

BLOCK SYSTEMS™ - SUSPENDED

Project Name:

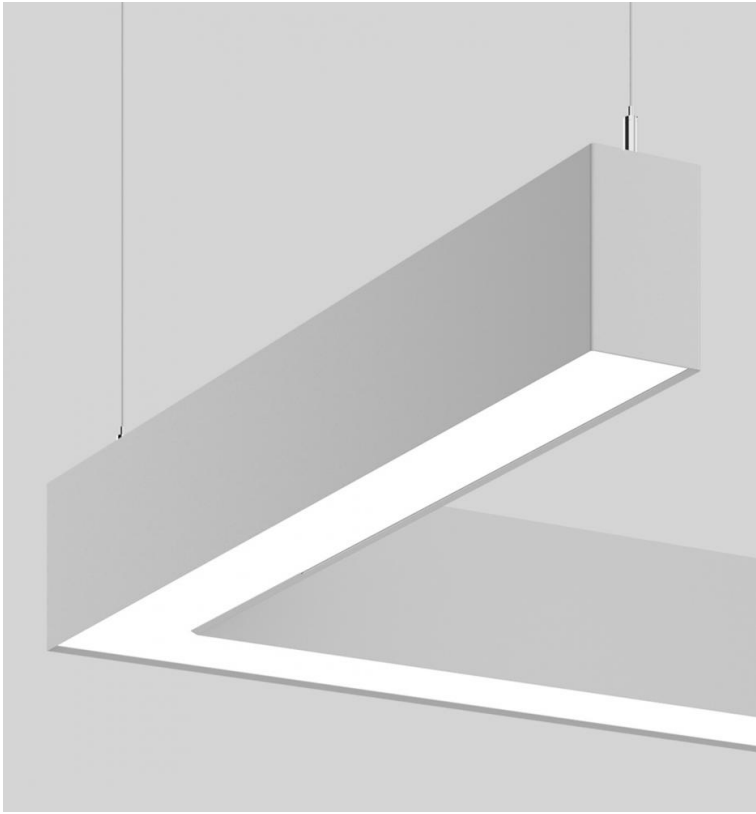
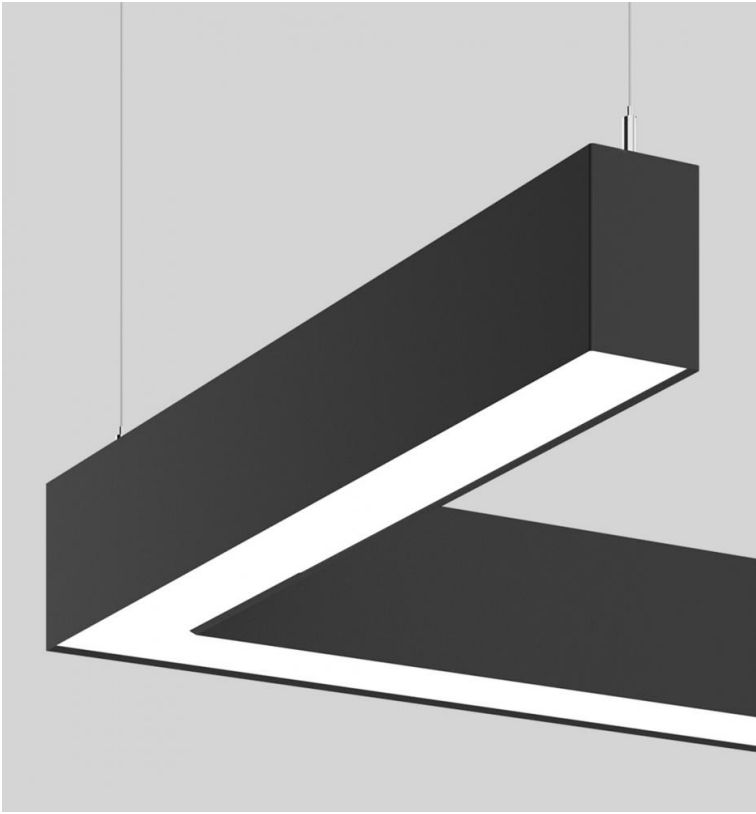
Fixture Type:

Fixture Code:

Quantities:



BLOCK SYSTEMS™ - SUSPENDED



BLOCK SYSTEMS™ - SUSPENDED

BLOCK, while designed in the classic form, is a linear system like no other. It is unique in two magnitudes. Firstly on output, **BLOCK** surpasses the typical levels of output and efficacy. Secondly, **BLOCK** delivers on specification capabilities. Nearly every component has alternatives allowing designers to configure a luminaire designed precisely to the needs of the space - a bona fide architectural system. **BLOCK** is the go-to linear that adapts to a variety of performance needs and budgetary requirements. 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.

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+

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.

Designed by

Serge Cornelissen.

Finish

Powder coated

Power cable

Silver braided.

BIOS

For circadian lighting, consult factory.

Diffuser

Opal acrylic.

Estimated L70 @25°C (77°F)

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

Mechanical

Luminaires mount directly over J box (by others).

Sensors

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

Approvals

Damp Rated.

Design

US Design Patent Pending.

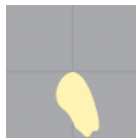
MOUNTING & OPTICS



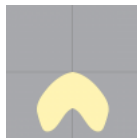
Suspended Direct



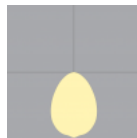
Suspended
Direct/Indirect



Direct DD1



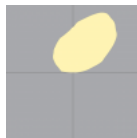
Direct DD2



Direct DD3



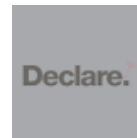
Indirect UD1



Indirect UD3



Bios



Declare



PoE



BLOCK SYSTEMS™ - SUSPENDED

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 SECTIONS - 2FT

BL1PSL02 2ft middle section Direct

BL1PSM02 2ft middle section with power cord Direct

BL1PSN02 2ft section with end cap Direct

BL1PSP02 2ft middle with end cap and power cord Direct

Available as Direct only.

STRAIGHT SECTIONS - 4FT

BL1PSL04 4ft middle section Direct

BL1PSM04 4ft middle section with power cord Direct

BL1PSN04 4ft section with end cap Direct

BL1PSP04 4ft section with end cap and power cord Direct

BL2PSL04 4ft middle section Direct/Indirect

BL2PSM04 4ft middle section with power cord Direct/Indirect

BL2PSN04 4ft section with end cap Direct/Indirect

BL2PSP04 4ft section with end cap and power cord Direct/Indirect

STRAIGHT SECTION 6FT

BL1PSL06 6ft middle section Direct

BL1PSM06 6ft middle section with power cord Direct

BL1PSN06 6ft section with end cap Direct

BL1PSP06 6ft section with end cap and power cord Direct

BL2PSL06 6ft middle section Direct/Indirect

BL2PSM06 6ft middle section with power cord Direct/Indirect

BL2PSN06 6ft section with end cap Direct/Indirect

BL2PSP06 6ft section with end cap and power cord Direct/Indirect

STRAIGHT SECTION 8FT

BL1PSL08 8ft middle section Direct

BL1PSM08 8ft middle section with power cord Direct

BL1PSN08 8ft section with end cap Direct

BL1PSP08 8ft section with end cap and power cord Direct

BL2PSL08 8ft middle section Direct/Indirect

BL2PSM08 8ft middle section with power cord Direct/Indirect

BL2PSN08 8ft section with end cap Direct/Indirect

BL2PSP08 8ft middle section with end cap and power cord Direct/Indirect

STRAIGHT SECTION 10FT

BL1PSL10 10ft middle section Direct

BL1PSM10 10ft middle section with power cord Direct

BL1PSN10 10ft section with end cap Direct

BL1PSP10 10ft section with end cap and power cord Direct

BL2PSL10 10ft middle section Direct/Indirect

BL2PSM10 10ft middle section with power cord Direct/Indirect

BL2PSN10 10ft section with end cap Direct/Indirect

BL2PSP10 10ft section with end cap and power cord Direct/Indirect

STRAIGHT SECTION 12FT

BL1PSL12 12ft middle section Direct

BL1PSM12 12ft middle section with power cord Direct

BL1PSN12 12ft section with end cap Direct

BL1PSP12 12ft section with end cap and power cord Direct

BL2PSL12 12ft middle section Direct/Indirect

BL2PSM12 12ft middle section with power cord Direct/Indirect

BL2PSN12 12ft section with end cap Direct/Indirect

BL2PSP12 12ft section with end cap and power cord Direct/Indirect

CORNER SECTION (28"X28" L SHAPE)

BL1PSL01 Corner with no end caps Direct

BL1PSM01 Corner middle with power cord Direct

BL1PSN01 Corner with Left end cap Direct

BL1PSN03 Corner with Right end cap Direct

BL1PSP01 Corner with Left end cap and power cord Direct

BL1PSP03 Corner with Right end cap and power cord Direct

BL2PSL01 Corner with no end caps Direct/Indirect

BL2PSM01 Corner middle with power cord Direct/Indirect

BL2PSN01 Corner with Left end cap Direct/Indirect

BL2PSN03 Corner with Right end cap Direct/Indirect

BL2PSP01 Corner with Left end cap and power cord Direct/Indirect

BL2PSP03 Corner with Right end cap and power cord Direct/Indirect



BLOCK SYSTEMS™ - SUSPENDED

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	

All data shown based on DD3 diffuser.

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 UD1 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
---	-----------------------------	---

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.

H. UPLIGHT DIFFUSER

UDO 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.

BLOCK SYSTEMS™ - SUSPENDED

K. DIMMING

DA01 0-10V Dimming 1.0%
DA30 DSI/switchDim ²

DA02 0-10V Dimming 0.1% ¹
DA45 PoE ³

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 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.

M. SUSPENSION

HLA03 3ft cable suspension

HLA06 6ft cable suspension

HLA09 9ft cable suspension

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

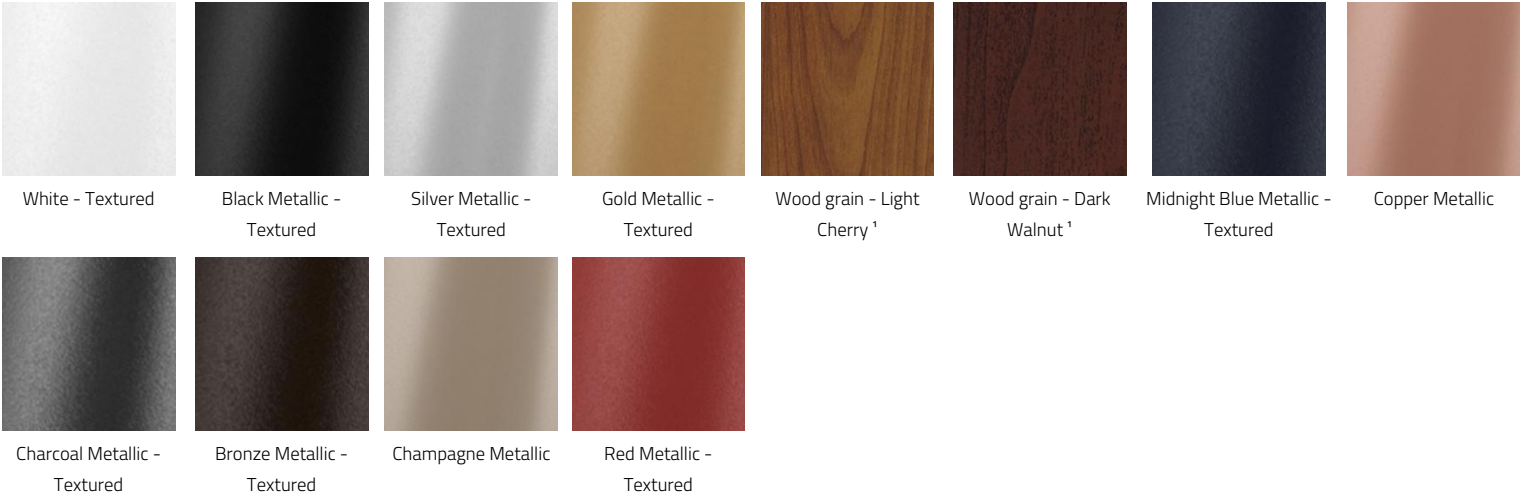
CS1 Single circuit

CS2 Dual circuit ¹

R. SENSORS

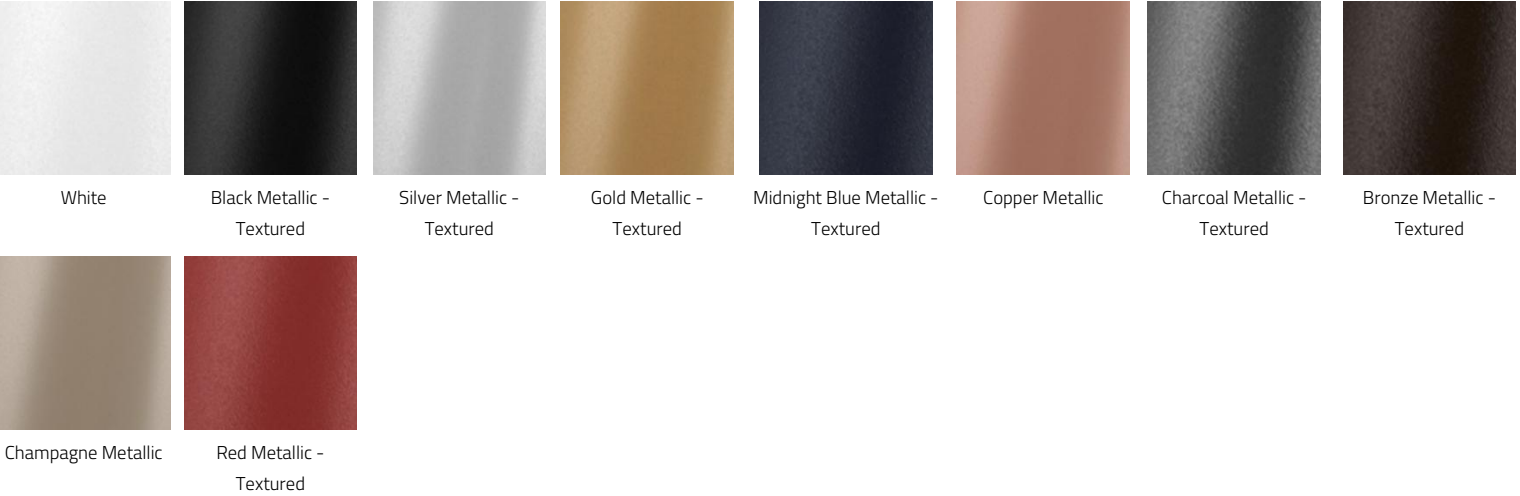
BLOCK SYSTEMS™ - SUSPENDED

FINISH



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

CANOPY FINISH



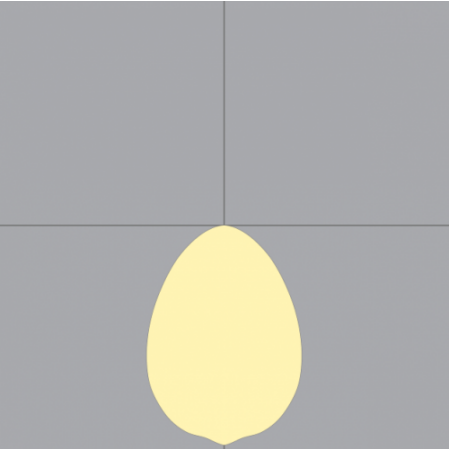
APPROVALS



BLOCK SYSTEMS™ - SUSPENDED

PERFORMANCE DATA

DIRECT DIFFUSED (DD3)

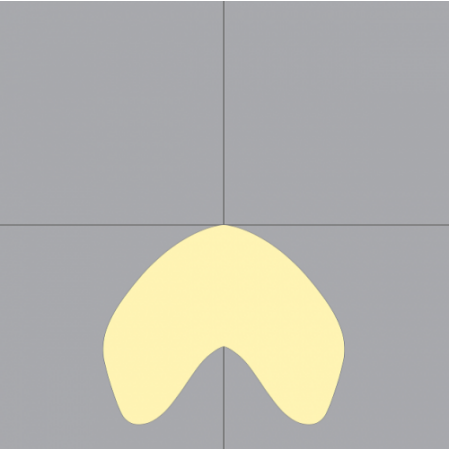


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
116
120
123
126
130
134
136

DIRECT BATWING (DD2)

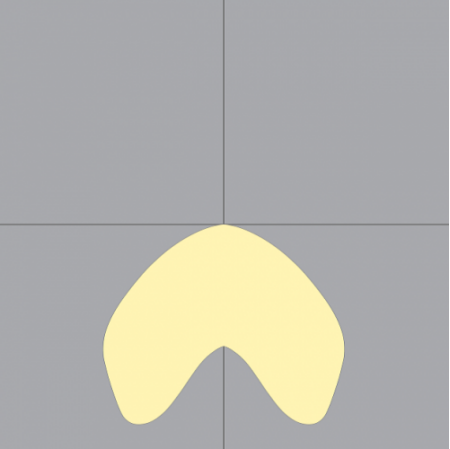


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
116
119
122
125
129
132
138

DIRECT ASYMMETRIC (DD1)



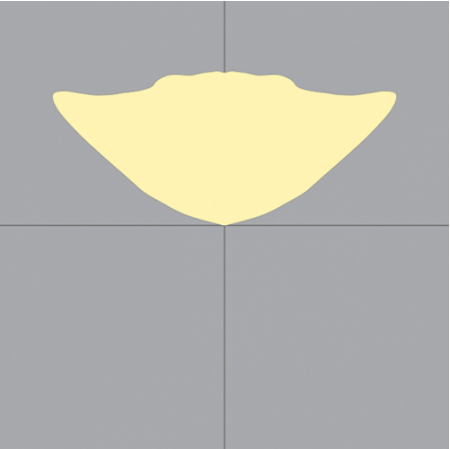
LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
114
118
121
124
128
131
136

BLOCK SYSTEMS™ - SUSPENDED

INDIRECT BATWING (UD1)

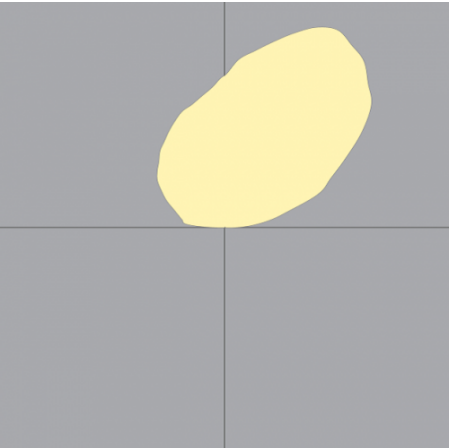


LUMEN/FT
1650
1400
1200
1000
800
600
400
200

WATT/FT
13
10
9
7
6
4
3
1

LPW
133
138
141
145
147
151
154
154

INDIRECT ASYMMETRIC (UD3)



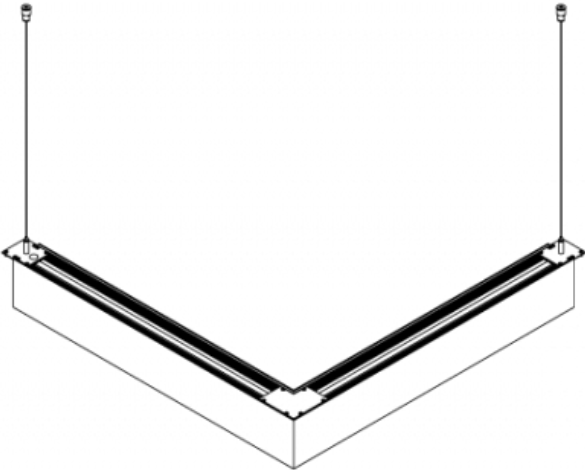
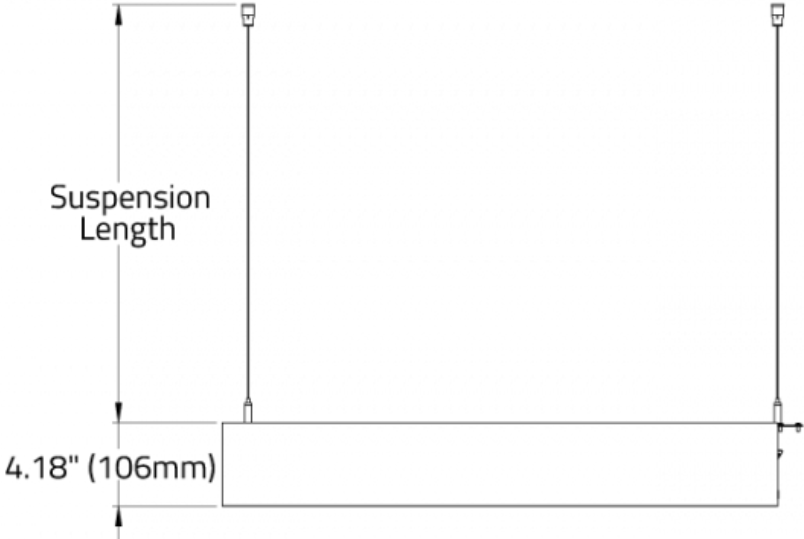
LUMEN/FT
1200
1000
800
600
400
200

WATT/FT
13
10
9
6
4
2

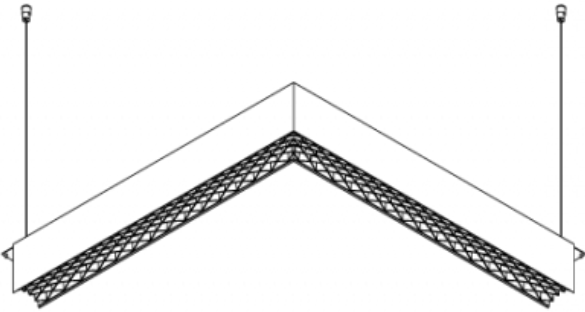
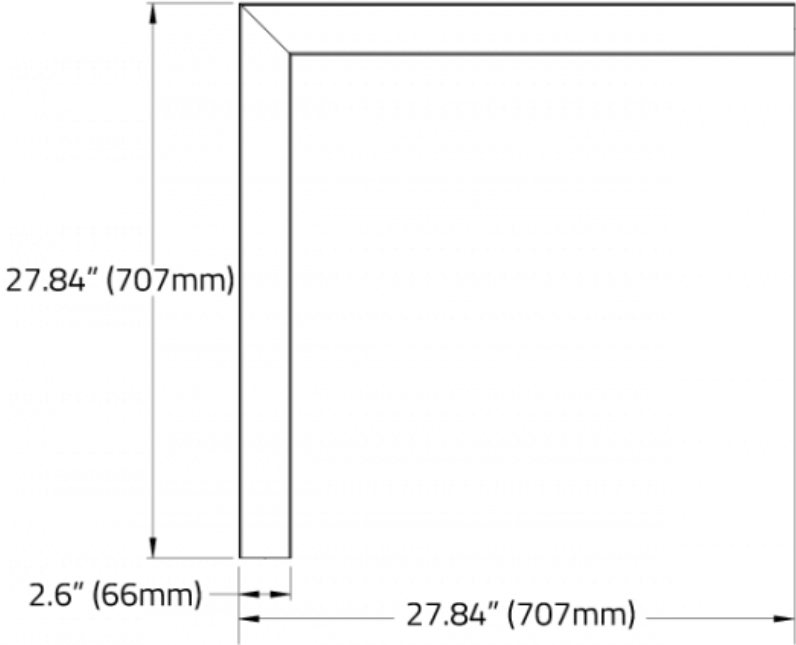
LPW
97
100
102
107
109
112

BLOCK SYSTEMS™ - SUSPENDED

DIMENSIONAL DIAGRAMS



ISOMETRIC TOP VIEW



ISOMETRIC BOTTOM VIEW