2700K	CTB30 3000K	CTB35 3500K
CTB40 4000K			

G. DIRECT DIFFUSER

DD1 Asymmetric diffuser ¹

DD2 Batwing diffuser

DD3 Diffused light diffuser ¹

DD4 Comfort diffuser ³

¹ Recommended for use with Frosted louver only. 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.

² High output diffuser, all data shown based on this diffuser.

³ 10% reduction from DD3. The comfort lens provides better control and softer distribution.

H. UPLIGHT DIFFUSER

UD0 Not required

UD1 Batwing

UD3 Asymmetric diffuser ¹

¹ Available up to 1200 lm/ft.

I. BLACKOUT PLATE

UB00 Not required

UB_ _ Blackout plate ¹

¹ Available on a per foot basis. May be required to prevent lighting up duct work in a loft type application.

J. 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.

K. 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 347V.

² Not available in North America.

³ Only available with V4.

L. CEILING TYPE

G1 Grid ceiling ¹	H1 Hard ceiling ²
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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.

M. SUSPENSION

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

P. EMERGENCY

E0 Not required

E1 Emergency system – Integral ¹ **E3** Emergency generator 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. ¹ Available upon request, consult factory for details. Not available with 347V.

Q. CIRCUITS

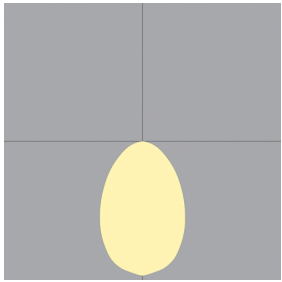
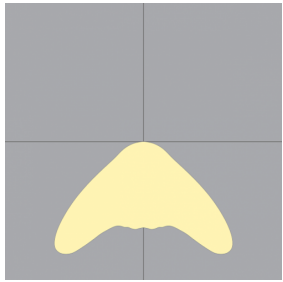
CS1 Single circuit

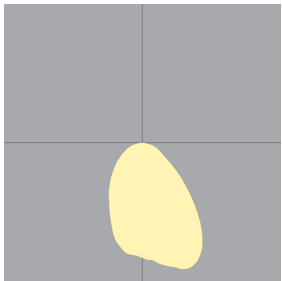
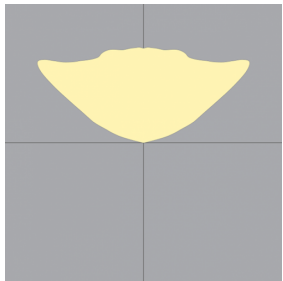
CS2 Dual circuit ¹

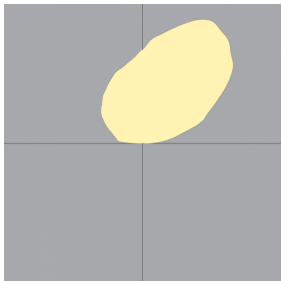
¹ Independent control of upright for LELP2P.

R. SENSORS

7 PERFORMANCE DATA

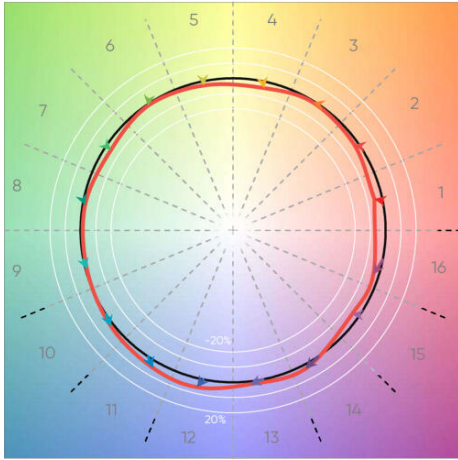
DIRECT DIFFUSED (DD3)	LUMEN/FT	WATT/FT	LPW	DIRECT BATWING (DD2)	LUMEN/FT	WATT/FT	LPW
	1400 1200 1000 800 600 400 200	13 11 9 7 5 3 2	115 118 121 124 128 132 134		1400 1200 1000 800 600 400 200	13 11 9 7 5 3 2	108 112 115 118 121 124 129

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 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

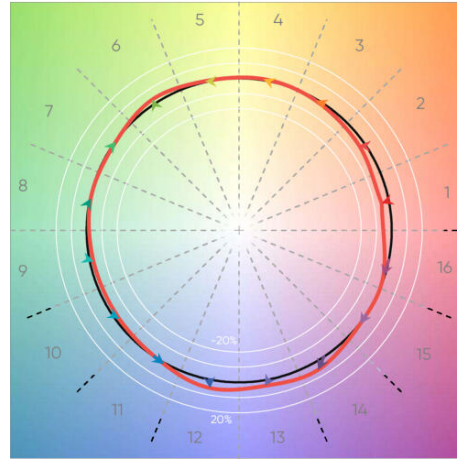
8 TM-30 DATA

CCT 2700K



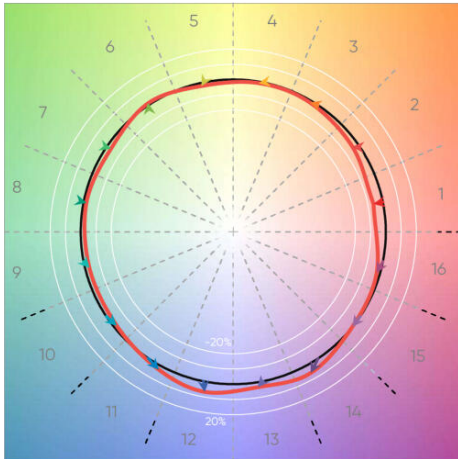
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



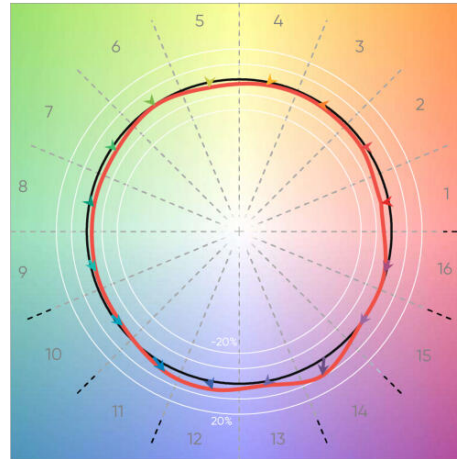
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



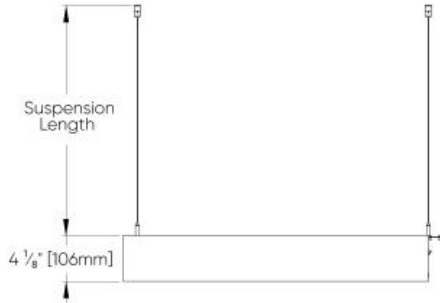
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CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

CCT 4000K

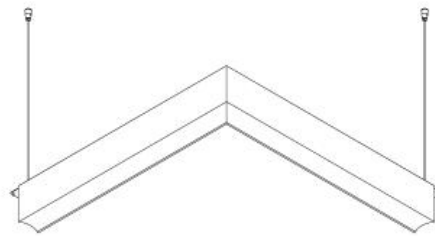
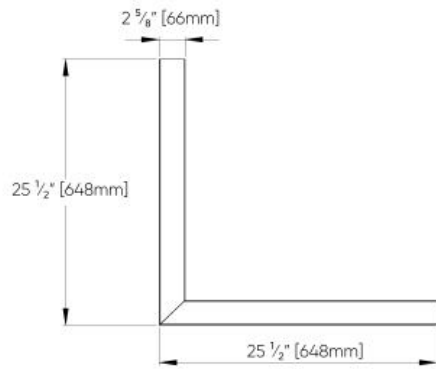


CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

9 DIMENSIONAL DIAGRAMS



ISOMETRIC TOP VIEW



ISOMETRIC BOTTOM VIEW