

TUNNEL™ - CONTINUOUS WALL

Project Name:

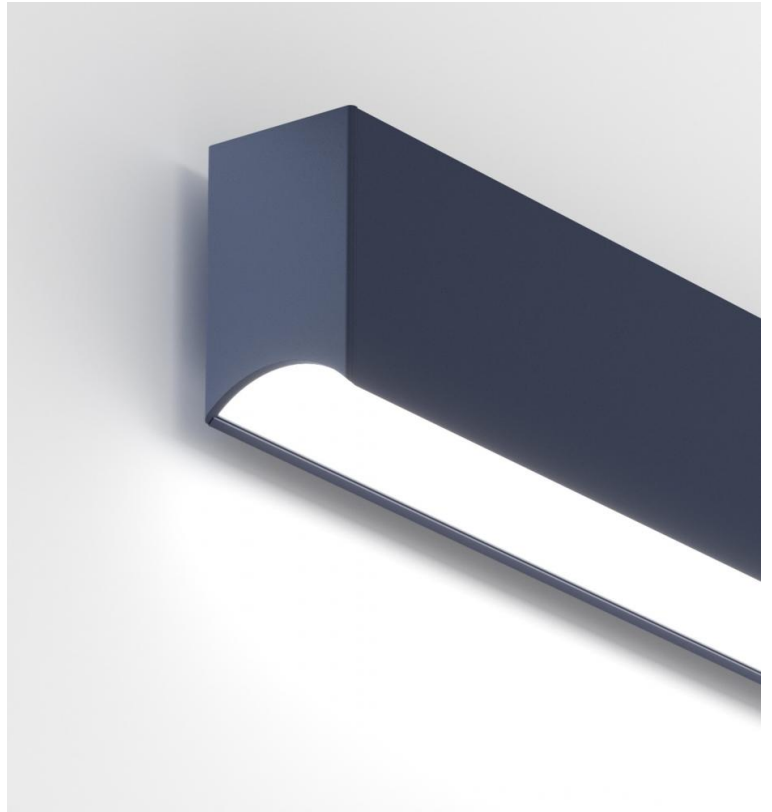
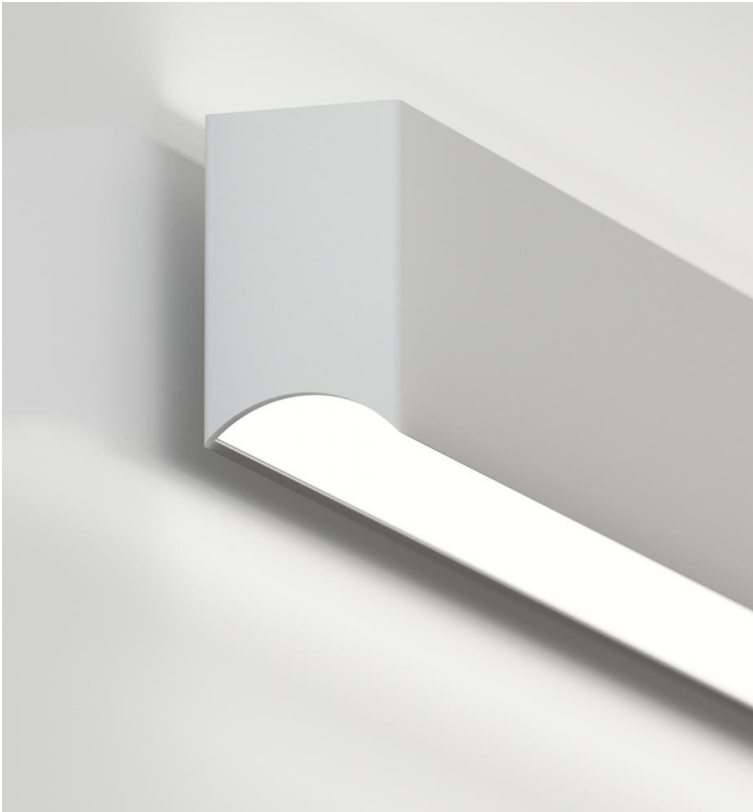
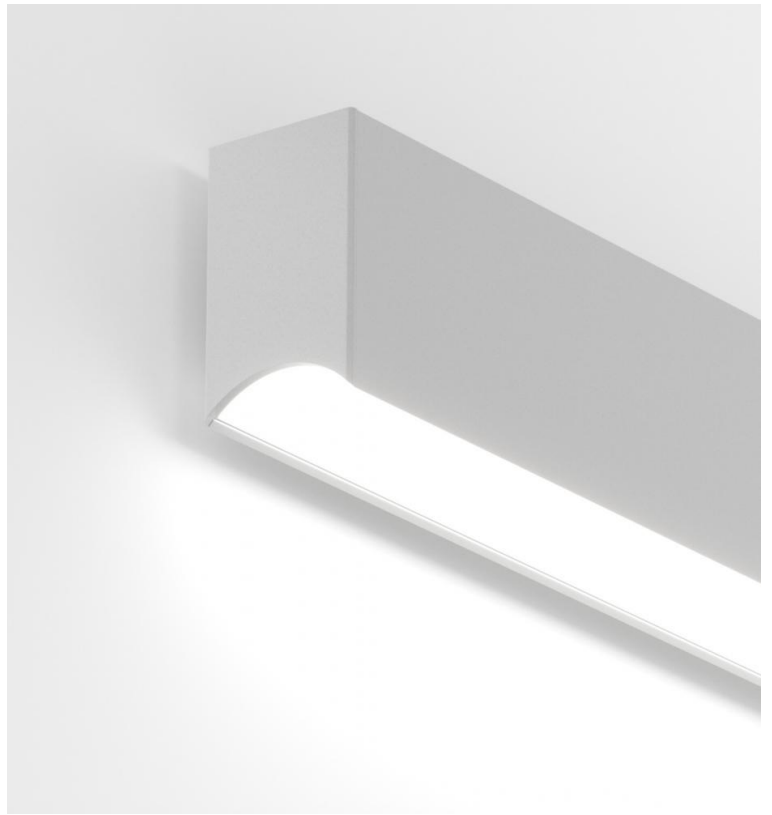
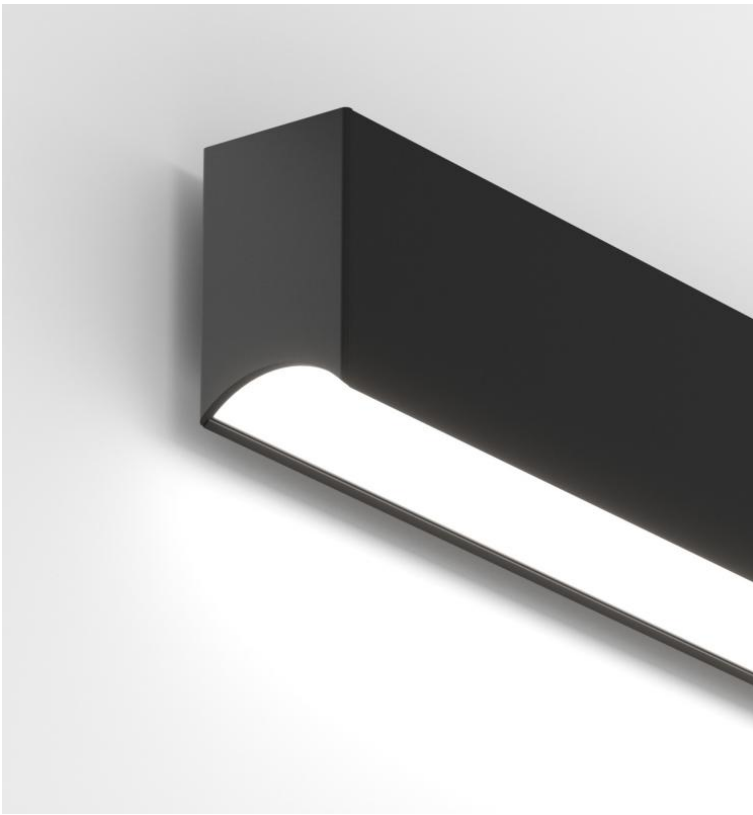
Fixture Type:

Fixture Code:

Quantities:



TUNNEL™ - CONTINUOUS WALL



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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.

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 available, consult factory.

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.

Finish

Powder coated.

Diffuser

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.

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.

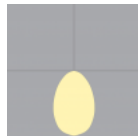
MOUNTING & OPTICS



Wall - Direct/Indirect



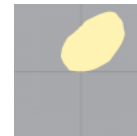
Direct DD1



Direct DD3



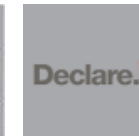
Indirect UD2



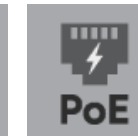
Indirect UD3



Bios



Declare



PoE

TUNNEL™ - CONTINUOUS WALL

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+

G. CCT DIRECT

CTA30 3000K

CTA35 3500K

CTA40 4000K

H. CCT INDIRECT

CTB00 Not required

CTB30 3000K

CTB35 3500K

CTB40 4000K

I. DIRECT DIFFUSER

DD1 Asymmetric diffuser

DD3 Diffused light diffuser ¹

DD4 Comfort diffuser ²

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

¹ Available up to 1200 lm/ft. The asymmetric distribution will be directed away from the wall.

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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

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TECHNICAL DATA

LUMINAIRE

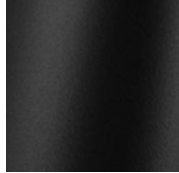
One power cord every 50 linear ft.

Code	TLCW1W	TLCW2W
Light Direction		

FIXTURE FINISH



White - Textured



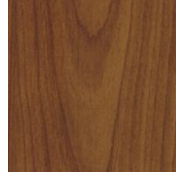
Black Metallic - Textured



Silver Metallic - Textured



Gold Metallic - Textured



Wood grain - Light Cherry¹



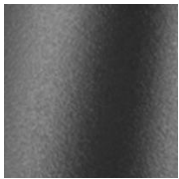
Wood grain - Dark Walnut¹



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.

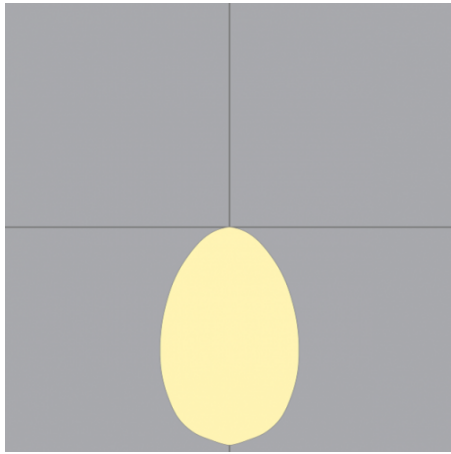
APPROVALS



TUNNEL™ - CONTINUOUS WALL

PERFORMANCE DATA

DIRECT DIFFUSED (DD3)



LUMEN/FT

1400
1200
1000
800
600
400
200

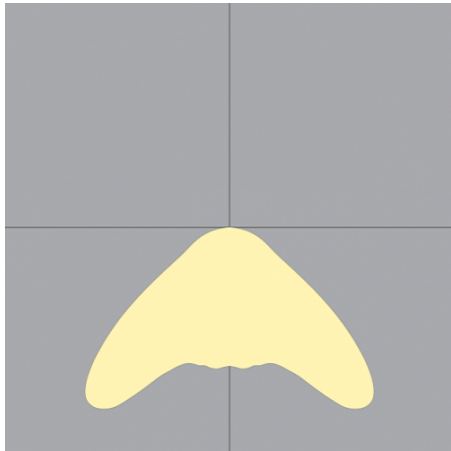
WATT/FT

13
11
9
7
5
3
2

LPW

115
118
121
124
128
132
134

DIRECT BATWING (DD2)



LUMEN/FT

1400
1200
1000
800
600
400
200

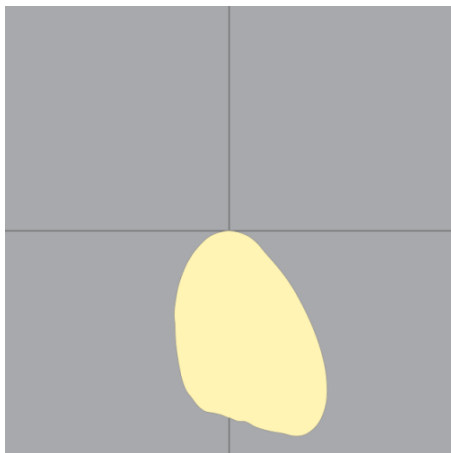
WATT/FT

13
11
9
7
5
3
2

LPW

108
112
115
118
121
124
129

DIRECT ASYMMETRIC (DD1)



LUMEN/FT

1400
1200
1000
800
600
400
200

WATT/FT

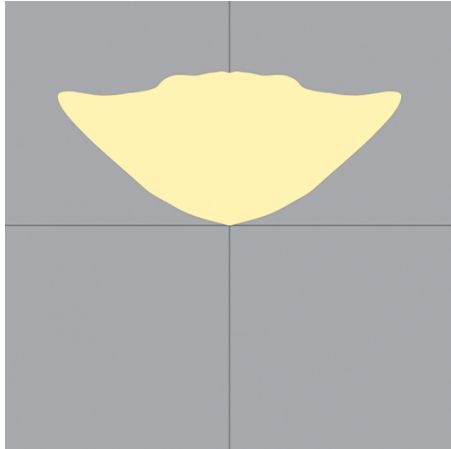
13
11
9
7
5
3
2

LPW

112
115
118
121
125
128
133

TUNNEL™ - CONTINUOUS WALL

INDIRECT BATWING (UD1)



LUMEN/FT

1650
1400
1200
1000
800
600
400
200

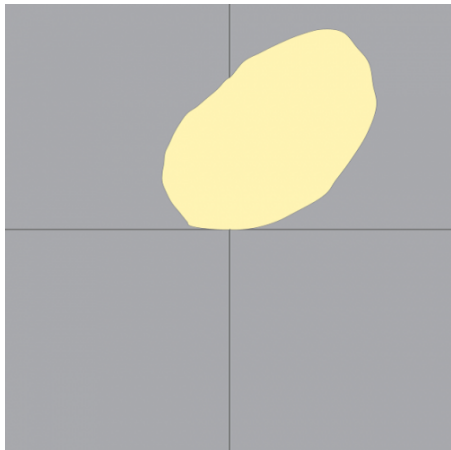
WATT/FT

13
10
9
7
6
4
3
1

LPW

132
137
140
144
146
150
153
153

INDIRECT ASYMMETRIC (UD3)



LUMEN/FT

1200
1000
800
600
400
200

WATT/FT

13
10
9
6
4
2

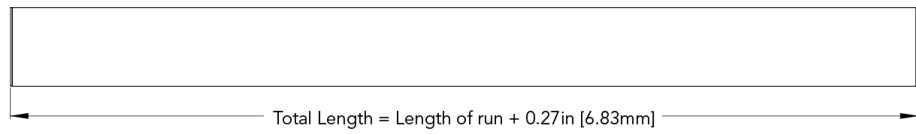
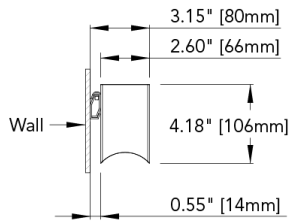
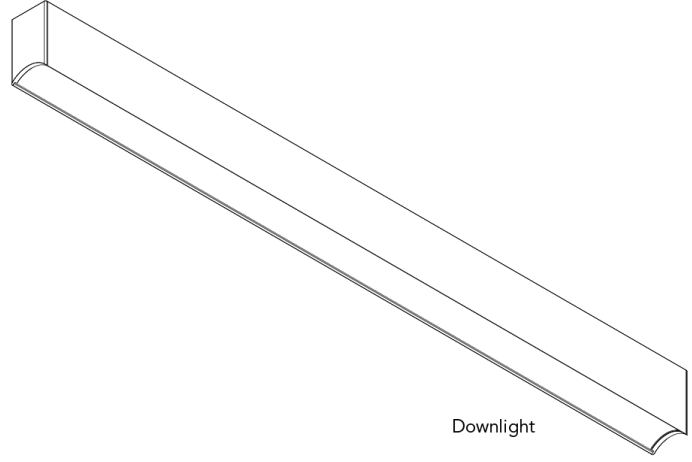
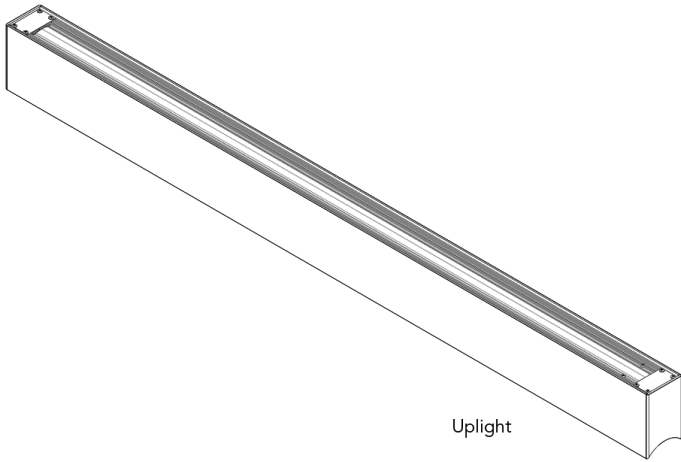
LPW

97
100
102
107
109
112

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DIMENSIONAL DIAGRAMS

Isometric Views



Top View [Uplight]



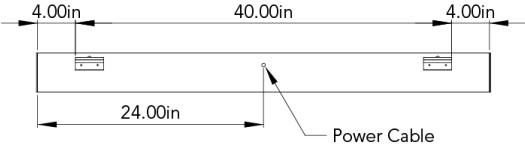
Bottom View [Downlight]



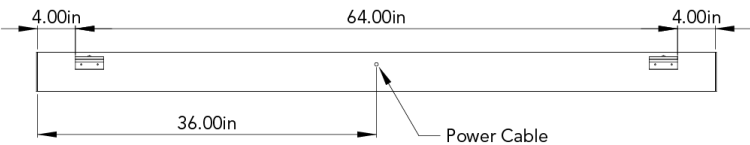
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Wall Mount Configurations

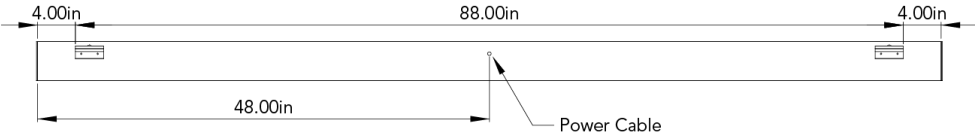
4FT



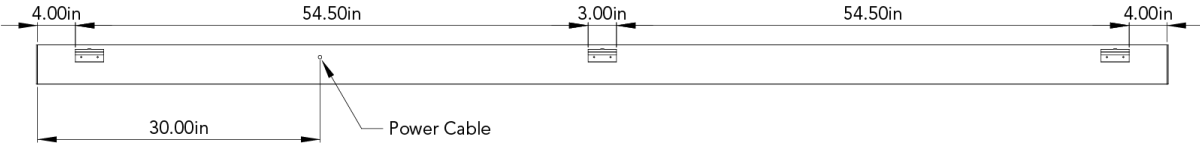
6FT



8FT



10FT



12FT

