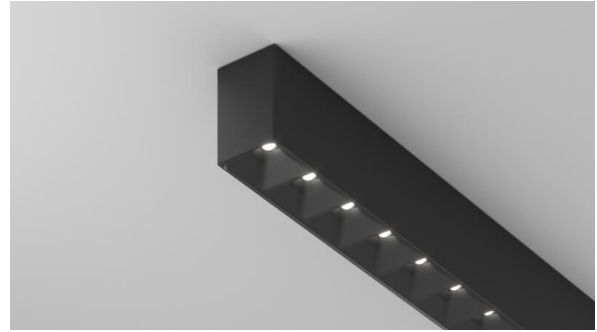




BOGGLE™

FULL 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 OPTICS & FEATURES



Ceiling Direct



Direct



Declare



PoE



Tunable White

3 APPROVALS



4 GENERAL SPECIFICATION

BODY

Aluminum.

FINISH

Powder cpated.

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.

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.

POE

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

UGR

Unified Glare Rating <9

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.

SEISMIC BRACING

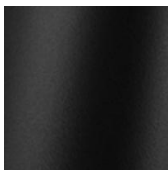
Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

5 DESIGN OPTIONS

FIXTURE FINISH



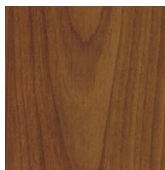
White -
Textured



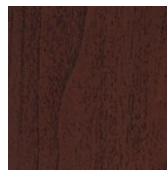
Black
Metallic -
Textured



Silver
Metallic -
Textured



Wood grain
- Light
Cherry ¹



Wood grain
- Dark
Walnut ¹

¹ Longer than normal lead times, consult factory.

6 HOW TO ORDER

1. LUMINAIRE

BGGC1C Direct

One power cord for every 50 linear feet.

2. LENGTH OF RUN

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

SFA_ _ _ _

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

3. LENGTH

SL02 2ft ¹	SL04 4ft	SL06 6ft	SL08 8ft
SL10 10ft	SL12 12ft		

¹ Consult factory if a 2ft length is required.

4. 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.

5. LM/FT

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

6. CRI

CR90 CRI 90+

7. CCT

CTA27 2700K	CTA30 3000K	CTA35 3500K	CTA40 4000K
CTA60 Tunable White ¹			

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

8. 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.

9. 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.

10. 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.

11. 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.

7 TECHNICAL DATA

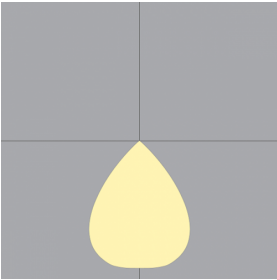
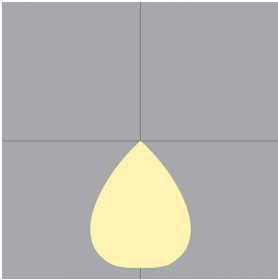
LUMINAIRE

One power cord for every 50 linear feet.

Code **BGGC1C**
Light Direction Direct

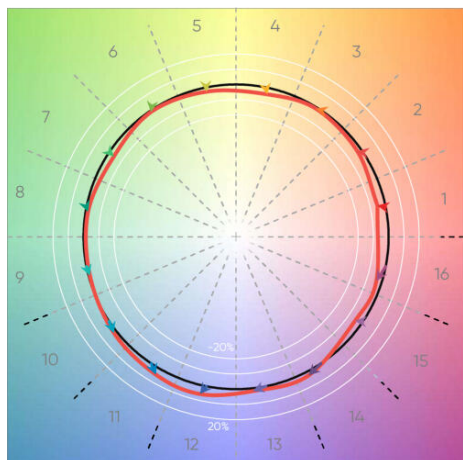
8

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

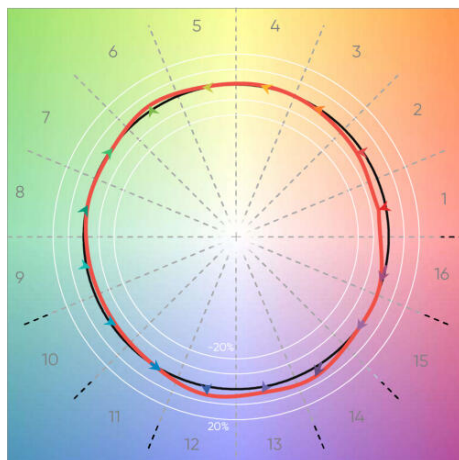
9 TM-30 DATA

CCT 2700K



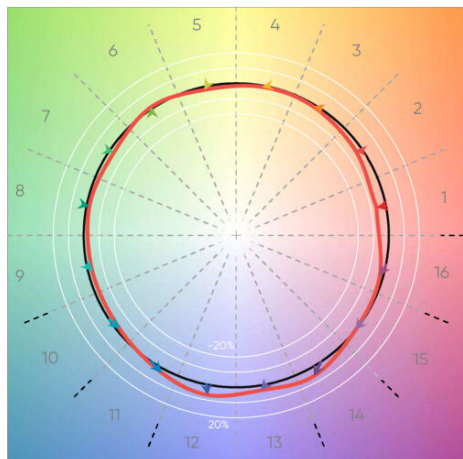
CRI (Ra)	93
CRI (R9)	61
TM30 Rf	91
TM30 Rg	98
Duv	-0.0022

CCT 3000K



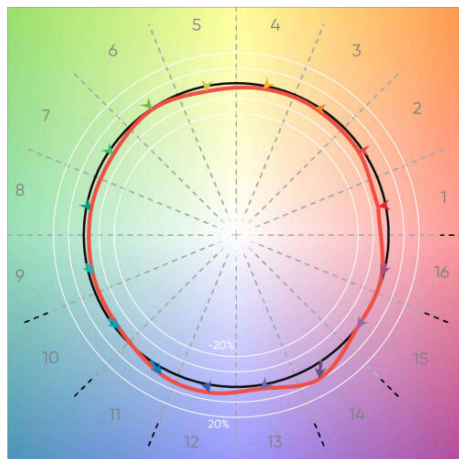
CRI (Ra)	92
CRI (R9)	58
TM30 Rf	92
TM30 Rg	100
Duv	-0.0003

CCT 3500K



CRI (Ra)	91
CRI (R9)	53
TM30 Rf	90
TM30 Rg	99
Duv	-0.0007

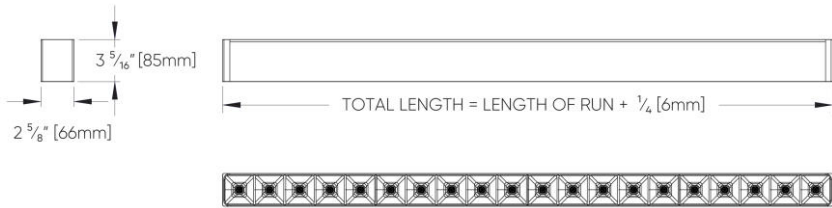
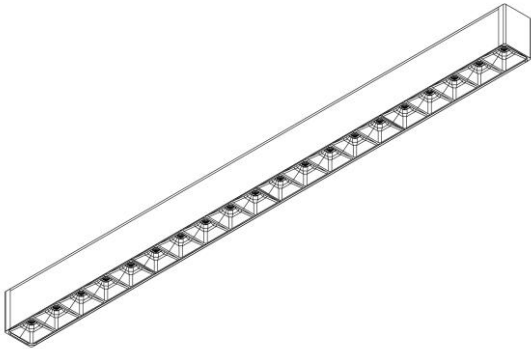
CCT 4000K



CRI (Ra)	93
CRI (R9)	64
TM30 Rf	90
TM30 Rg	98
Duv	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]