

BLOCK™ - CONTINUOUS WALL

Project Name:

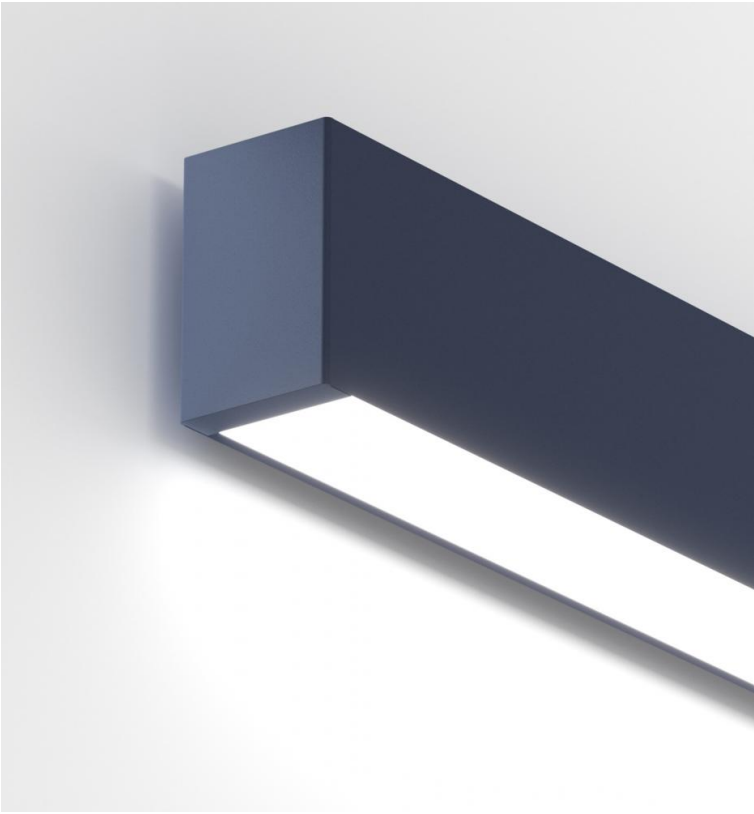
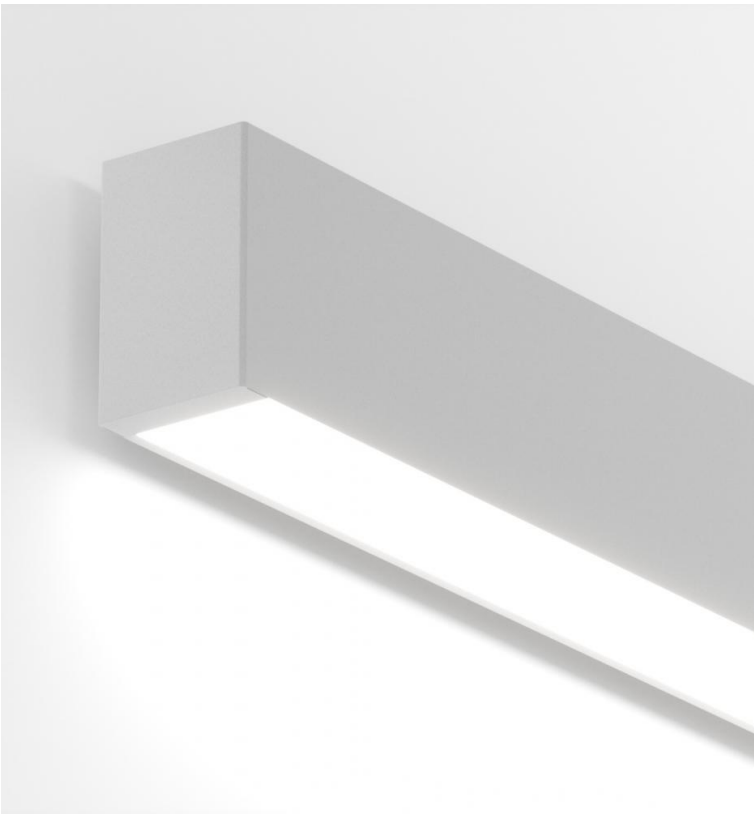
Fixture Type:

Fixture Code:

Quantities:



BLOCK™ - 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.

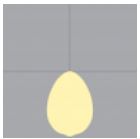
MOUNTING & OPTICS



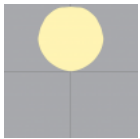
Wall - up/down



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.

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/ft¹

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 diffuser¹

DD3 Diffused Light Diffuser

¹ The asymmetric diffuser will direct light away from the wall.

J. UPLIGHT DIFFUSER

UD0 Not required

UD2 Opal diffuser

UD3 Asymmetric diffuser¹

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 type 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 **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. QUANTITY OF EMERGENCY SECTIONS

E0 Not required **E1** Emergency system - Integral **E3** Emergency generated circuit - Remote ¹

¹ Specify quantity of emergency sections or emergency generator circuits required based off total length of run. ¹ 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.

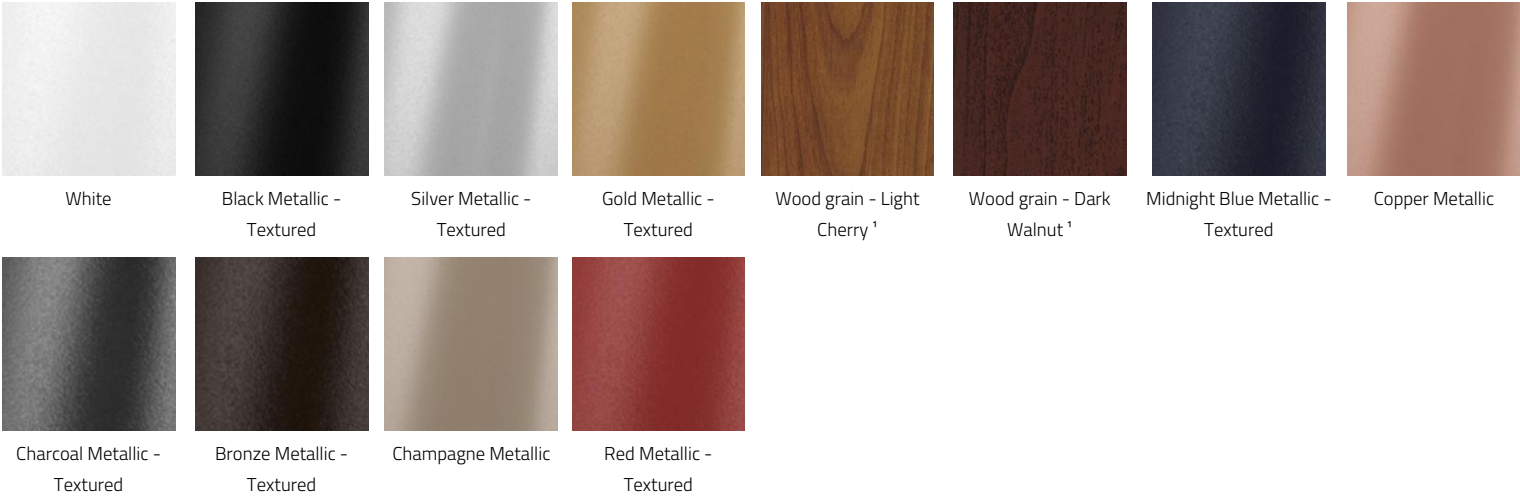
P. CIRCUITS

CS1 Single circuit **CS2** Dual circuit ¹

Q. SENSORS

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FIXTURE FINISH



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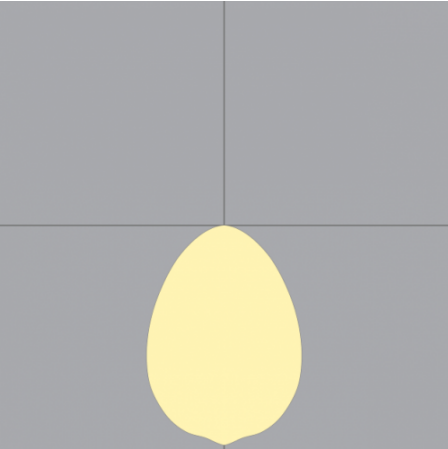
APPROVALS



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PERFORMANCE DATA

DIRECT DIFFUSED (DD3)

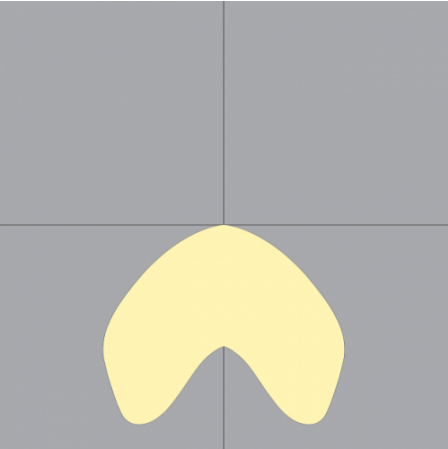


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
116
120
123
126
130
134
136

DIRECT BATWING (DD2)

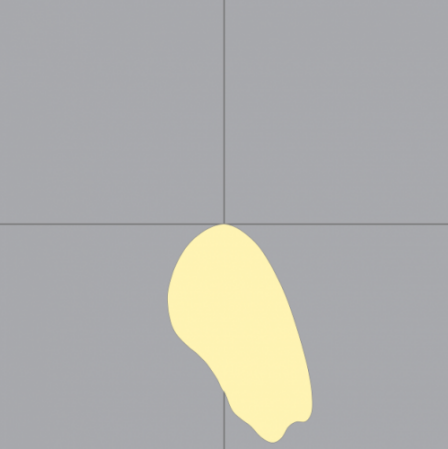


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
116
119
122
125
129
132
138

DIRECT ASYMMETRIC (DD1)



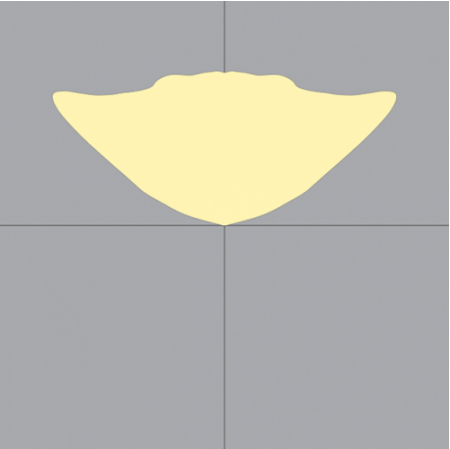
LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
114
118
121
124
128
131
136

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INDIRECT BATWING (UD1)

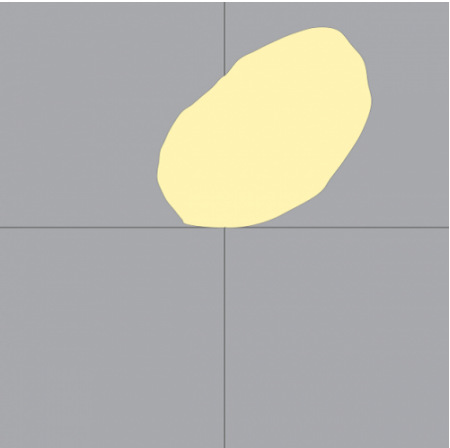


LUMEN/FT
1650
1400
1200
1000
800
600
400
200

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

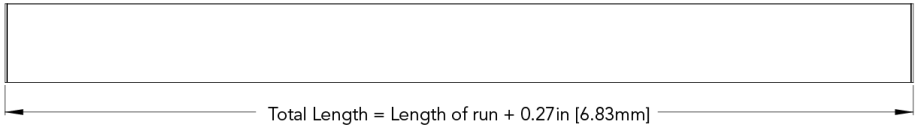
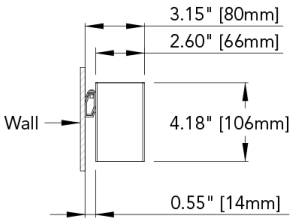
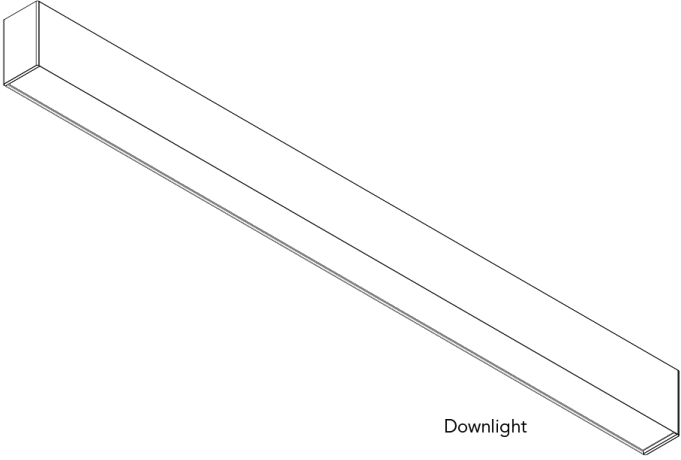
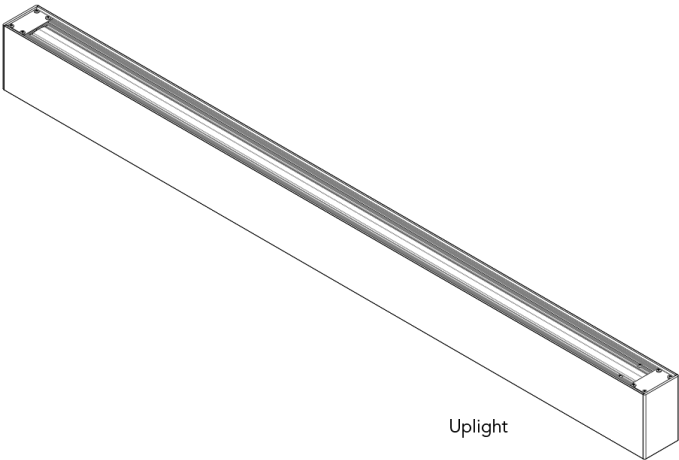
WATT/FT
13
10
9
6
4
2

LPW
97
100
102
107
109
112

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DIMENSIONAL DIAGRAMS

Isometric Views



Top View [Uplight]

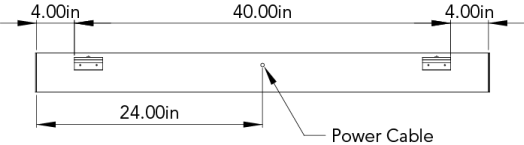


Bottom View [Downlight]

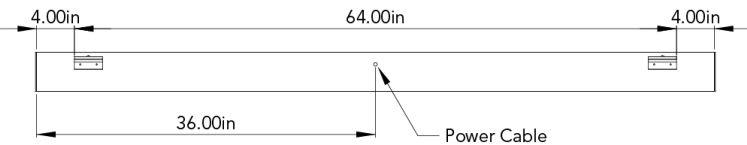
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Wall Mount Configurations

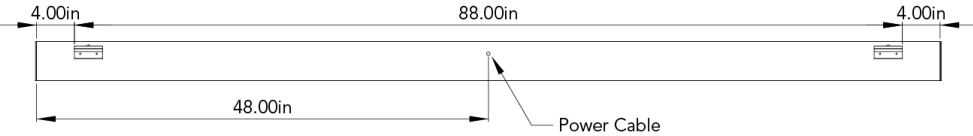
4FT



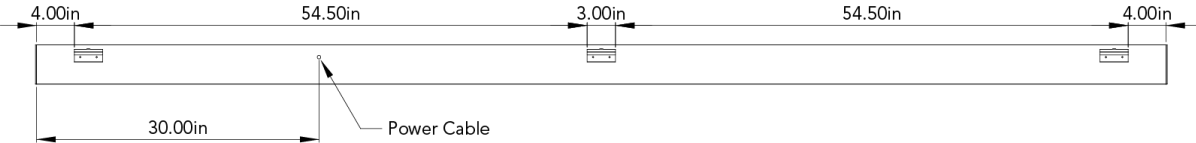
6FT



8FT



10FT



12FT

