

# BLOCK™ (OLD) - CONTINUOUS WALL

Project Name:

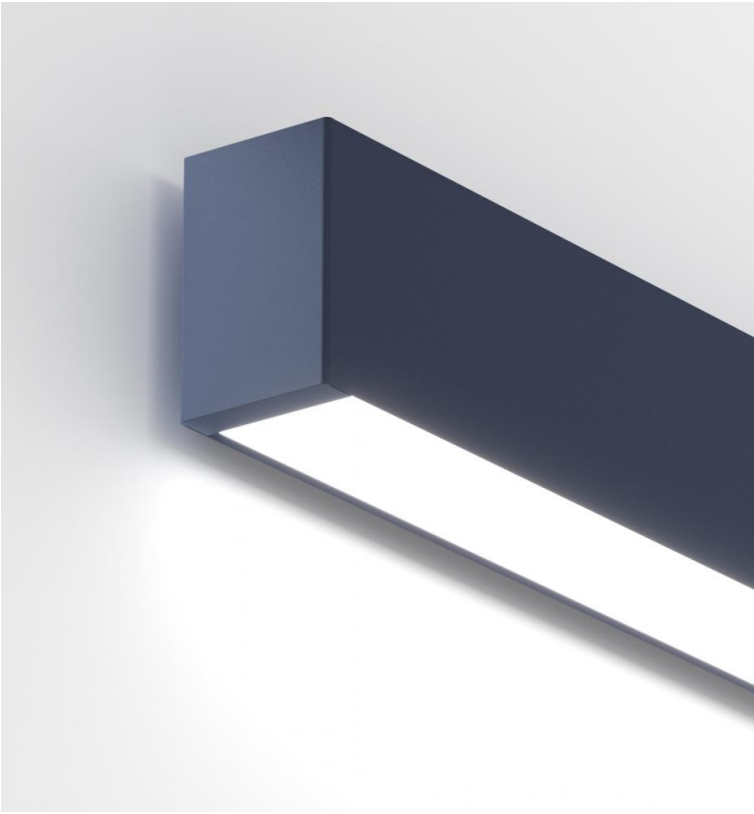
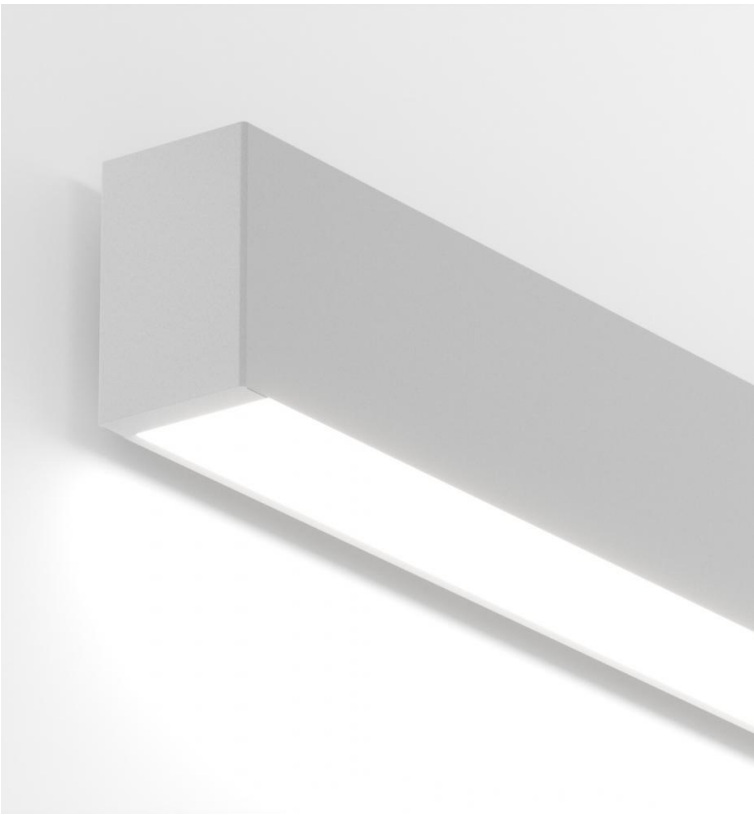
Fixture Type:

Fixture Code:

Quantities:



**BLOCK™ (OLD) - CONTINUOUS WALL**



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**BLOCK**, with its classic architectural form factor, stands as an unwavering workhorse among linear systems. It distinguishes itself on two fronts by setting new benchmarks in both lumen output and efficacy. Embodying precision, **BLOCK** fulfills its specification promises with finesse. Virtually every component offers multiple options, empowering designers to meticulously tailor luminaires to suit the unique demands of any space. **BLOCK** embodies the epitome of an architectural system, an unequivocal choice for those seeking adaptability across a spectrum of performance criteria and budget constraints.

## GENERAL SPECIFICATION

### Body

Aluminum.

### Mechanical

Luminaires mount directly over J box (by others).

### 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.

### PoE

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

### Drivers

HPF electronic drivers for 120-277V, 347 (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)

### Tunable White

Tunable white available, consult factory.

### Design

US Design Patent Pending.

### Finish

Powder coated.

### Diffuser

Opal acrylic.

### Sensors

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

### BIOS

For circadian lighting, consult factory.

### Delivered lumens

Delivered lumens & LPW based on 4000K CRI 80+

### Estimated L70 @25°C (77°F)

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

### Approvals

Damp Rated.

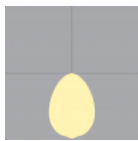
## MOUNTING & OPTICS



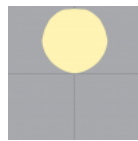
Wall - Direct/Indirect



Direct DD1



Direct DD3



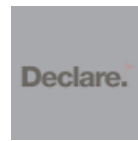
Indirect UD2



Indirect UD3



Bios



Declare



PoE

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## HOW TO ORDER

### A. LUMINAIRE

**BLFW1W** Direct

**BLFW2W** Direct/Indirect

One power cord every 15.3 linear meters.

### B. LENGTH OF RUN

**SFA** \_ \_ \_ \_

Minimum length to order is 4ft and orders to be in 2ft increments.

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](mailto: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<sup>1</sup>

### 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<sup>1</sup>

**DD3** Diffused

<sup>1</sup> The asymmetric diffuser will direct light away from the wall.

### J. UPLIGHT DIFFUSER

**UD0** Not required

**UD2** Opal diffuser

**UD3** Asymmetric<sup>1</sup>

<sup>1</sup> 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 <sup>1</sup>

<sup>1</sup> Available on a per foot basis. May be required to prevent lighting up of duct work in loft type applications.

## L. VOLTAGE

**V1** 120/277V

**V2** 240V <sup>1</sup>

**V3** 347V <sup>2</sup>

**V4** Low Voltage <sup>3</sup>

<sup>1</sup> Not available in North America.

<sup>2</sup> Only available with DA01 dimming.

<sup>3</sup> Only available with DA45 dimming.

## M. DIMMING

**DA01** 0-10V Dimming 1.0%

**DA02** 0-10V Dimming 0.1% <sup>1</sup>

**DA20** DALI Dimming 0.1% <sup>1</sup>

**DA21** DALI Dimming 1.0% <sup>1</sup>

**DA30** DSI/switchDim <sup>2</sup>

**DA45** PoE <sup>3</sup>

<sup>1</sup> Not available with V3.

<sup>2</sup> Not available in North America.

<sup>3</sup> 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 <sup>1</sup>

**FA28** Wood grain - Dark Walnut <sup>1</sup>

**FA44** Midnight Blue Metallic - Textured

**FA45** Copper Metallic

**FA46** Charcoal Metallic - Textured

**FA47** Bronze Metallic - Textured

**FA52** Champagne Metallic

**FA53** Red Metallic - Textured

<sup>1</sup> Longer than normal lead times may apply, consult factory.

## O. QUANTITY OF EMERGENCY SECTIONS

**E0** Not required

**E1** Emergency system - Integral <sup>1</sup>

**E3** Emergency generated circuit - Remote <sup>1</sup>

<sup>1</sup> Specify quantity of emergency sections or emergency generator circuits required based off total length of run. <sup>1</sup> Available upon request, consult factory for details. Not available with 347V.

Note: a drawing will be required at time of ordering to determine the required location of the emergency sections or generator circuits.

## P. CIRCUITS

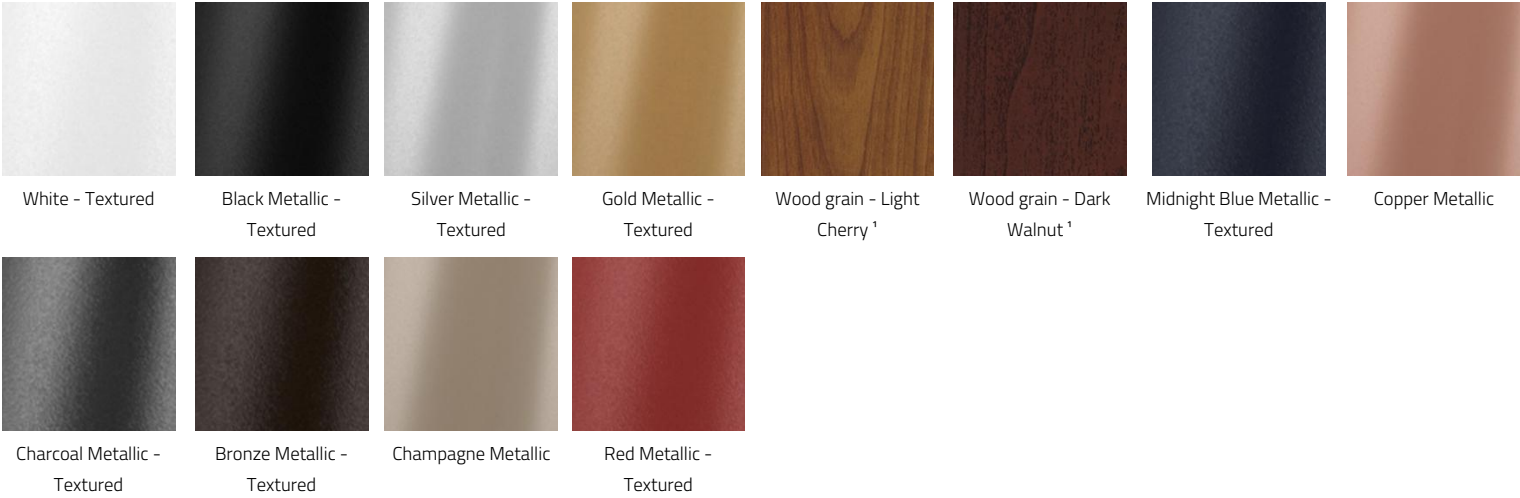
**CS1** Single circuit

**CS2** Dual circuit <sup>1</sup>

## Q. SENSORS

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## FIXTURE FINISH



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

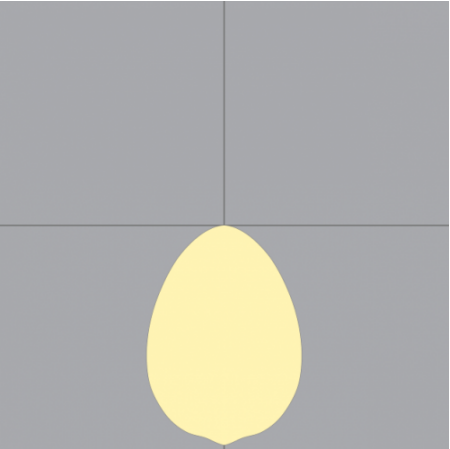
## APPROVALS



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## PERFORMANCE DATA

### DIRECT DIFFUSED (DD3)

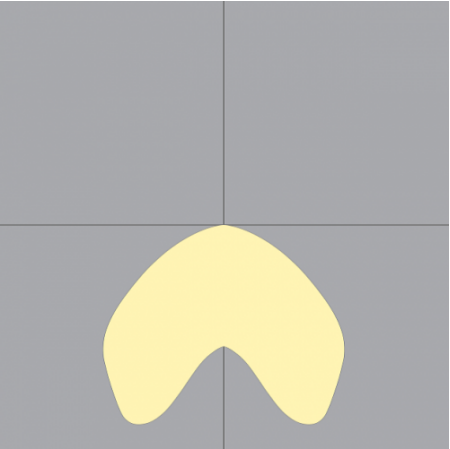


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
116
120
123
126
130
134
136

### DIRECT BATWING (DD2)

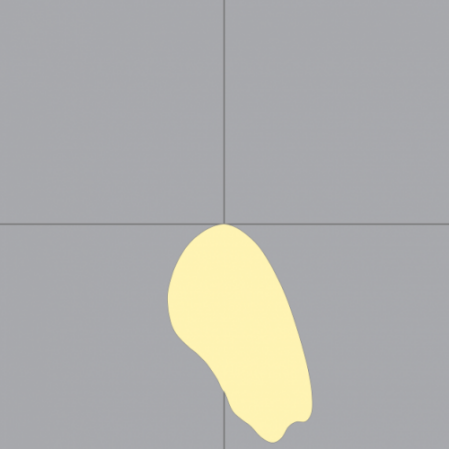


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
116
119
122
125
129
132
138

### DIRECT ASYMMETRIC (DD1)



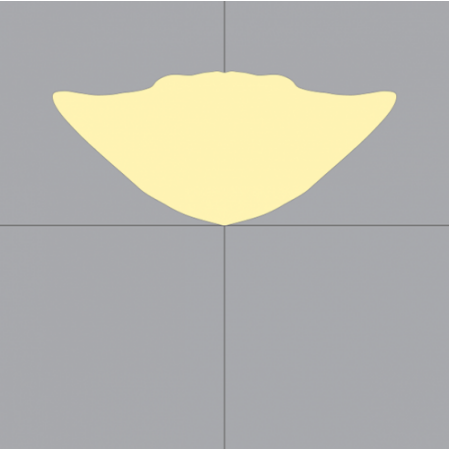
LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
114
118
121
124
128
131
136

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## INDIRECT BATWING (UD1)

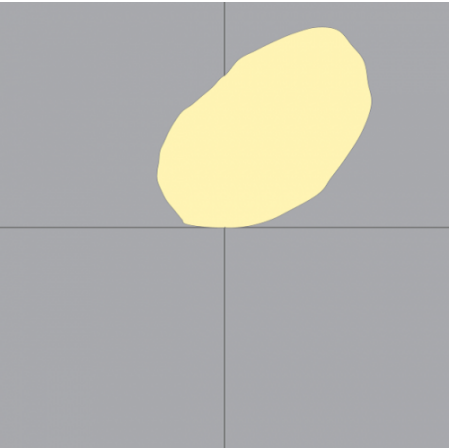


LUMEN/FT
1650
1400
1200
1000
800
600
400
200

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

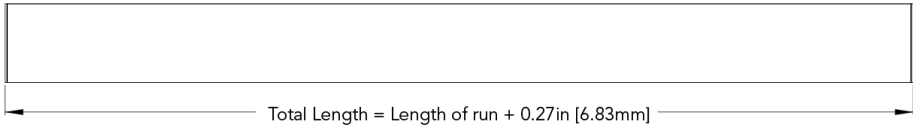
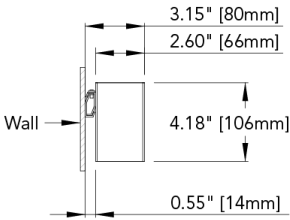
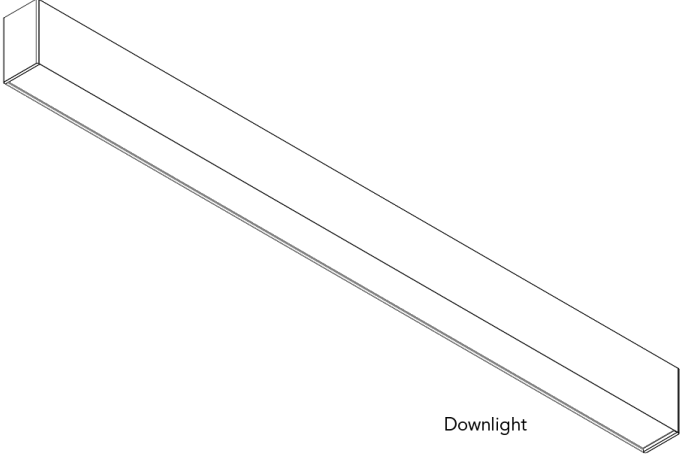
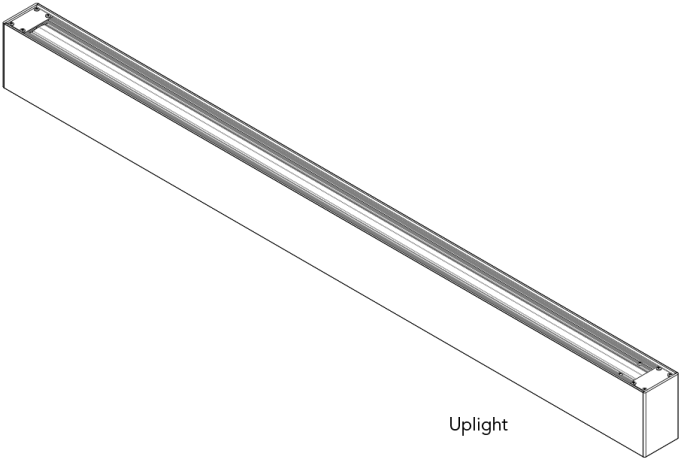
LPW
97
100
102
107
109
112



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## DIMENSIONAL DIAGRAMS

### Isometric Views



Top View [Uplight]

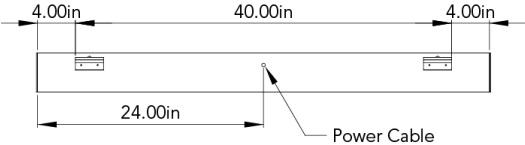


Bottom View [Downlight]

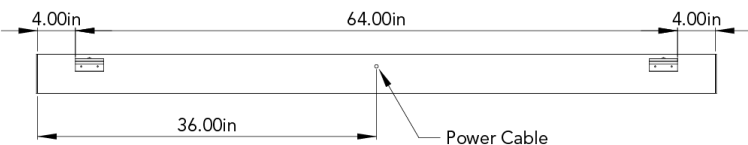
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## Wall Mount Configurations

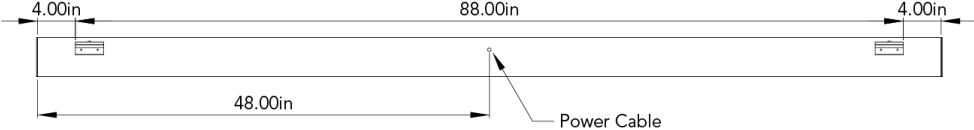
### 4FT



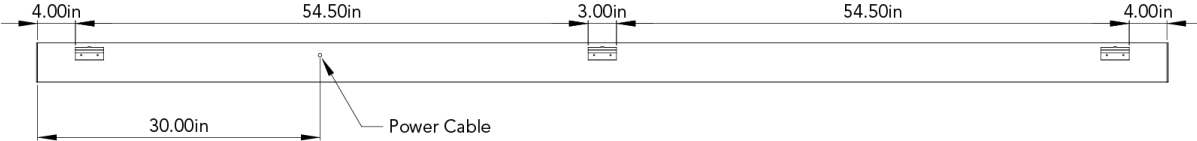
### 6FT



### 8FT



### 10FT



### 12FT

