

BLOCK™ (OLD) - CONTINUOUS

Project Name:

Fixture Type:

Fixture Code:

Quantities:



BLOCK™ (OLD) - CONTINUOUS



BLOCK™ (OLD) - CONTINUOUS

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.

Suspension

Steel cables.

Drivers

HPF electronic drivers for 120-277V, 347 (EU-240V). The driver is integral to the fixture housing.

PoE

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

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.

Design

US Design Patent Pending.

Finish

Powder coated.

Power cable

Silver braided.

Diffuser

Opal acrylic.

BIOS

For circadian lighting, consult factory.

Estimated L70 @25°C (77°F)

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

Mechanical

Luminaires mount directly over J box (by others).

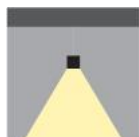
Sensors

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

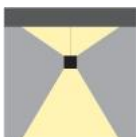
Approvals

Damp Rated.

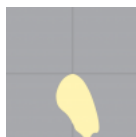
MOUNTING & OPTICS



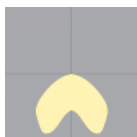
Suspended Direct



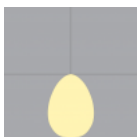
Suspended Direct/Indirect



Direct DD1



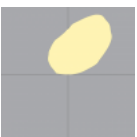
Direct DD2



Direct DD3



Indirect UD1



Indirect UD3



Bios



Declare



PoE



BLOCK™ (OLD) - CONTINUOUS

HOW TO ORDER

A. LUMINAIRE

BLFP1P Direct

BLFP2P Direct/Indirect

One power cord for every 50 linear ft.

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 ¹

LPG165 1650 lm/ft ¹

¹ Available with UD1 (clear diffuser) only.

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 ¹

DD2 Batwing Diffuser

DD3 Diffused

¹ 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.

BLOCK™ (OLD) - CONTINUOUS

J. UPLIGHT DIFFUSER

UD0 Not required

UD1 Batwing

UD3 Asymmetric ¹

¹ Available up to 1200 lm/ft.

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. 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.

O. SUSPENSION

HLA03 3ft cable suspension

HLA06 6ft cable suspension

HLA09 9ft cable suspension

* Note: Special order available on lengths over 13ft and may be subject to longer lead times, consult factory.

P. 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.

Q. CANOPY FINISH

CF01 White - Textured

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



BLOCK™ (OLD) - CONTINUOUS

R. QUANTITY OF EMERGENCY SECTIONS

- E0** Not required
- E1** Emergency system - Integral ¹
- 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.

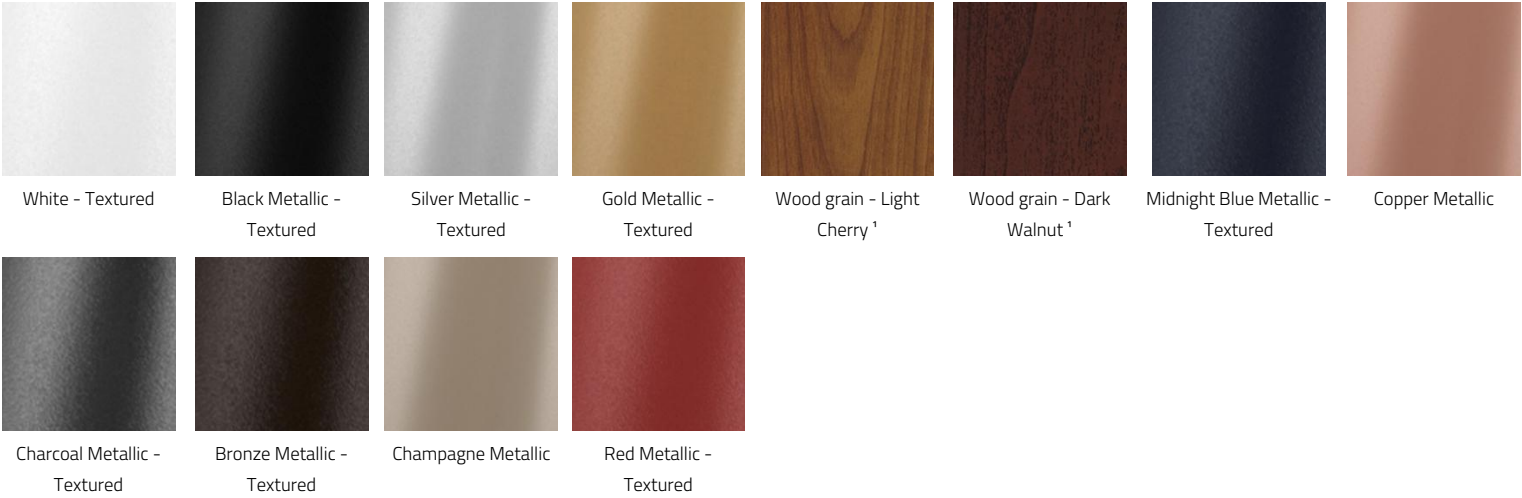
S. CIRCUITS

- CS1** Single circuit
- CS2** Dual circuit ¹

T. SENSORS

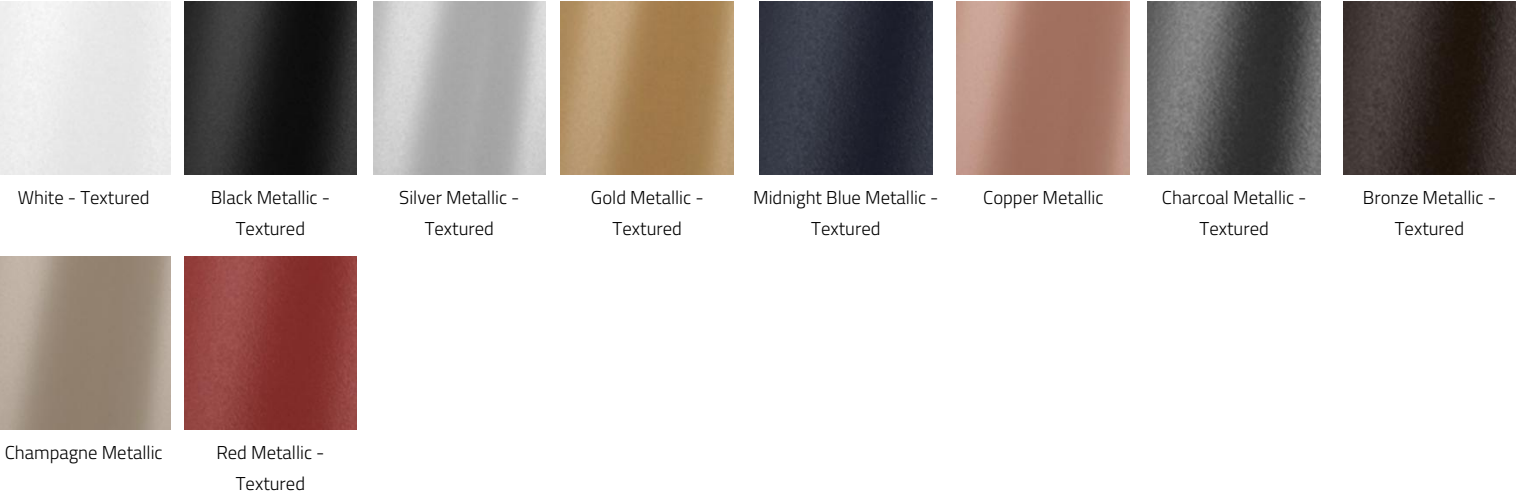
BLOCK™ (OLD) - CONTINUOUS

FIXTURE FINISH



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

CANOPY FINISH



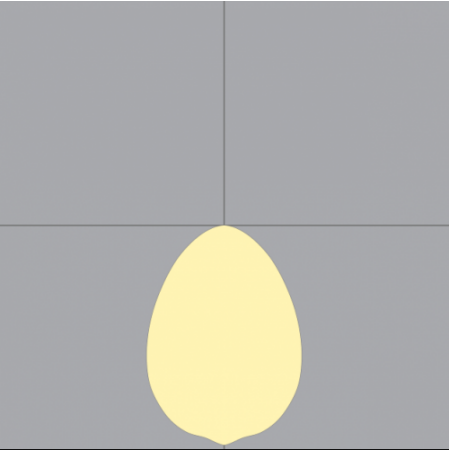
APPROVALS



BLOCK™ (OLD) - CONTINUOUS

PERFORMANCE DATA

DIRECT DIFFUSED (DD3)

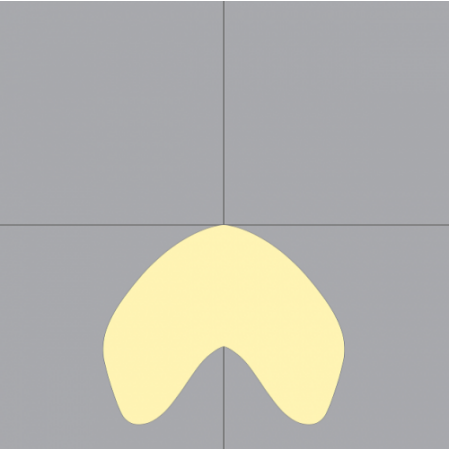


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
116
120
123
126
130
134
136

DIRECT BATWING (DD2)

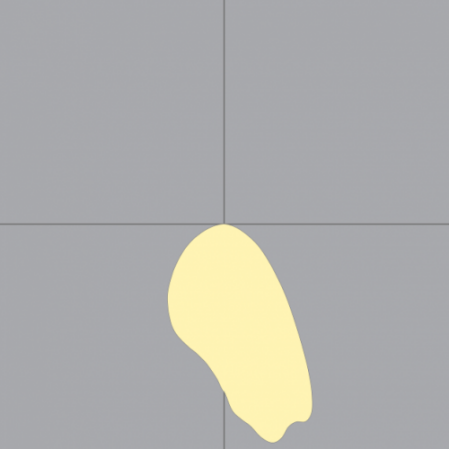


LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
116
119
122
125
129
132
138

DIRECT ASYMMETRIC (DD1)



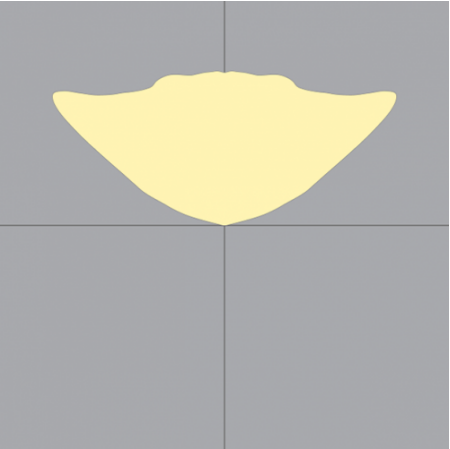
LUMEN/FT
1400
1200
1000
800
600
400
200

WATT/FT
13
11
9
7
5
3
2

LPW
114
118
121
124
128
131
136

BLOCK™ (OLD) - CONTINUOUS

INDIRECT BATWING (UD1)

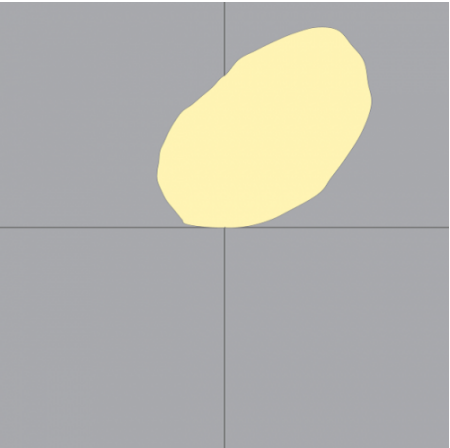


LUMEN/FT
1650
1400
1200
1000
800
600
400
200

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

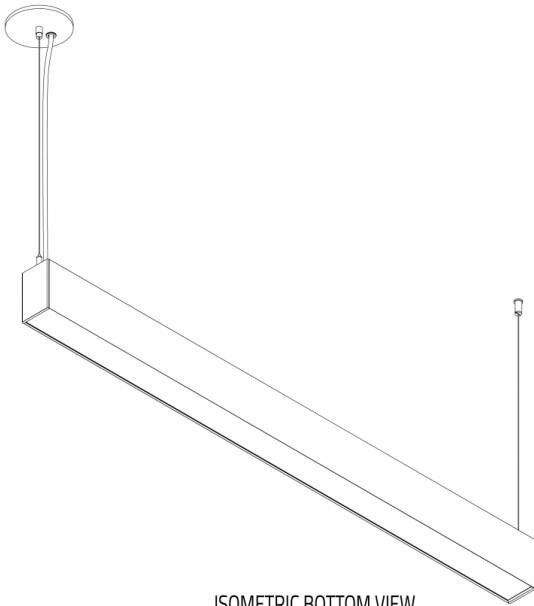
LPW
97
100
102
107
109
112

BLOCK™ (OLD) - CONTINUOUS

DIMENSIONAL DIAGRAMS



ISOMETRIC TOP VIEW



ISOMETRIC BOTTOM VIEW

Top View
(Asymmetric Light Direction)

