

BOGGLE™ - CONTINUOUS

Project Name:

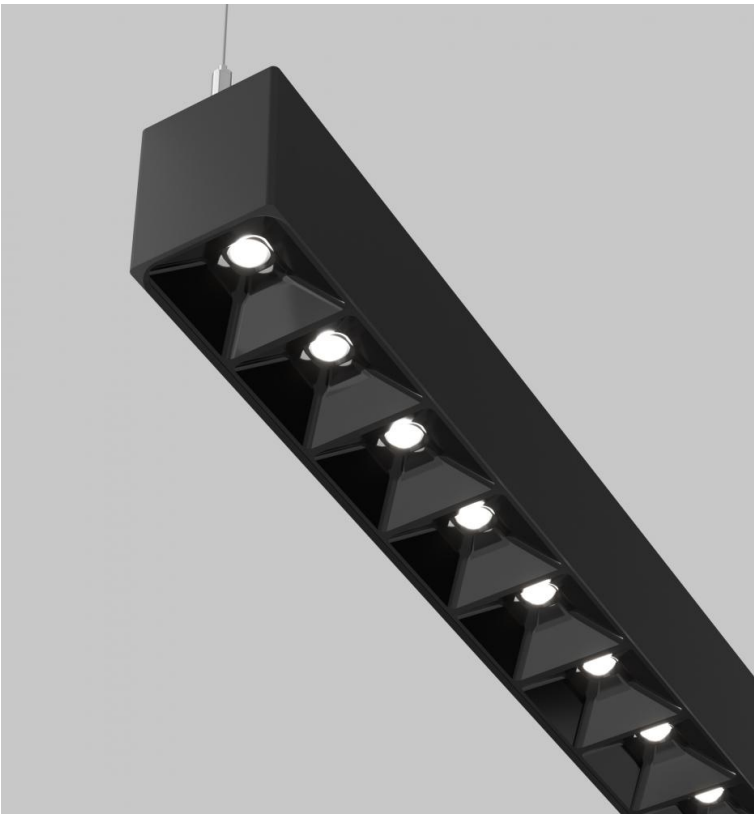
Fixture Type:

Fixture Code:

Quantities:



BOGGLE™ - CONTINUOUS



BOGGLE™ - CONTINUOUS

BOGGLE brings brains and brawn to professional lighting. Miniature downlights assemble into a linear cluster to provide optimum performance with superior optical definition, a 60° cutoff angle, better light efficiency and color rendering, and glare-reducing baffles. Improved color rendering balance, color temperature tunability, and a Unified Glare Rating below 9 make **BOGGLE** especially suitable for workspaces. The curved baffles in black or white present a tailored aesthetic that adds sophistication to the space.

GENERAL SPECIFICATION

Body

Aluminum.

Suspension

Steel cables.

Tunable White

Provides the ability to change the color appearance of light from warm to neutral to cool, to adapt to the needs of the occupant throughout the course of the day.

Drivers

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

Reported L70 @25°C (77°F)

>108000 hrs @2400 lms/ft (7900 lm/m)

Delivered lumens

Delivered lumens & LPW based on 4000K CRI 90+

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.

Approvals

Damp Rated.

Finish

Powder coated.

Power cable

Silver braided.

PoE

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

Baffle

Black or White acrylic. Gloss and Matte finishes.

Estimated L70 @25°C (77°F)

>196000 hrs @2400 lms/ft (7900 lm/m)

Mechanical

Luminaires mount directly over J box (by others).

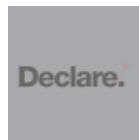
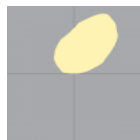
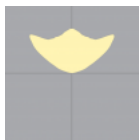
Sensors

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

Design

US Design Patent Pending.

MOUNTING & OPTICS



Suspended Direct

Suspended Direct/Indirect

Direct

Indirect UD1

Indirect UD3

Declare

PoE

Tunable White



BOGGLE™ - CONTINUOUS

HOW TO ORDER

A. LUMINAIRE

BGGL1P Direct

BGGL2P Direct/Indirect

One power cord for every 50 linear feet.

B. LENGTH OF RUN

SFA _ _ _ _

Order in 2ft increments.

For runs over 50ft in length, consult factory.

C. MAX LENGTH PER SECTION

SL02 2ft¹

SL04 4ft

SL06 6ft

SL08 8ft

SL10 10ft

SL12 12ft

¹ Consult factory if a 2ft length is required.

* 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 4x 10ft segments. For special requirements, please contact sales@betacalco.com.

D. DIRECT BAFFLE

BL1 White Baffle (Gloss)

BL2 Black Baffle (Gloss)

BL3 White Baffle (Matte)

BL4 Black Baffle (Matte)

Data shown based on max values, consult Performance Data download for more details.

E. LM/FT (DIRECT)

LPF020 200 lm/ft

LPF040 400 lm/ft

LPF060 600 lm/ft

LPF080 800 lm/ft

LPF100 1000 lm/ft

F. 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/ft¹

¹ Not available with CTA60 (Tunable white).

G. CRI

CR90 CRI 90+

H. CCT (DIRECT)

CTA27 2700K

CTA30 3000K

CTA35 3500K

CTA40 4000K

CTA60 Tunable White¹

¹ Two power cords required when ordering dual circuit and tunable white Direct. When ordering Direct/Indirect, Tunable white is available for Direct only. Tunable White is available with 0-10V dimming options only. Consult factory for details.

I. CCT (INDIRECT)

CTB00 Not required

CTB27 2700K

CTB30 3000K

CTB35 3500K

CTB40 4000K

When ordering Direct/Indirect, tunable white is available for direct only.

BOGGLE™ - CONTINUOUS

J. UPLIGHT DIFFUSER

UD0 Not required **UD1** Clear diffuser (Batwing diffuser) **UD3** Asymmetric diffuser ¹

¹ Available up to 1000 lm/ft.
All data shown based on max values, consult Performance Data download for more details.

K. BLACKOUT PLATE

UB0 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. DALI dimming (DA20 & DA21) not available with CTA60 (Tunable white).
² Not available in North America. Not available with CTA60 (Tunable white).
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

Special order available on lengths over 10ft and may be subject to longer lead times, consult factory.

P. FIXTURE FINISH

FA01 White - Textured **FA02** Black Metallic - Textured **FA20** Silver Metallic - Textured **FA27** Wood grain - Light Cherry ¹
FA28 Wood grain - Dark Walnut ¹

¹ Longer than normal lead times, consult factory.

Q. CANOPY FINISH

CF01 White - Textured **CF02** Black Metallic - Textured **CF20** Silver Metallic - Textured

BOGGLE™ - CONTINUOUS

R. EMERGENCY

E0 Not required

E1 Emergency system - Integral ¹

E3 Emergency generated circuit - Remote 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. Not available in 347V. Available upon request, consult factory for details.

S. CIRCUITS

CS1 Single circuit

CS2 Dual circuit ¹

¹ Independant control for upright BGGL2P. Two power cords required when ordering dual circuit and tunable white together.

T. SENSORS

BOGGLE™ - CONTINUOUS

TECHNICAL DATA

LUMINAIRE

One power cord for every 50 linear feet.

Code	BGGL1P	BGGL2P
Light Direction	Direct	Direct/Indirect

UPLIGHT DIFFUSER

¹ Available up to 1000 lm/ft.

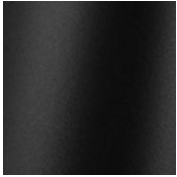
All data shown based on max values, consult Performance Data download for more details.

Code	UD0	UD1	UD3
Lms/Ft		1400	
Watts/Ft		12	
LPW		144	

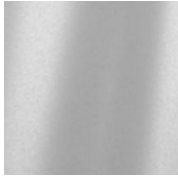
FIXTURE FINISH



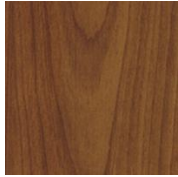
White - Textured



Black Metallic -
Textured



Silver Metallic -
Textured



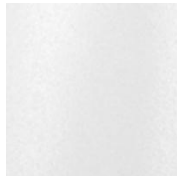
Wood grain - Light Cherry¹



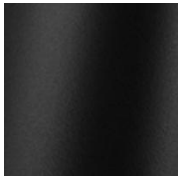
Wood grain - Dark Walnut¹

¹ Longer than normal lead times, consult factory.

CANOPY FINISH



White - Textured



Black Metallic - Textured



Silver Metallic - Textured

APPROVALS



BOGGLE™ - CONTINUOUS

PERFORMANCE DATA

DIRECT WHITE BAFFLE

	LUMEN/FT	WATT/FT	LPW
1000	1000	11	90
800	800	9	92
600	600	6	96
400	400	4	101
200	200	2	107

DIRECT BLACK BAFFLE

	LUMEN/FT	WATT/FT	LPW
1000	1000	11	85
800	800	9	87
600	600	6	91
400	400	4	96
200	200	2	101

INDIRECT BATWING (UD1)

	LUMEN/FT	WATT/FT	LPW
1400	1400	12	118
1200	1200	10	121
1000	1000	8	125
800	800	6	129
600	600	5	133
400	400	3	139
200	200	2	147

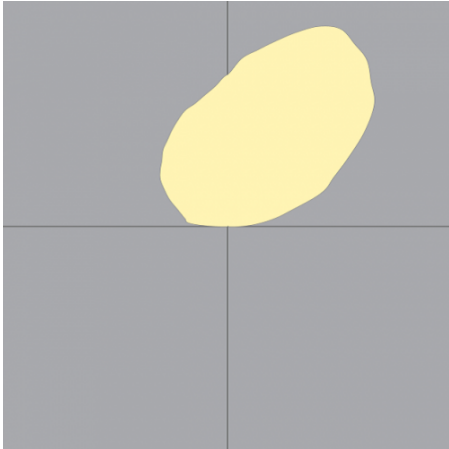
BOGGLE™ - CONTINUOUS

INDIRECT ASYMMETRIC (UD3)

LUMEN/FT

WATT/FT

LPW



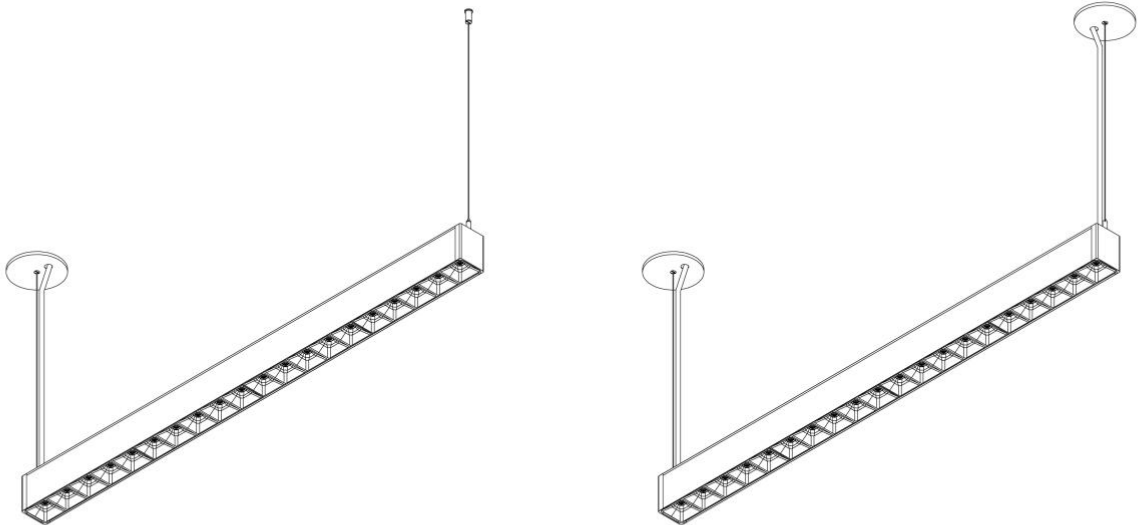
1000
800
600
400
200

12
10
6
5
2

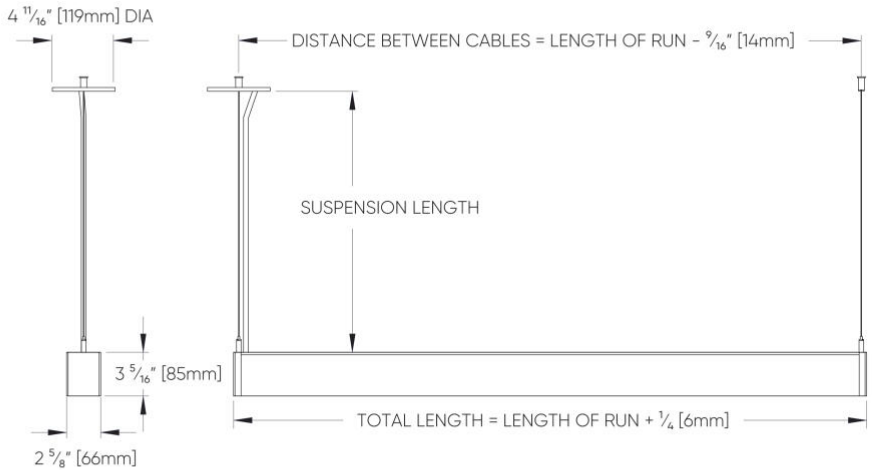
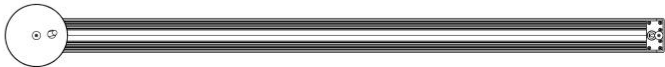
82
85
89
92
96

BOGGLE™ - CONTINUOUS

DIMENSIONAL DIAGRAMS



2 Power feeds will be necessary in the case that Direct/Indirect illumination is requested with Tunable White Direct option.



FIXTURE LENGTH	
2ft	24 1/4" [616mm]
4ft	48 1/4" [1226mm]
6ft	72 1/4" [1835mm]
8ft	96 1/4" [2445mm]
10ft	120 1/4" [3054mm]
12ft	144 1/4" [3664mm]

