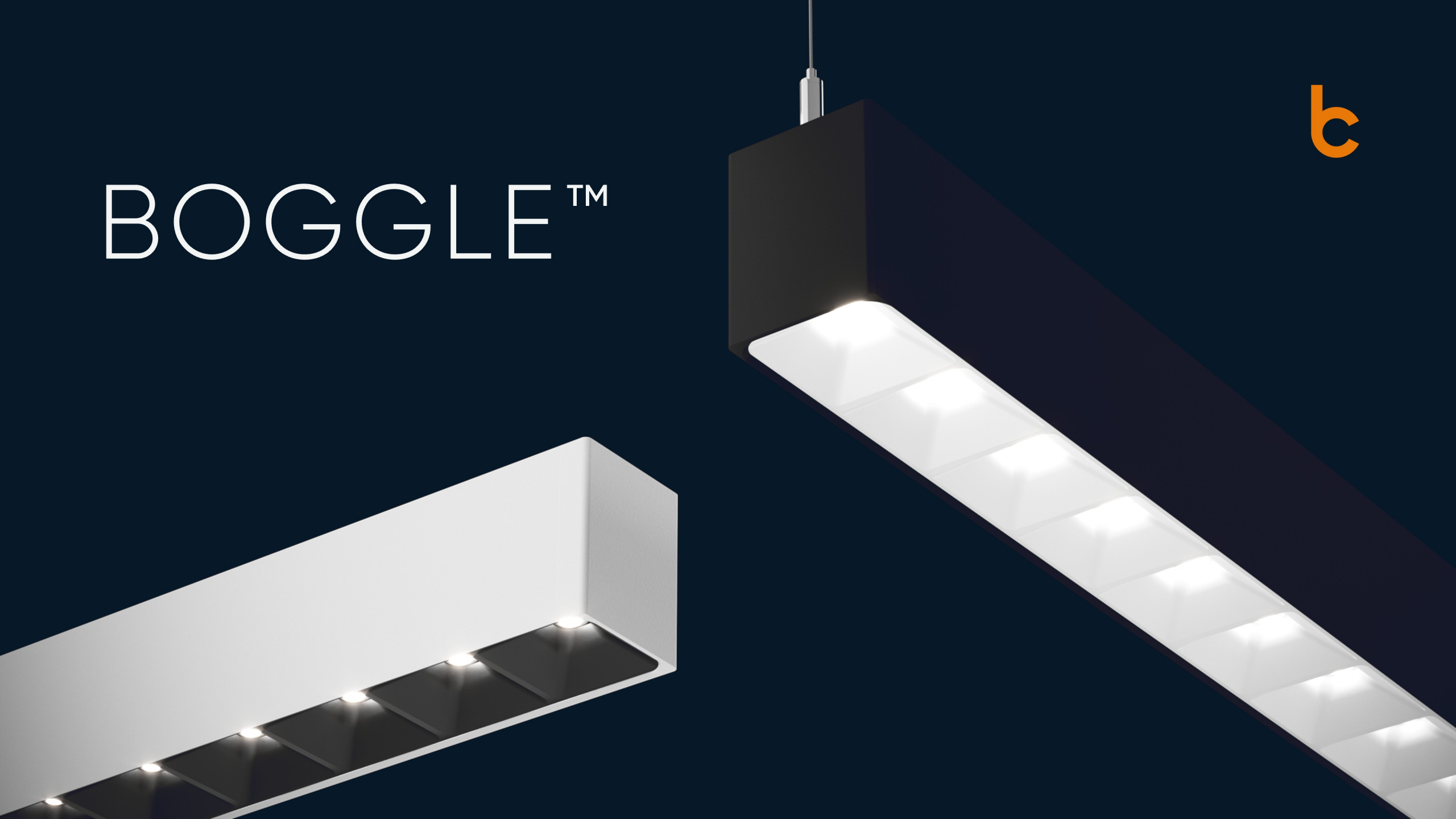
BOGGLE™



INTRODUCTION

BOGGLE brings brains and brawn to professional lighting. Its recessed lenses assemble into a linear cluster for superior optical definition, a 60° cutoff angle, and better light efficiency and color rendering.

Glare-reducing louvers bring the Unified Glare Rating below 9, and Tunable White options make BOGGLE especially suited to workspaces and human-centric environments.

The family comes suspended, surface-mounted or recessed, so one consistent line of light can carry through every space in your project.

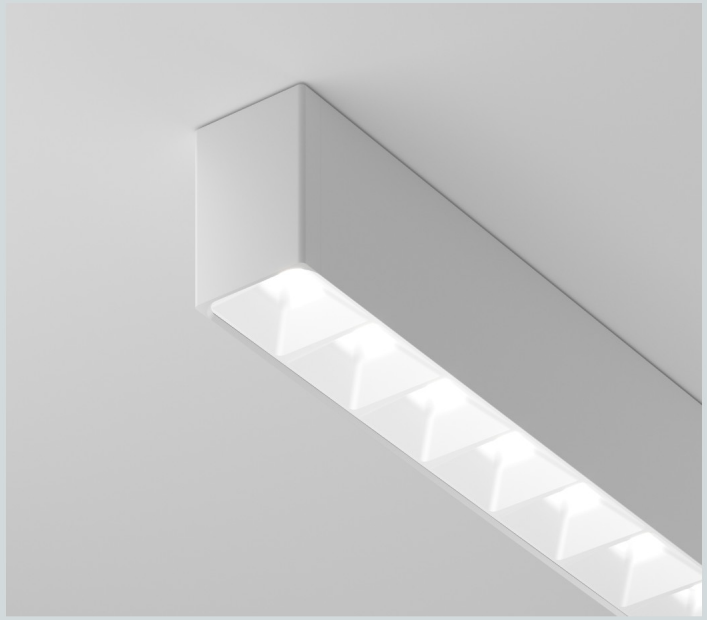


VARIANTS



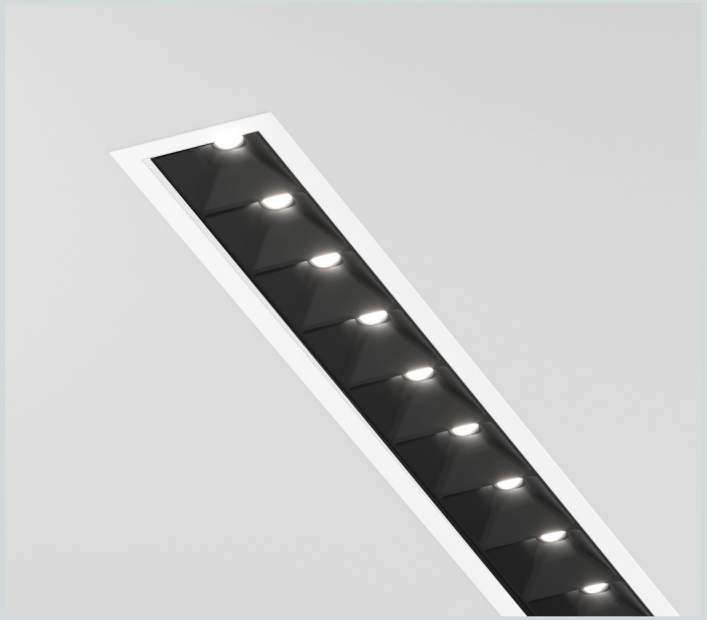
SUSPENDED

Cable-suspended pendants and continuous runs, with direct or direct/indirect light.



SURFACE

Mounts directly over a J-box for a clean line of direct light at the ceiling.



RECESSED

Sits flush in the ceiling plane, in T-bar grid or with trim and trimless details.

FEATURES

RECESSED LENS CLUSTER

Lenses assemble into a linear cluster for superior optical definition and a 60° cutoff angle.

UGR BELOW 9

Glare-reducing louvers keep the Unified Glare Rating under 9 for comfortable workspaces.

TUNABLE WHITE

Tune from 2700K to 6500K to support human-centric lighting schemes.

POWER OVER ETHERNET

Integrate the luminaire into your data network through PoE connectivity.

CONTINUOUS RUNS

Specify any run length, built from sections of 2 to 12 ft, suspended, surface or recessed.

SERVICEABLE BY DESIGN

LED board, driver and optic can each be replaced on site.

VISUAL COMFORT

UGR<9

A Unified Glare Rating below 9 makes BOGGLE especially suitable for workspaces where people look up from screens all day.

Designed for Human-Centric Spaces

01 **LOW GLARE**

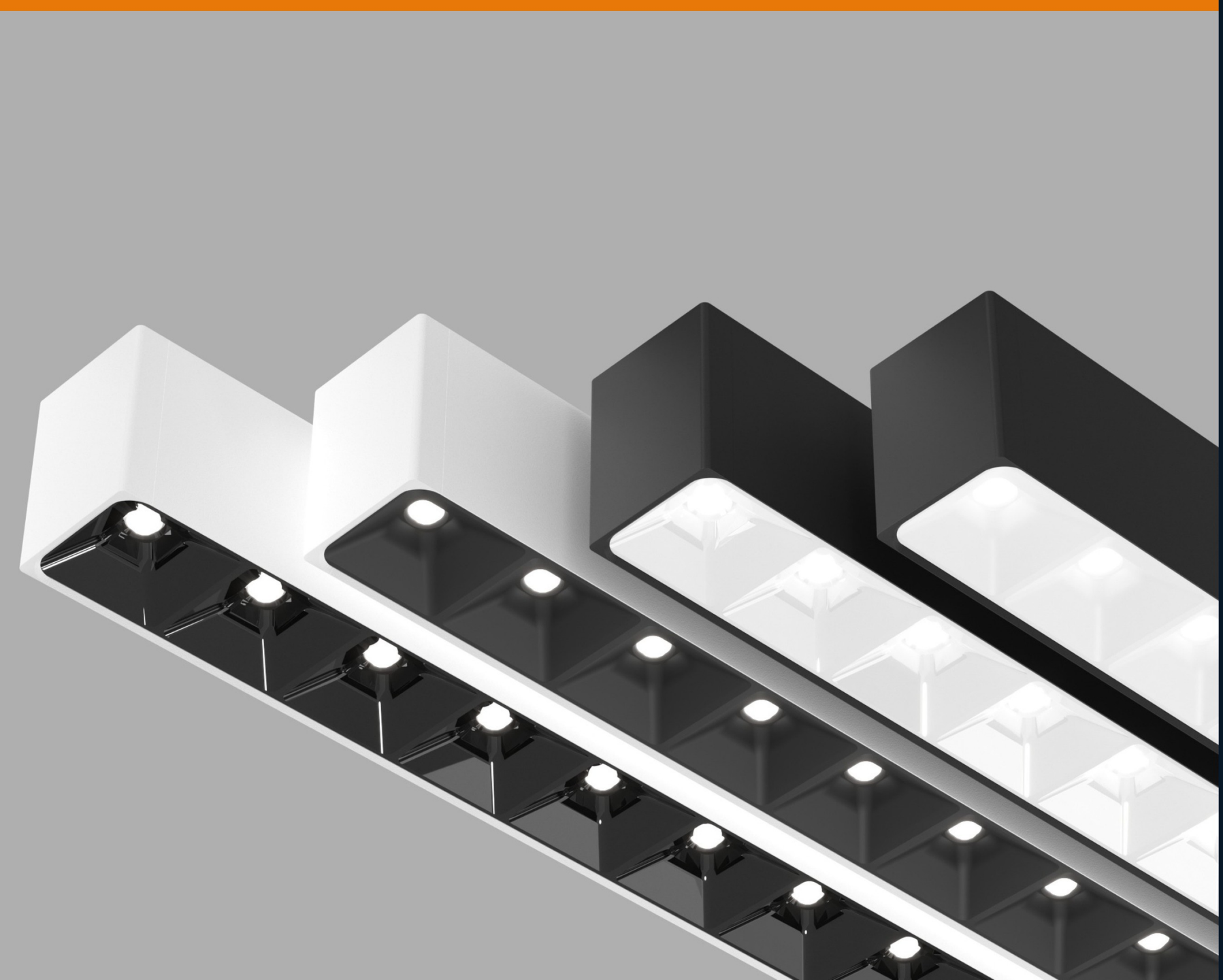
Louvers and a 60° cutoff angle shield the eye from direct view of the source.

02 **TRUE COLOR**

CRI 90+ on every configuration.

03 **LIGHT THAT FOLLOWS THE DAY**

Tunable White from 2700K to 6500K, with DALI DT8 dimming down to 0.1%.



LOUVERS

Acrylic louvers in black or white, in gloss or matte, give each run a tailored look while cutting glare.

- White Glossy
- Black Glossy
- White Matte
- Black Matte



BOGGLE™

SUSPENDED

Direct or direct/indirect light on slim steel cables, as single pendants or continuous runs.



SUSPENDED CONTINUOUS

Run BOGGLE as a single pendant or as one continuous line across the room. Choose direct light, or direct/indirect with an indirect lens to wash the ceiling.

LUMINAIRES
Direct or Direct/Indirect

SUSPENSION
3, 6 or 9 ft steel cable

CEILING
Grid or hard ceiling

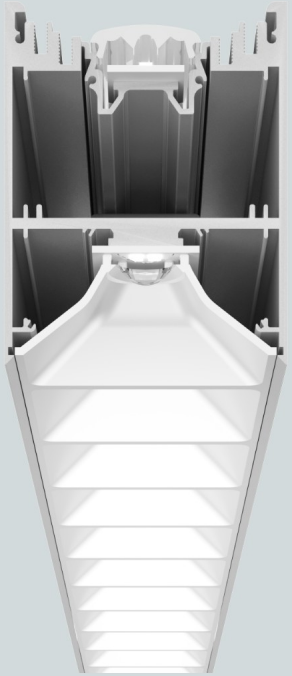
CIRCUITS
Single or dual



BOGGLE SUSPENDED

A black run carries a single line of light down a clinic corridor, set against warm timber and living walls.

OPTICS



Direct

60° CUTOFF

Recessed lenses and louvers on every Boggle luminaire.

Indirect

BATWING

Spreads uplight evenly across the ceiling plane.

Indirect

ASYMMETRIC

Throws uplight to one side of the run.

Indirect

EXTRA WIDE BATWING

The widest indirect distribution in the range.

Indirect lenses and the optional blackout plate apply to the Suspended Direct/Indirect luminaire.



BOGGLE™

SURFACE

Mounted directly over a J-box, BOGGLE Surface brings the same low-glare optics close to the ceiling plane.



SURFACE

A crisp aluminum profile that sits right on the ceiling. Runs of 2 to 12 ft keep the line of light as long or as short as the room needs.

LUMINAIRE

Direct

MOUNTING

Directly over J-box (by others)

FINISHES

White, Black or Silver Metallic, and three wood grains

WOOD SLAT CEILINGS

Consult factory



BOGGLE™

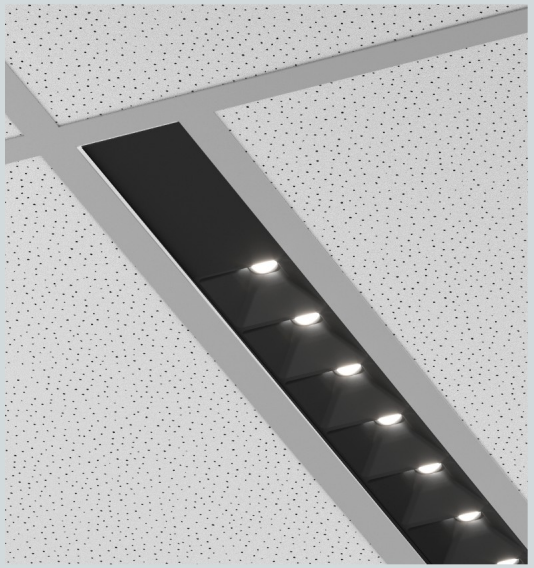
RECESSED

Flush with the ceiling plane, continuous runs draw precise lines of light through lobbies and offices.

CEILING TYPES



TEGULAR T-BAR



LAY-IN T-BAR



TRIMLESS



TRIM

Ceiling trim finish in White or Black Metallic, textured. A Chicago Plenum option is available.



RECESSED CONTINUOUS

Order runs in 2 ft increments and BOGGLE disappears into the ceiling, leaving only the lens cluster and louvers in view.

LUMINAIRE
Direct

RUN LENGTH
Ordered in 2 ft increments

SECTIONS
2 to 12 ft maximum

CEILING
Tegular, lay-in, trimless or trim

LIGHT OUTPUT

DIRECT	200–1000	lm/ft in 200 lm/ft steps, on all three luminaires.
INDIRECT	200–1400	lm/ft in 200 lm/ft steps, on Suspended Direct/Indirect.
COLOR TEMPERATURE	2700–4000K	or Tunable White, set independently for direct and indirect.

CRI 90+ standard. Delivered lumens and LPW based on 4000K, CRI 90+.

Technical Specifications	Suspended Continuous	Surface	Recessed Continuous
Lumen Packages	Direct: 200 to 1000 LM/FT Indirect: 200 to 1400 LM/FT	Direct: 200 to 1000 LM/FT	Direct: 200 to 1000 LM/FT
CCT	2700K to 4000K, Tunable White	2700K to 4000K, Tunable White	2700K to 4000K, Tunable White
CRI	90+	90+	90+
Glare	UGR < 9	UGR < 9	UGR < 9
Mounting	Steel cable, 3, 6 or 9 ft Grid or hard ceiling	Directly over J-box (by others)	Tegular, lay-in, trimless or trim
Dimming	0-10V or DALI @ 1% and 0.1% DALI DT8 Tunable White, PoE	0-10V or DALI @ 1% and 0.1% DALI DT8 Tunable White, PoE	0-10V or DALI @ 1% and 0.1% DALI DT8 Tunable White, PoE
Emergency	Integral or Remote	Integral or Remote	Integral or Remote
Circuits	Single or Dual	Single	Single
Lifetime (L70)	>108,000 hrs reported @ 2400 LM/FT	>108,000 hrs reported @ 1000 LM/FT	>108,000 hrs reported @ 1000 LM/FT
Design	US Design Patent Pending	US Design Patent Pending	US Design Patent Pending



FINISHES

FIXTURE

- White
- Black Metallic
- Silver Metallic
- Light Cherry
- Dark Walnut
- White Oak

Suspended and Surface

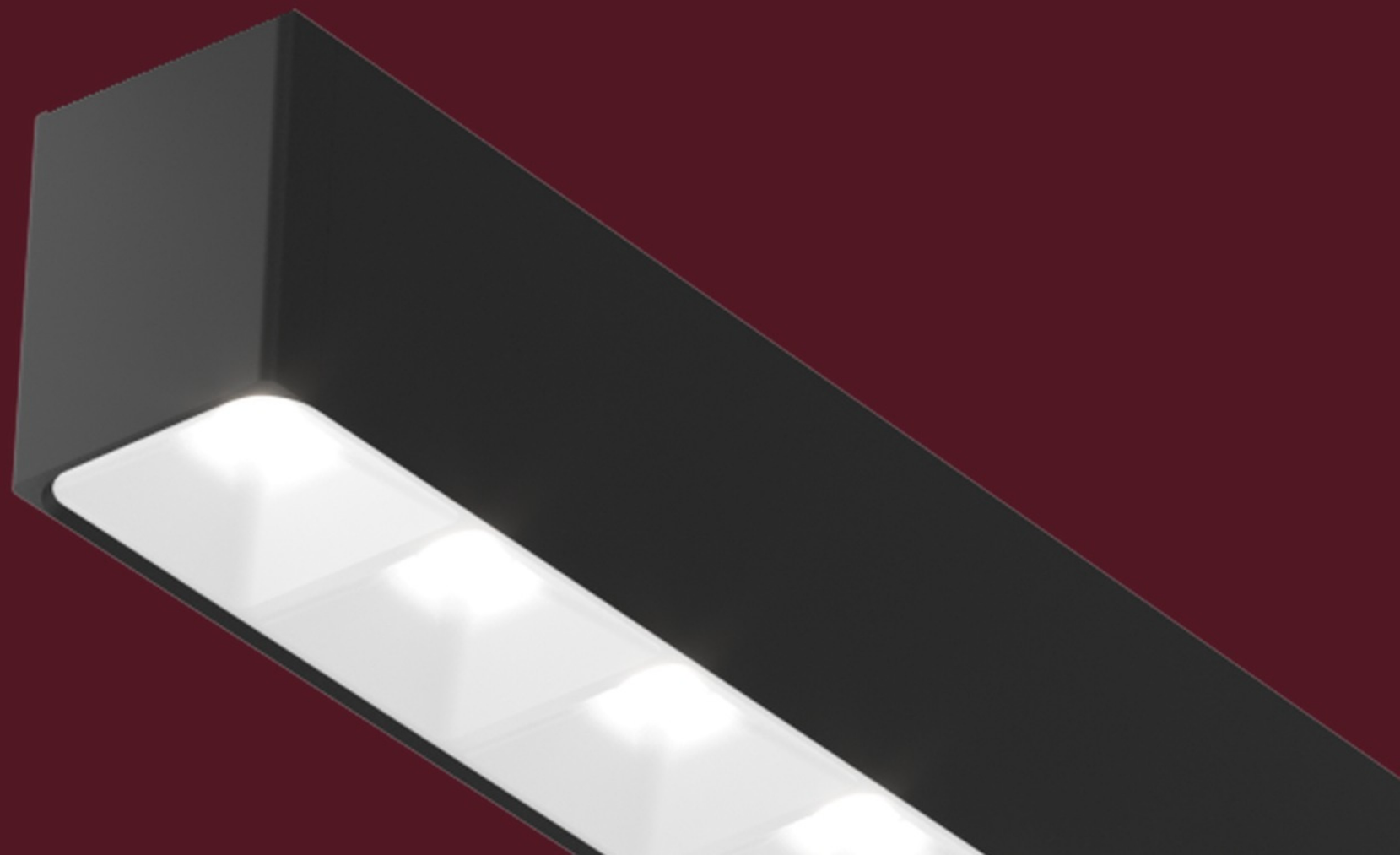
CEILING TRIM

- White
- Black Metallic

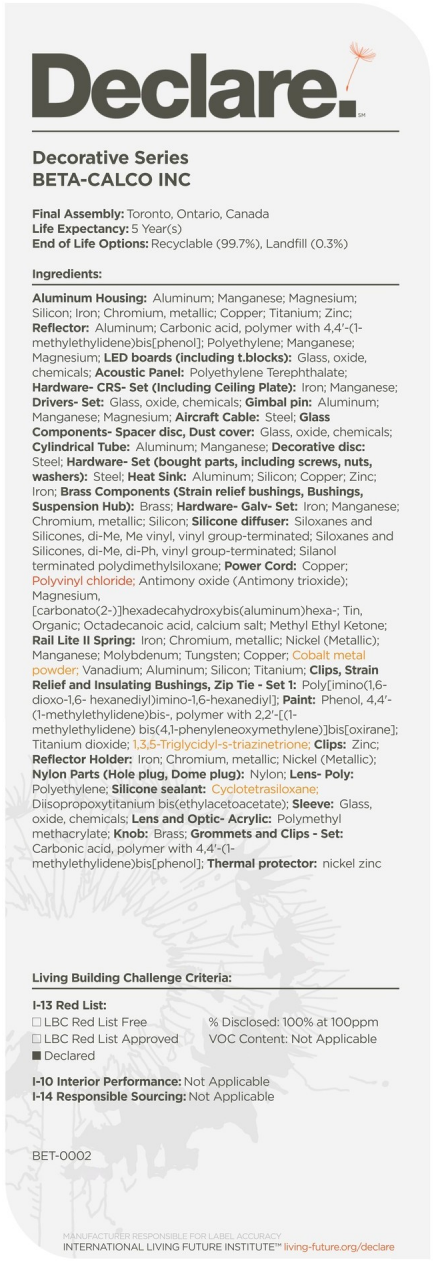
Recessed

Metal finishes are textured powder coat. Wood grains carry ordering restrictions.

Declare.







WHY DECLARE MATTERS

Every year, the building industry accounts for 39% of global carbon emissions, and the health impacts of the built environment are drawing increased scrutiny. In earning a Declare label for our linear and decorative lines, we're joining over 200 manufacturers by responding to the market's demand for decreased emissions and increased transparency.



BETACALCO

Since 1941, we have held a passion for designing cutting-edge professional lighting that changes how spaces are illuminated while upholding the enduring principles of quality and craftsmanship.

Our objective is to work in lockstep with our clients by developing innovative products that meet their varied design needs and comply with the latest energy and construction standards. Furthermore, our manufacturing infrastructure allows us to scale products and satisfy niche design requirements.

We use leading-edge wellness technologies including BIOS, Tunable White, and Dim to Warm; and employ open-source connectivity to intelligent control systems, including Power over Ethernet.

Our customer-centric approach to service and product design is the basis of our reputation and how we have become a key lighting supplier across the globe.

betacalco.com

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