

BOGGLE™ **FULL SPECIFICATION SHEET**



Fixture Type	Fixture Code	Quantities

DESCRIPTION

BOGGLE brings brains and brawn to professional lighting. The recessed lenses assemble into a linear cluster to provide optimal performance with superior optical definition, a 60° cutoff angle, better light efficiency and color rendering, and glare-reducing louvers. Improved color rendering balance, color temperature tunability, and a Unified Glare Rating below 9 make BOGGLE especially suitable for workspaces. The louvers in black or white present a tailored aesthetic that adds sophistication to any space. The significantly enhanced visual comfort and Tunable White options make the BOGGLE ideal for human-centric spaces.

OPTICS & FEATURES











Tunable White

APPROVALS













GENERAL SPECIFICATION

BODY

Aluminum.

POE

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

UGR

Unified Glare Rating <9

TUNABLE WHITE

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

ESTIMATED L70 @25°C (77°F)

>196000 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.

LOUVER

Black or White acrylic. Gloss and Matte finishes.

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)

DELIVERED LUMENS

Delivered lumens & LPW based on 4000KCRI 90+

DESIGN

US Design Patent Pending.

DESIGN OPTIONS

CEILING TRIM FINISH



Not required



White 1



Black Metallic

Textured ¹

¹ Required for RT4 only.

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HOW TO ORDER

1. LUMINAIRE

BGGR1R Direct

One power cord for every 50 linear feet.

2. LENGTH OF RUN

Order in 2ft increments.

SFA____

Order in 2ft increments.

3. MAX LENGTH PER SECTION

SL02 2ft 1 **SL04** 4ft **SL06** 6ft **SL08** 8ft

SL10 10ft **SL12** 12ft

4. LOUVER

BL1 White Glossy BL2 Black Glossy BL3 White Matte BL4 Black Matte

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

5. LM/FT

LPF100~1000~lm/ft

6. CRI

CR90 CRI 90+

¹ Not available with 200 lm/ft.

^{*} 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.

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CTA27 2700K **CTA30** 3000K **CTA35** 3500K **CTA40** 4000K

CTA60 Tunable White 1

¹ Consult factory.

8. VOLTAGE

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

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

10. CEILING TYPE & TRIM

RT1 Tegular T-Bar 1 RT2 Lay-In T-Bar 1 RT3 Trimless 3 RT4 Trim

11. CEILING TRIM FINISH

FA00 Not required FA01 White 1 FA02 Black Metallic Textured 1

¹ Not available in North America.

² Only available with DA01 dimming.

³ Only available with DA45 dimming.

¹ Not available with V3.

² Not available in North America. Not available with CTA60 (Tunable white).

³ Only available with V4.

¹ Fixture designed to fit into a 9/16" or 15/16" standard tegular grid T-bar and through tile mount. Dimensions are nominal for grid ceiling fixtures. All fixture metalwork is white.

² Fixture designed to fit into a 9/16" or 15/16" standard grid T-bar and through tile mount. Dimensions are nominal for grid ceiling fixtures. All fixture metalwork is white.

³ Fixture designed for drywall ceilings.

¹ Required for RT4 only.



12. 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.

13. CHICAGO PLENUM

CP0 Not required **CP1** Chicago Plenum ¹

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TECHNICAL DATA

LUMINAIRE

One power cord for every 50 linear feet.

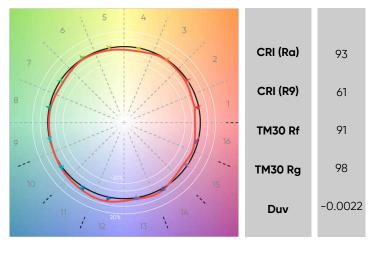
Code BGGR1R Light Direction Direct

8 PERFORMANCE DATA

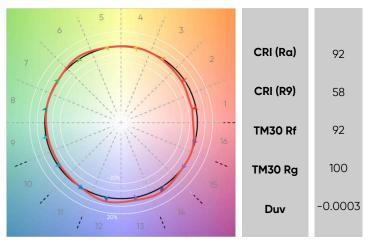
DIRECT WHITE LOUVER	LUMEN/FT	WATT/FT	LPW	DIRECT BLACK LOUVER	LUMEN/FT	WATT/FT	LPW
	1000 800 600 400 200	11 9 6 4 2	90 92 96 101 107		1000 800 600 400 200	11 9 6 4 2	85 87 91 96 101

9 TM-30 DATA

CCT 2700K

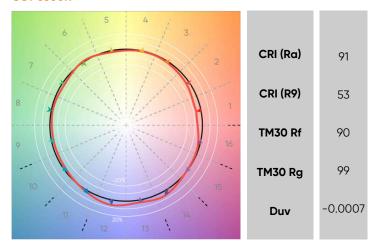


CCT 3000K

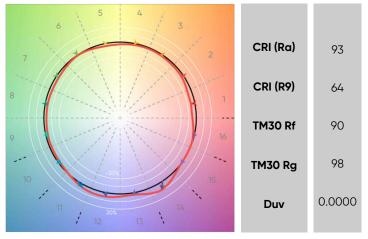


BOGGLE™ - RECESSED CONTINUOUS FULL SPECIFICATION SHEET

CCT 3500K

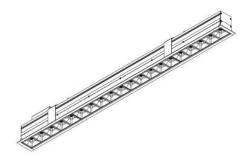


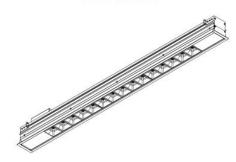
CCT 4000K



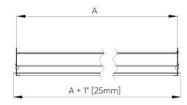
ISOMETRIC BOTTOM VIEW HARD CEILING

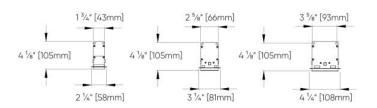
ISOMETRIC BOTTOM VIEW **GRID CEILING**



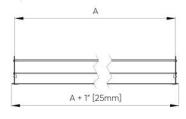


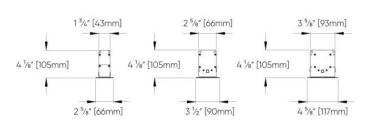
Tegular ceiling





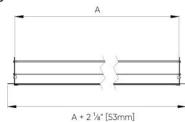
T-bar ceiling

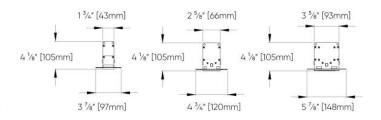




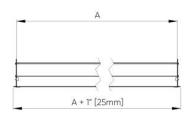
GRID	CEILING
Max Length (Per Section)	А
4ft	46 ³ / ₄ " [1186mm]
6ft	70 ³ / ₄ " [1796mm]
8ft	94 ³ / ₄ " [2405mm]
10ft	118 ³ / ₄ " [3015mm]
12ft	142 ³ / ₄ " [3625mm]

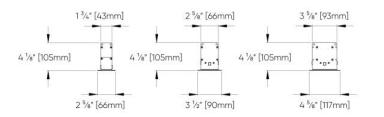
Trimless





Trim





HARD	CEILING
Max Length (Per Section)	А
4ft	48" [1219mm]
6ft	72" [1829mm]
8ft	96" [2438mm]
10ft	120" [3048mm]
12ft	144" [3658mm]