

TUNNEL SYSTEMS™ - SUSPENDED

Project Name:

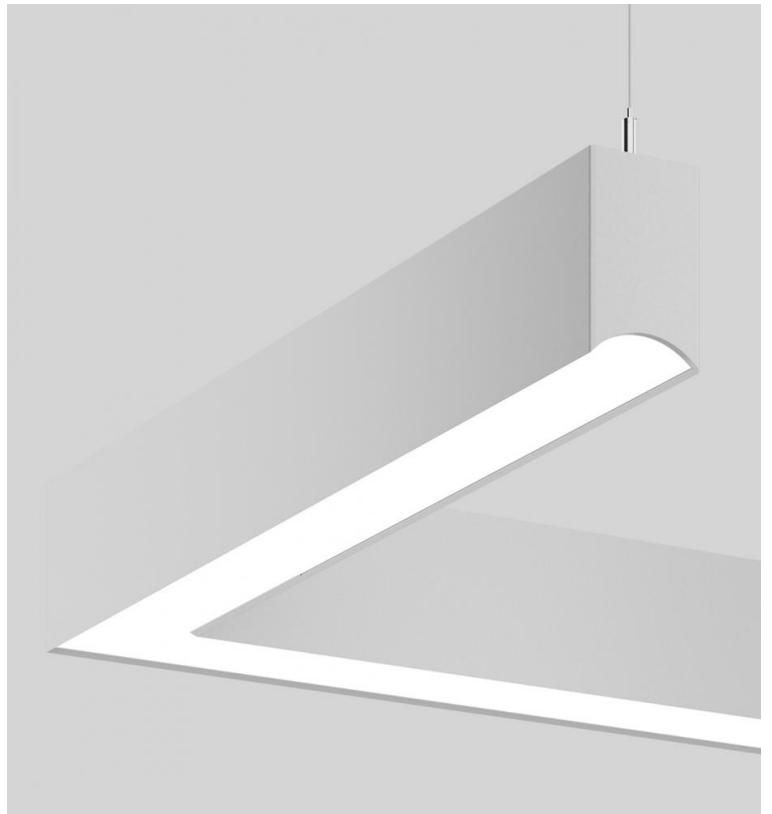
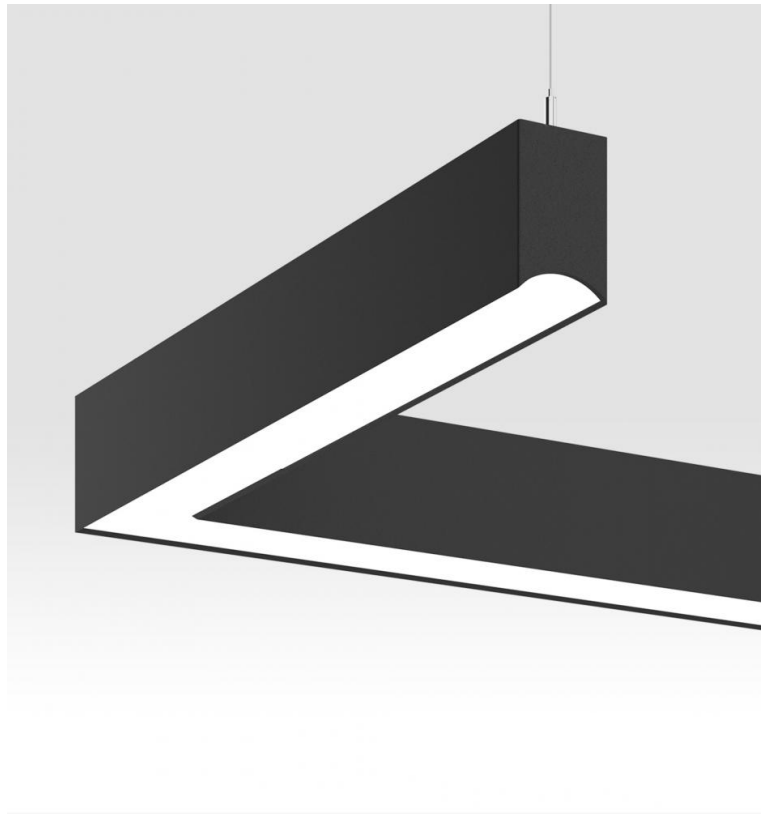
Fixture Type:

Fixture Code:

Quantities:



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

GENERAL SPECIFICATION

Body

Aluminum.

Suspension

Steel cables.

PoE

Can be integrated into your data network via Power over Ethernet (PoE) connectivity.

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.

Tunable White

Tunable white available, 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.

Finish

Powder coated

Power cable

Silver braided.

BIOS

For circadian lighting, consult factory.

Diffuser

Opal acrylic.

Sensors

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

Mechanical

Luminaires mount directly over J box (by others).

Estimated L70 @25°C (77°F)

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

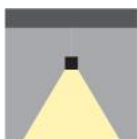
Approvals

Damp Rated.

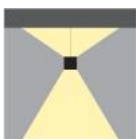
Design

US Design Patent Pending.

MOUNTING & OPTICS



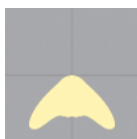
Suspended Direct



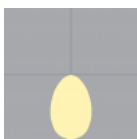
Suspended
Direct/Indirect



Direct DD1



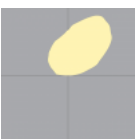
Direct DD2



Direct DD3



Indirect UD1



Indirect UD3



Bios



Declare



PoE



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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

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



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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+ |
|---------------------|---------------------|

E. CCT (DIRECT)

| | | |
|--------------------|--------------------|--------------------|
| CTA30 3000K | CTA35 3500K | CTA40 4000K |
|--------------------|--------------------|--------------------|

F. CCT (INDIRECT)

| | | | |
|---------------------------|--------------------|--------------------|--------------------|
| CTB00 Not required | 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 Clear diffuser (Batwing distribution) | 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.



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K. DIMMING

DA01 0-10V Dimming 1.0%
DA30 DSI/switchDim²

DA02 0-10V Dimming 0.1%¹
DA45 PoE³

DA20 DALI Dimming 0.1%¹

DA21 DALI Dimming 1.0%¹

¹ Not available with 347V.

² Not available in North America.

³ Only available with V4.

L. CEILING TYPE

G1 Grid ceiling¹

H1 Hard ceiling²

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

N. FIXTURE FINISH

FA01 White

FA02 Black Metallic - Textured

FA20 Silver Metallic - Textured

FA25 Gold Metallic - Textured

FA27 Wood grain - Light Cherry¹

FA28 Wood grain - Dark Walnut¹

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

E3 Emergency generator circuit¹

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

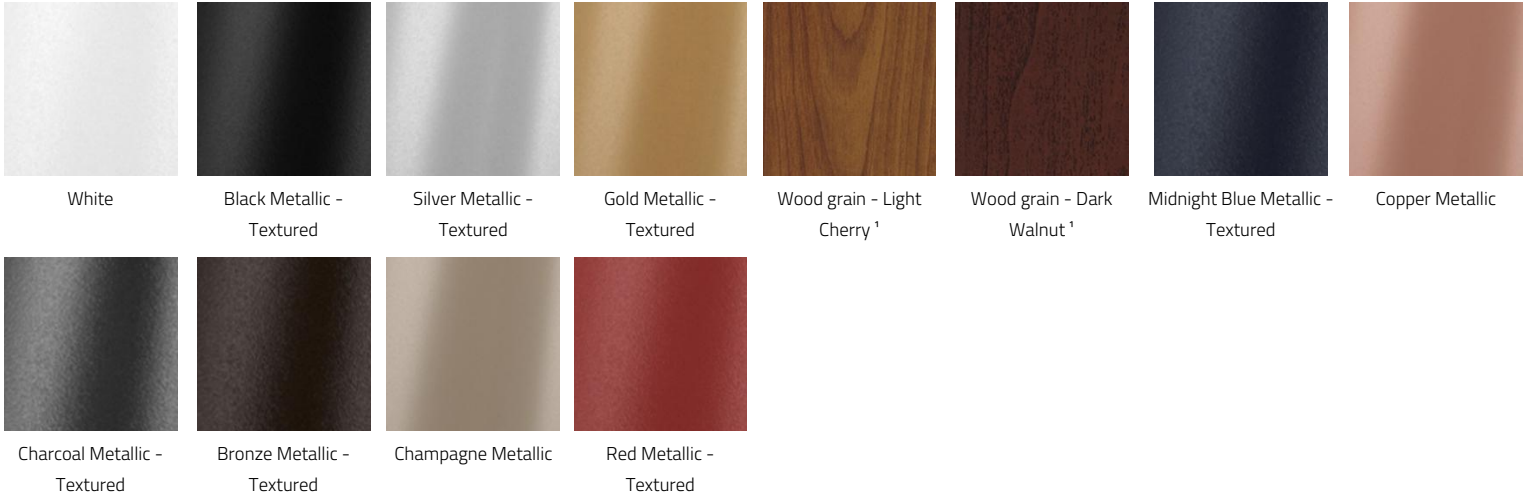
CS2 Dual circuit¹

¹ Independent control of uplight for LELP2P.

R. SENSORS

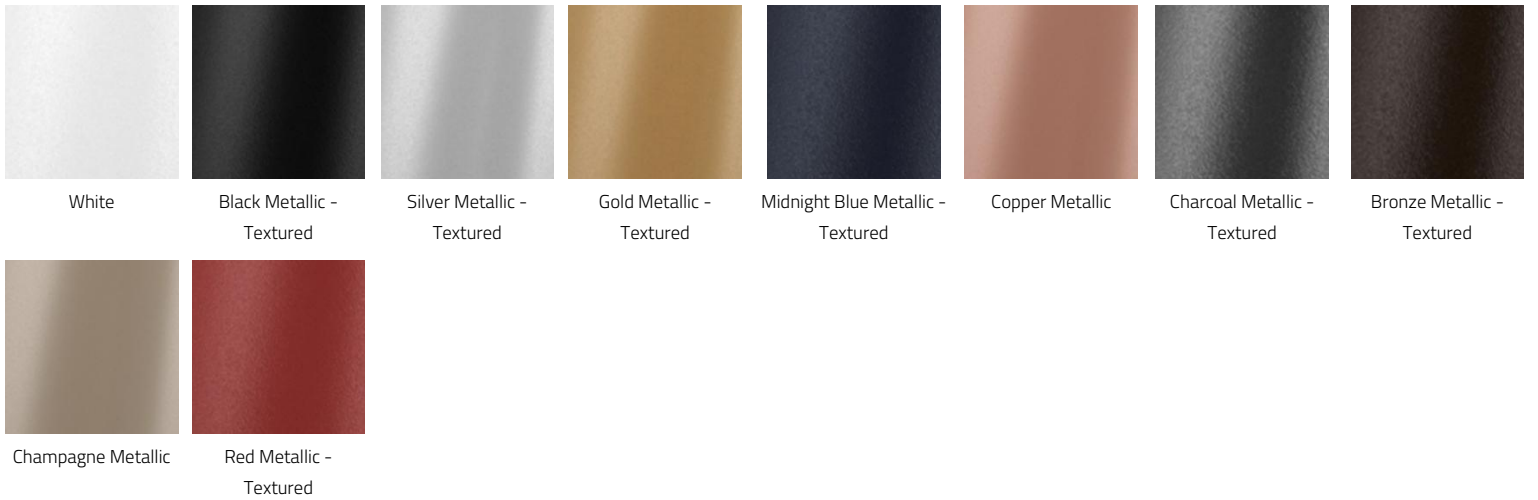
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FINISH



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

CANOPY FINISH



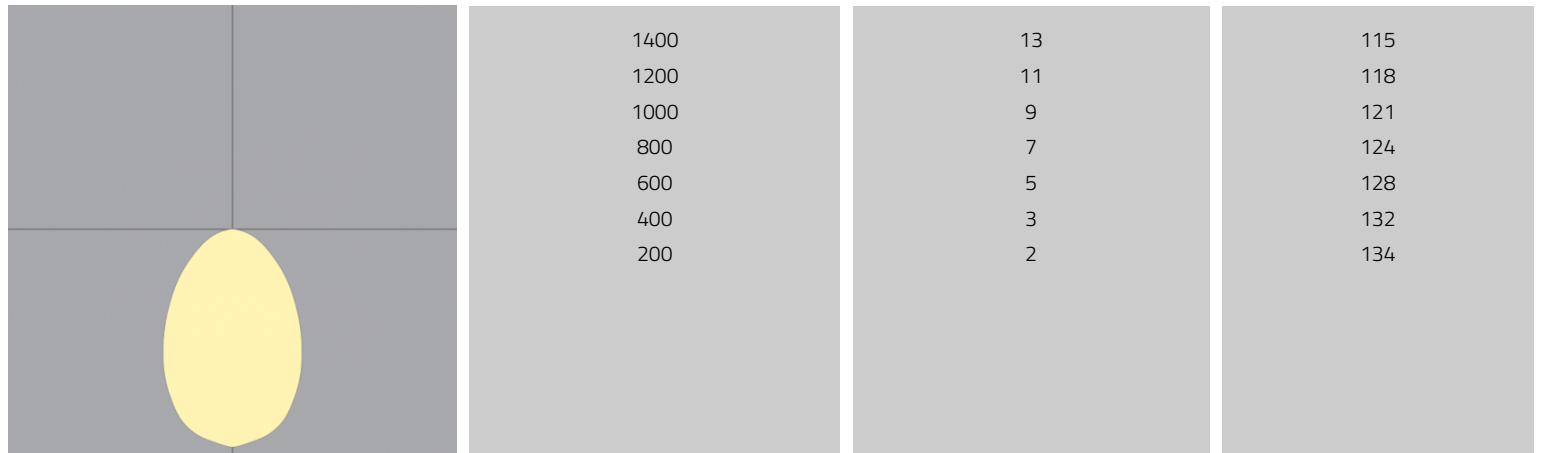
APPROVALS



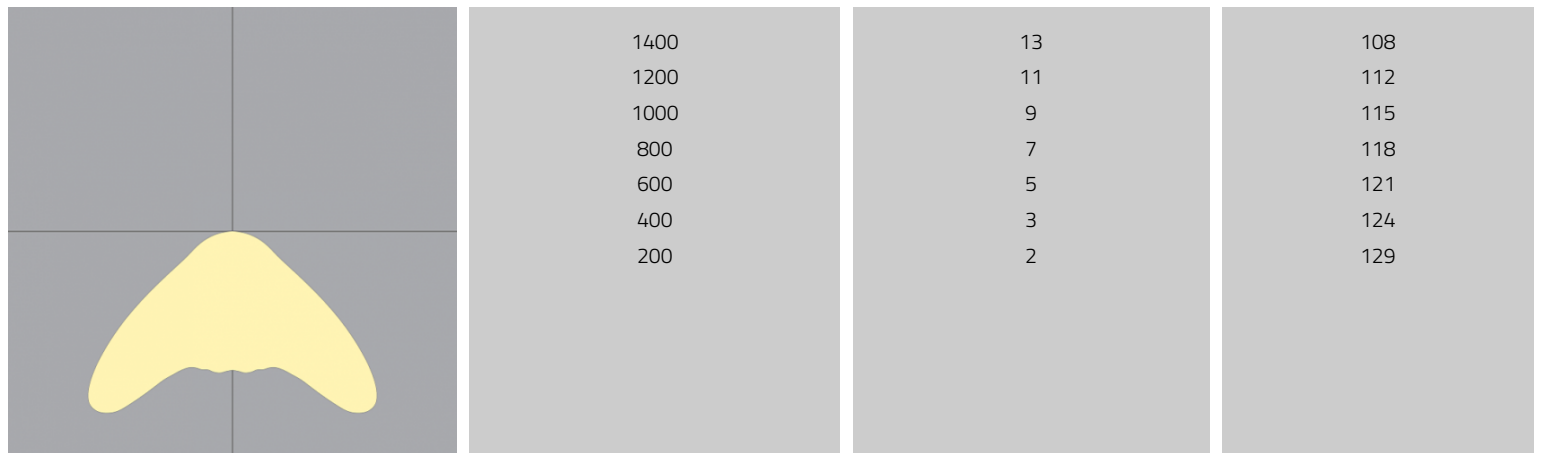
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PERFORMANCE DATA

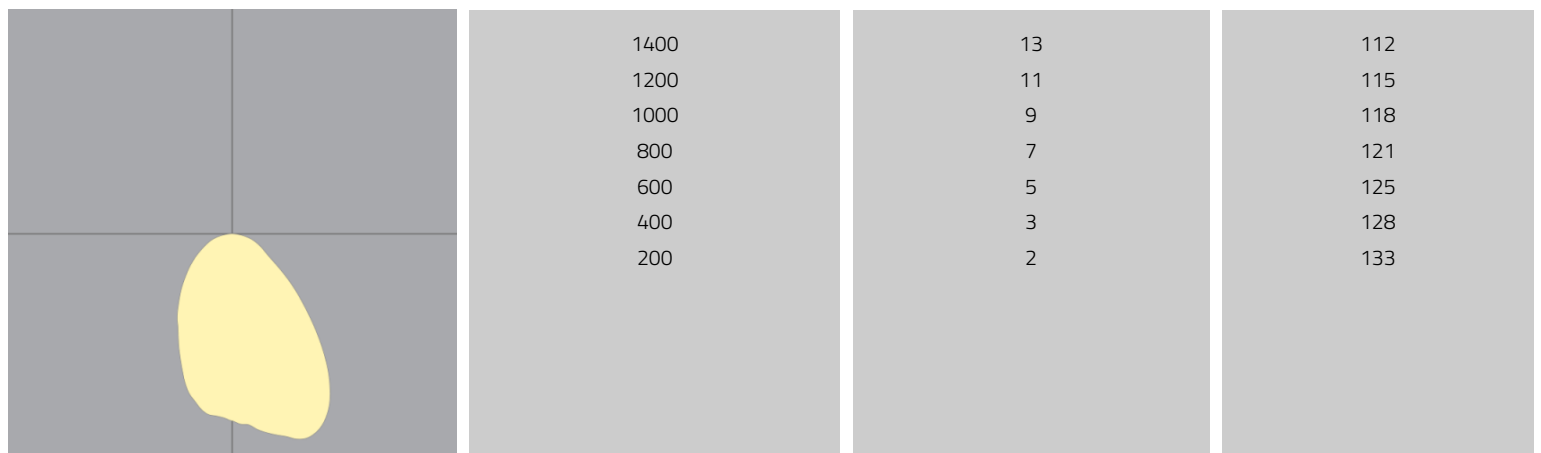
DIRECT DIFFUSED (DD3)



DIRECT BATWING (DD2)

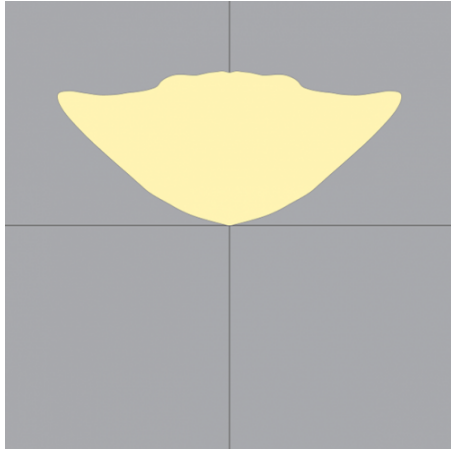


DIRECT ASYMMETRIC (DD1)



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INDIRECT BATWING (UD1)



LUMEN/FT

1650
1400
1200
1000
800
600
400
200

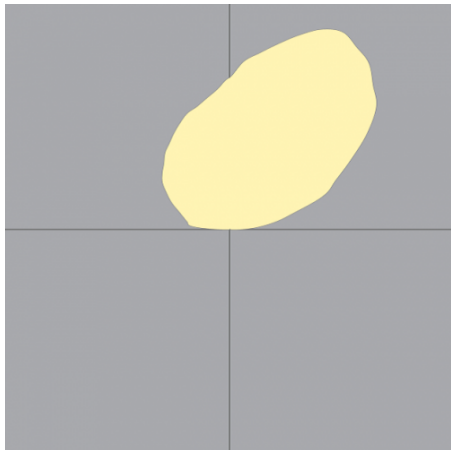
WATT/FT

13
10
9
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

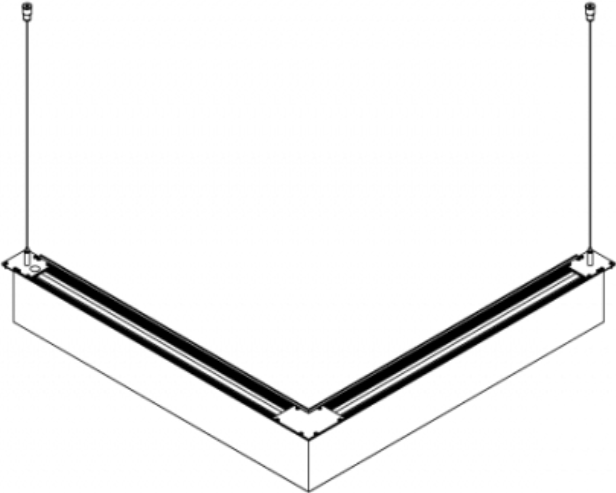
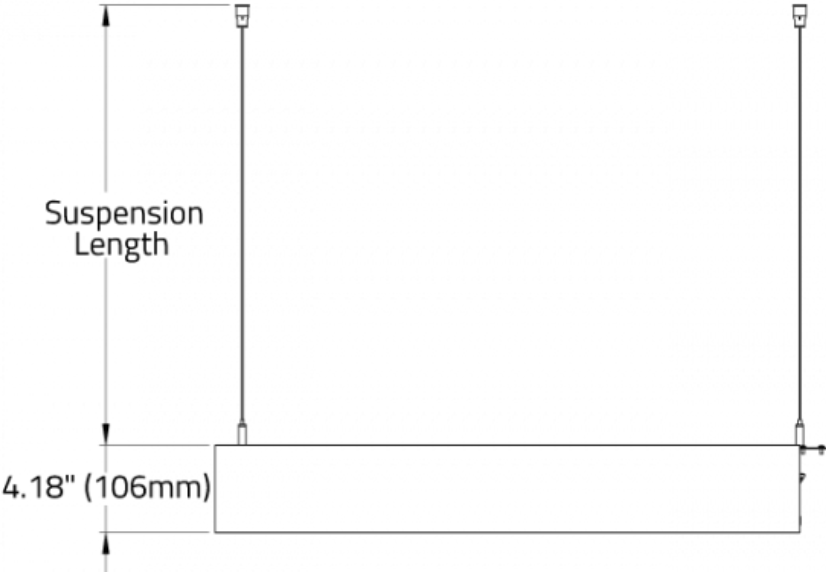
13
10
9
6
4
2

LPW

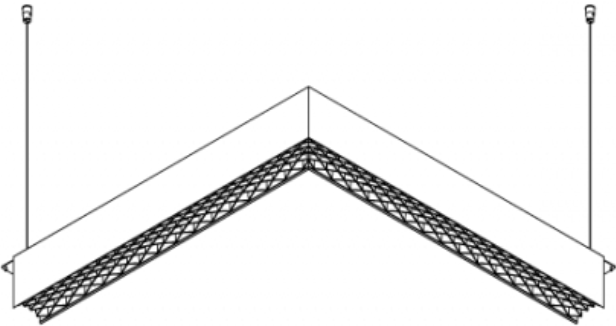
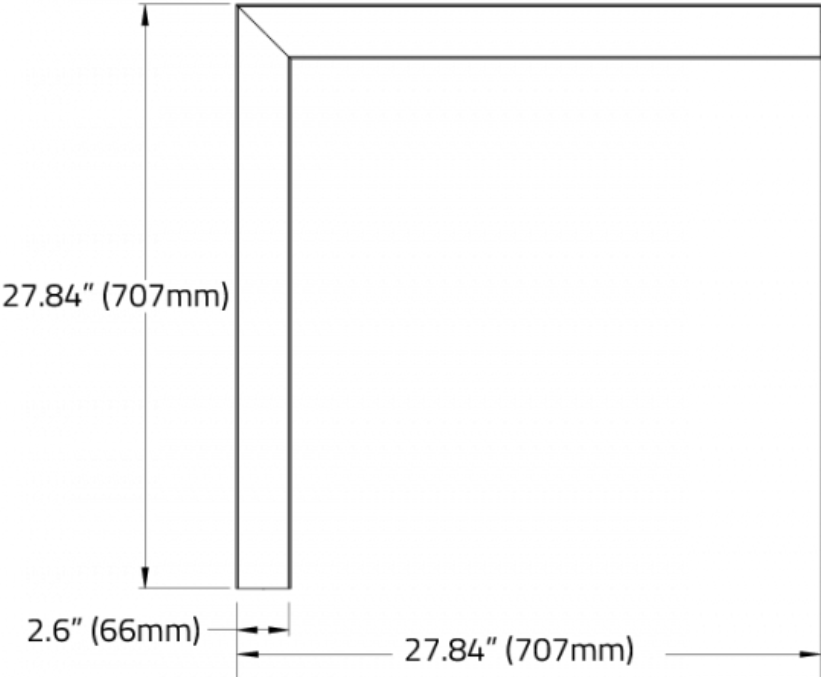
97
100
102
107
109
112

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DIMENSIONAL DIAGRAMS



ISOMETRIC TOP VIEW



ISOMETRIC BOTTOM VIEW