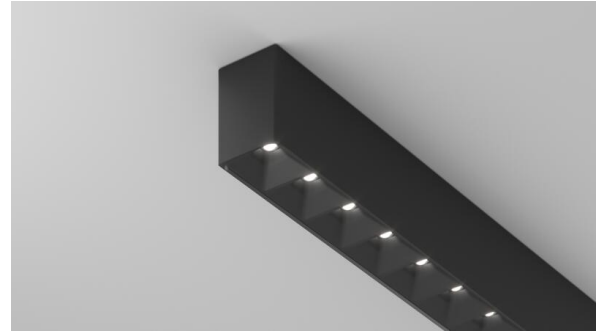




# BOGGLE™

## SHORT SPECIFICATION SHEET



Fixture Type

Fixture Code

Quantities

### 1 DESCRIPTION

**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.

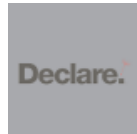
### 2 MOUNTING & OPTICS



Ceiling Direct



Direct



Declare



PoE



Tunable White

### 3 APPROVALS



### 4 GENERAL SPECIFICATION

#### BODY

Aluminum.

#### FINISH

Powder coated.

#### BAFFLE

Black or White acrylic.

#### MECHANICAL

Luminaires mount directly over J box (by others).

**TUNABLE WHITE**

Tunable White range from 2700K to 6500K is available; contact the factory for details.

**DRIVERS**

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

**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.

**REPORTED L70 @25°C (77°F)**

>108000 hrs @1000 lms/ft (3300 lm/m)

**APPROVALS**

Damp Rated.

**POE**

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

**WOOD SLAT CEILING**

For wood slat ceiling integration, consult factory.

**DELIVERED LUMENS**

Delivered lumens & LPW based on 4000KCRI 90+

**ESTIMATED L70 @25°C (77°F)**

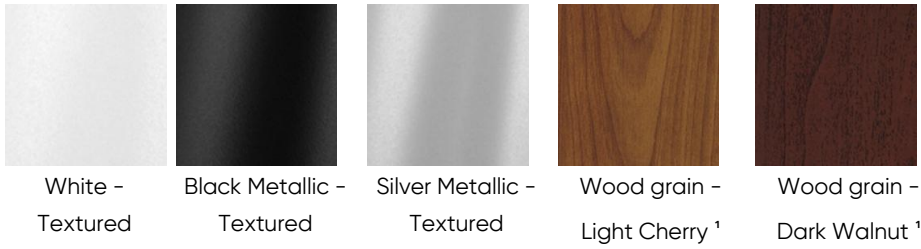
>196000 hrs @1000 lms/ft (3300 lm/m)

**DESIGN**

US Design Patent Pending.

**5 DESIGN OPTIONS**

**FIXTURE FINISH**



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

**6 HOW TO ORDER**

**A. LUMINAIRE**

**BGGC1C** Direct

One power cord for every 50 linear feet.

**B. LENGTH OF RUN**

SFA\_ \_ \_ \_

The minimum order length is 4ft, with lengths available in 2ft increments.

**C. LENGTH**

<b>SL02</b> 2ft <sup>1</sup>	<b>SL04</b> 4ft	<b>SL06</b> 6ft	<b>SL08</b> 8ft
<b>SL10</b> 10ft	<b>SL12</b> 12ft		

<sup>1</sup> Consult factory if a 2ft length is required.

**D. BAFFLE**

<b>BL1</b> White Baffle (Gloss)	<b>BL2</b> Black Baffle (Gloss)	<b>BL3</b> White Baffle (Matte)	<b>BL4</b> Black Baffle (Matte)
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Data shown based on max values. Consult Performance Data download for more details.

### E. LM/FT

**LPF020** 200 lm/ft                      **LPF040** 400 lm/ft                      **LPF060** 600 lm/ft                      **LPF080** 800 lm/ft  
**LPF100** 1000 lm/ft

### F. CRI

**CR90** CRI 90+

### G. CCT

**CTA27** 2700K                      **CTA30** 3000K                      **CTA35** 3500K                      **CTA40** 4000K  
**CTA60** Tunable White <sup>1</sup>

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<sup>1</sup> Tunable White is available with 0-10V dimming options only. Consult factory for details.

### H. VOLTAGE

**V1** 120/277V                      **V2** 240V <sup>1</sup>                      **V3** 347V <sup>2</sup>                      **V4** Low Voltage <sup>3</sup>

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

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

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

### I. 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>

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<sup>1</sup> Not available with V3. DALI dimming (DA20 & DA21) not available with CTA60 (Tunable white).

<sup>2</sup> Not available in North America. Not available with CTA60 (Tunable white).

<sup>3</sup> Only available with V4.

### J. FINISH

**FA01** White – Textured                      **FA02** Black Metallic – Textured                      **FA20** Silver Metallic – Textured                      **FA27** Wood grain – Light Cherry <sup>1</sup>  
**FA28** Wood grain – Dark Walnut <sup>1</sup>

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

**K. EMERGENCY**

**E0** Not required

**E1** Emergency system - Integral <sup>1</sup> **E3** Emergency generated circuit -  
Remote <sup>1</sup>

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<sup>1</sup> 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.

**7 TECHNICAL DATA**

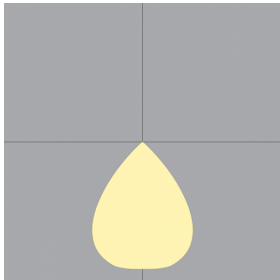
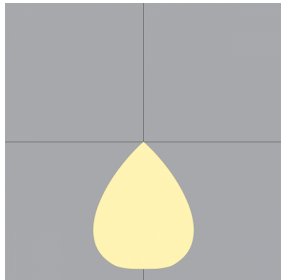
**LUMINAIRE**

One power cord for every 50 linear feet.

**Code** **BGGC1C**  
**Light Direction** Direct

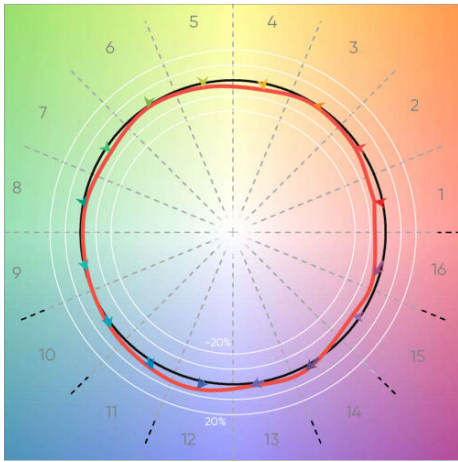
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**8** PERFORMANCE DATA

DIRECT WHITE BAFFLE	LUMEN/FT	WATT/FT	LPW	DIRECT BLACK BAFFLE	LUMEN/FT	WATT/FT	LPW
	1000	11	90		1000	11	85
	800	9	92		800	9	87
	600	6	96		600	6	91
	400	4	101		400	4	96
	200	2	107		200	2	101

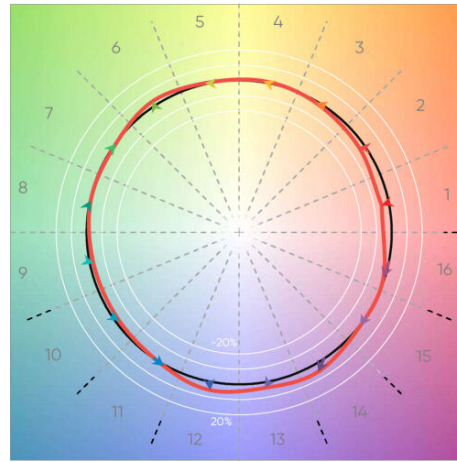
9 TM-30 DATA

**CCT 2700K**



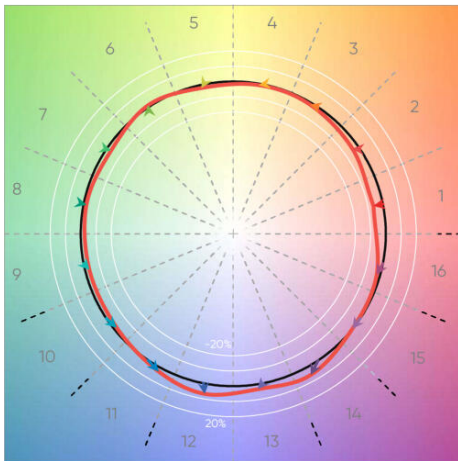
<b>CRI (Ra)</b>	93
<b>CRI (R9)</b>	61
<b>TM30 Rf</b>	91
<b>TM30 Rg</b>	98
<b>Duv</b>	-0.0022

**CCT 3000K**



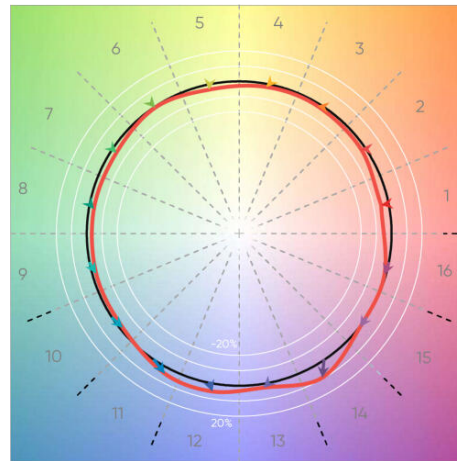
<b>CRI (Ra)</b>	92
<b>CRI (R9)</b>	58
<b>TM30 Rf</b>	92
<b>TM30 Rg</b>	100
<b>Duv</b>	-0.0003

**CCT 3500K**



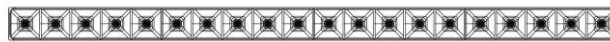
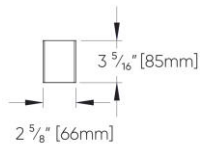
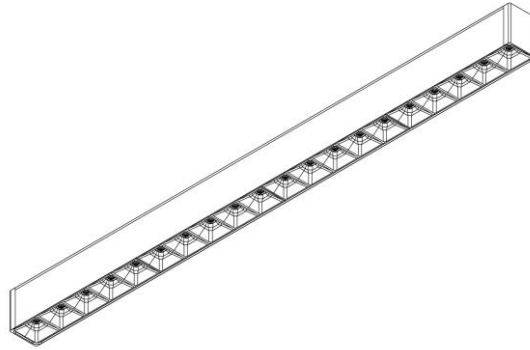
<b>CRI (Ra)</b>	91
<b>CRI (R9)</b>	53
<b>TM30 Rf</b>	90
<b>TM30 Rg</b>	99
<b>Duv</b>	-0.0007

**CCT 4000K**



<b>CRI (Ra)</b>	93
<b>CRI (R9)</b>	64
<b>TM30 Rf</b>	90
<b>TM30 Rg</b>	98
<b>Duv</b>	0.0000

10 DIMENSIONAL DIAGRAMS



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]