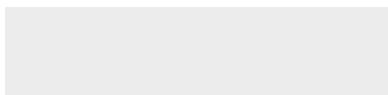


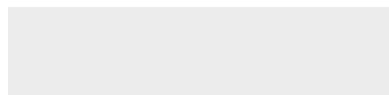


TUNNEL QUAD™

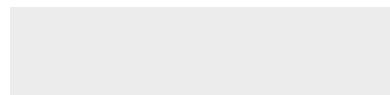
FULL SPECIFICATION SHEET



Fixture Type



Fixture Code

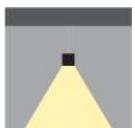


Quantities

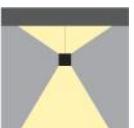
1 DESCRIPTION

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 human-centric fixtures are BIOS and Tunable White compatible, ensuring optimal visual comfort for people within the space.

2 OPTICS & FEATURES



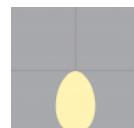
Suspended Direct



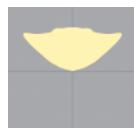
Suspended Direct/Indirect



Direct DD2



Direct DD4



Indirect UD1



BIOS



Declare



PoE



Tunable White

3 APPROVALS



DAMP
LOCATION



IP20

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

DELIVERED LUMENS

Delivered lumens & LPW based on 4000K CRI 80+

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)

SENSORS

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

DESIGN

US Design Patent Pending.

POWER CABLE

Silver braided.

BIOS

For circadian lighting, consult factory.

RGBW

RGBW available, consult factory.

LENS

Opal acrylic. 2.4" width

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.

APPROVALS

Damp Rated.

SEISMIC BRACING

Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

5 DESIGN OPTIONS**Fixture Finish**

¹ Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

Canopy Finish

6 HOW TO ORDER**1. LUMINAIRE**

TLCQ1P01 27.2" Sq, Direct	TLCQ1P02 51.2" Sq, Direct	TLCQ1P05 27.20" x 51.20", Direct	TLCQ2P01 27.2" Sq, Direct/Indirect
TLCQ2P02 51.2" Sq, Direct/Indirect	TLCQ2P05 27.2" x 51.2", Direct/Indirect		

For larger sizes, refer to Tunnel Systems. One power cord for every 50 linear feet.

2. LUMENS/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	

3. LUMENS/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			

4. CRI

CR80 CRI 80+	CR90 CRI 90+
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5. CCT DIRECT

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

¹ Consult factory.

6. CCT INDIRECT

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

¹ Consult factory.

7. DIRECT LENS

DD2 Batwing	DD4 Comfort
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8. INDIRECT LENS (BATWING)

UD0 Not required	UD1 Clear (Batwing distribution)
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9. 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.

10. 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.

11. 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.

12. 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.

13. SUSPENSION

HLA03 3ft cable suspension

HLA06 6ft cable suspension

HLA09 9ft cable suspension

14. 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.

15. 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		

16. EMERGENCY

E0 Not required	E1 Emergency system - Integral ¹	E3 Emergency generated circuit ¹
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¹ Not available in 347V. Available upon request, consult factory for details.

17. CIRCUITS

CS1 Single circuit	CS2 Dual circuit ¹
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18. SENSORS

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

7 TECHNICAL DATA

LUMINAIRE

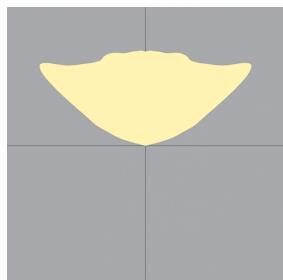
For larger sizes, refer to Tunnel Systems. One power cord for every 50 linear feet.

Code	TLCQ1P01	TLCQ1P02	TLCQ1P05	TLCQ2P01	TLCQ2P02	TLCQ2P05
Light Direction						

8 PERFORMANCE DATA

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

INDIRECT BATWING (UD1)



LUMEN/FT

1650
1400
1200
1000
800
600
400
200

WATT/FT

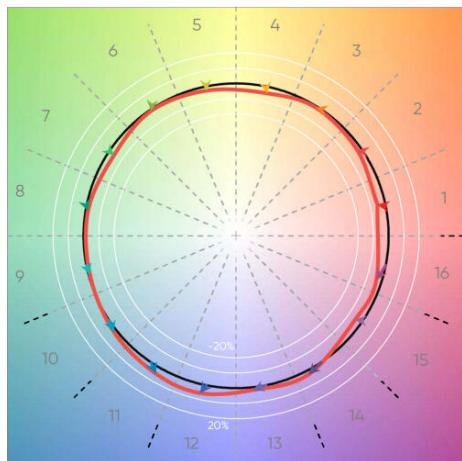
13
10
9
7
6
4
3
1

LPW

132
137
140
144
146
150
153
153

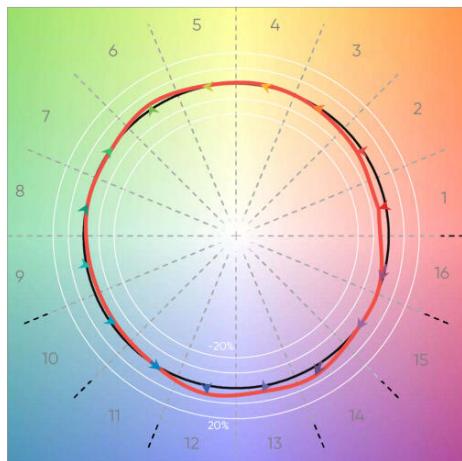
9 TM-30 DATA

CCT 2700K



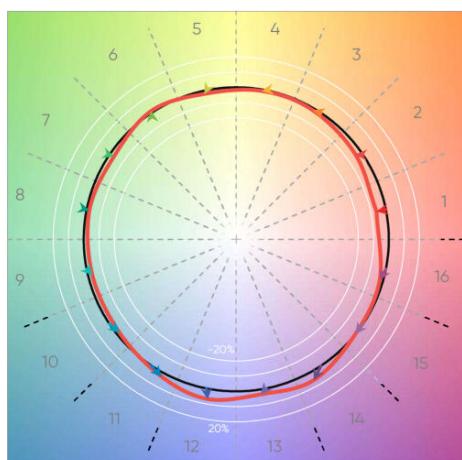
CRI(Ra) 93
CRI(R9) 61
TM30(Rf) 91
TM30(Rg) 98
Duv -0.0022

CCT 3000K



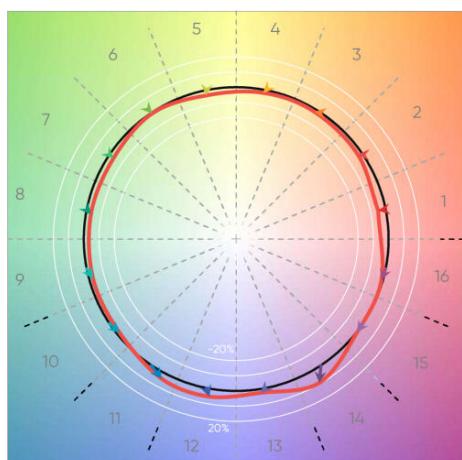
CRI(Ra) 92
CRI(R9) 58
TM30(Rf) 92
TM30(Rg) 100
Duv -0.0003

CCT 3500K



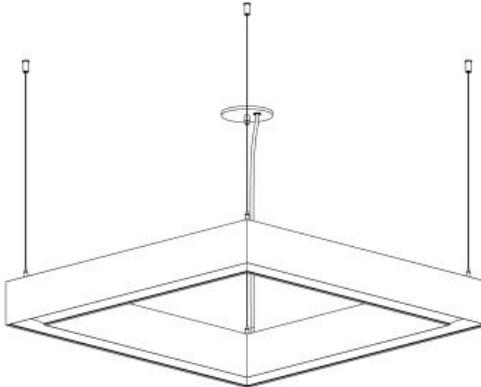
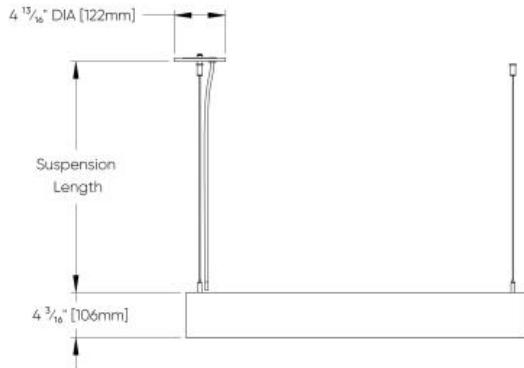
CRI(Ra) 91
CRI(R9) 53
TM30(Rf) 90
TM30(Rg) 99
Duv -0.0007

CCT 4000K

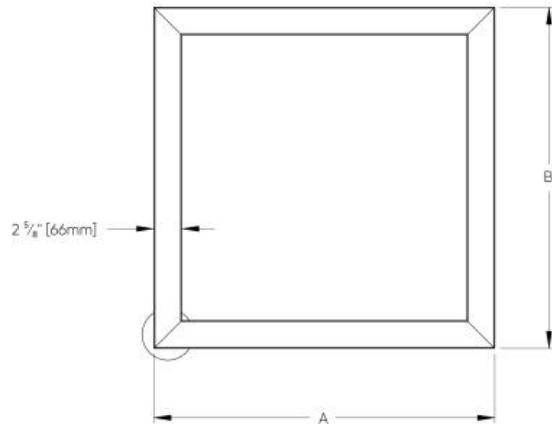


CRI(Ra) 93
CRI(R9) 64
TM30(Rf) 90
TM30(Rg) 98
Duv 0.0000

10 DIMENSIONAL DIAGRAMS



ISOMETRIC BOTTOM VIEW



Luminaire	A	B
TLCQ1P01/TLCQ2P01	27 3/16" [690mm]	27 3/16" [690mm]
TLCQ1P02/TLCQ2P02	51 3/16" [1300mm]	51 3/16" [1300mm]
TLCQ1P05/TLCQ2P05	27 3/16" [690mm]	51 3/16" [1300mm]