



RATIO STANDARD CLUSTER

Ratio Standard Cluster is a standalone multi-port canopy offered in various shapes, sizes, and drop options. If the “standard” options don’t satisfy your preferences, configure your own unique cluster or complete modular system with Brownlee’s [Configuration Studio](#). The possibilities are endless.

Ratio family includes a standalone pendant (Pendant - Model #: 2754), a robust offering of standard multi-port cluster canopy options (Standard Cluster - Model #: 2854), and fully customizable/modular cluster canopy solutions that can be designed in real time using our state-of-the-art [Configuration Studio](#) (Configured Cluster - Model #: 2855).

FINISHES



RATIO STANDARD CLUSTER

STANDARD SPECIFICATIONS

HOUSING + CANOPY

Extruded aluminum cylinder and heat sink. Steel canopy housing for durability. Aluminum canopy cover.

DIFFUSER

1.5" diameter acrylic with light scattering properties. Clear when off. Luminous when on.

LED PERFORMANCE

120-277V, 0-10V dimmable, 90+ CRI, L90 (Per TM-21) > 50,000 hrs, L70 (projected) > 100,000 hrs
Color consistency: 3 SDCM. **Operating ambient temperature: 35°C / 95°F Max.**

Single drop delivered lumens noted in 3500K using 12" diffuser. Multiply lumens by drop quantity.

U08 - 8W nominal, .07 A input - 505 lm. Dimmable (0-10V)
U12 - 12W nominal, .10 A input - 705 lm. Dimmable (0-10V)

SUSPENSION

Ratio Standard Cluster ships with 10-ft of power cord per drop (field-cuttable). 20-ft available in Options section. For custom factory-cut cord lengths, use our [CONFIGURATION STUDIO](#).

MOUNTING

Anchored to ceiling (hardware by others). Wired to j-box or conduit entry. Driver(s) integral to canopy. Indoors only. Square and Hex canopies are connectable via Canopy Connector Kit (ordered separately, refer to Accessories in the ordering section of this spec sheet). **Detailed information and diagrams on Page 5.** For customizable/modular Ratio clusters, use our [CONFIGURATION STUDIO](#).

FINISH

Parts are prepared using a three step pre-treatment/cleaning process, followed by a durable powder coat finish.

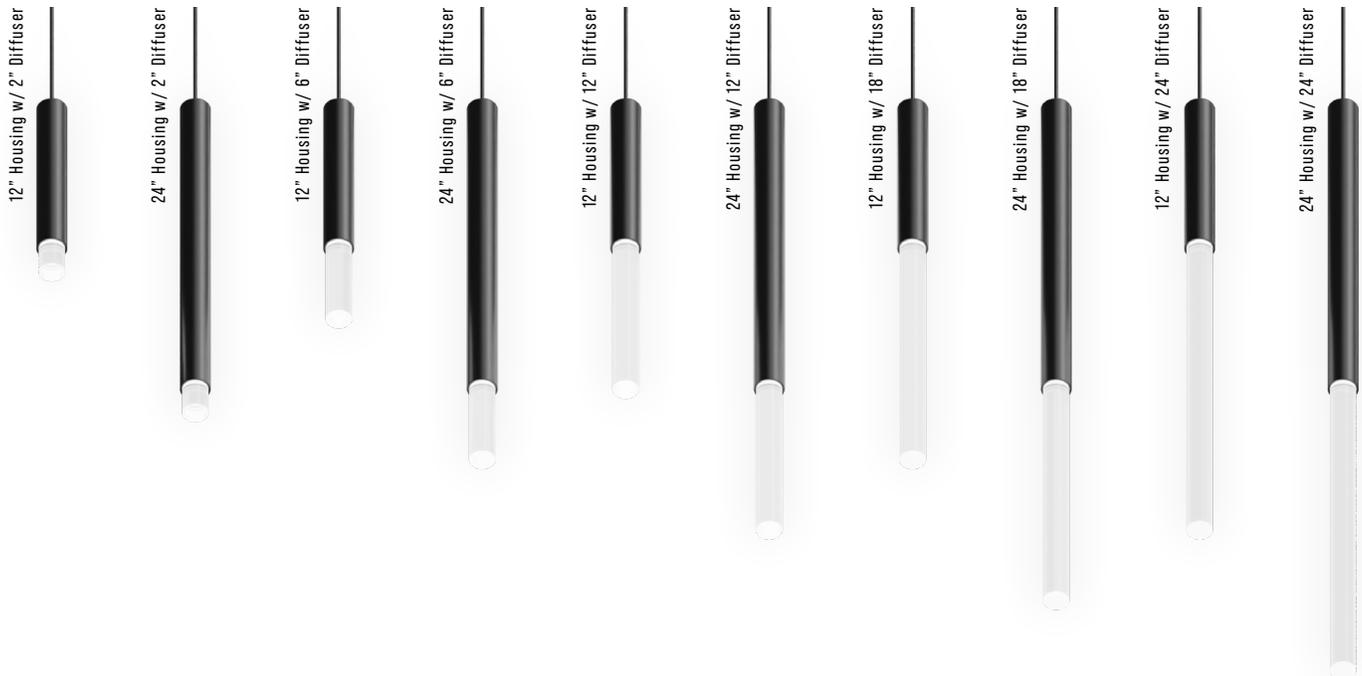
WARRANTY

5 year limited warranty on this LED product. Consult factory for details.

PROJECT:
MODEL #:
FIXTURE TYPE:



Find your perfect Ratio

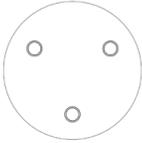


Specifications subject to change without notice.

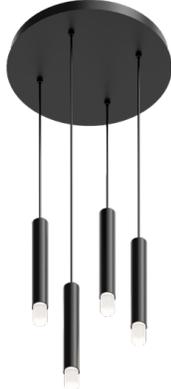
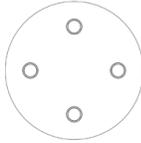
RATIO STANDARD CLUSTER

DROP & DIMENSIONAL DETAIL

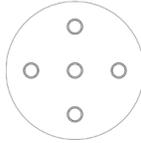
3 Drops



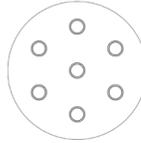
4 Drops



5 Drops



7 Drops

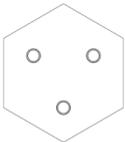


Circle Canopy (CRC)

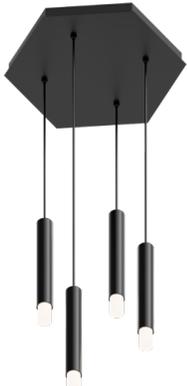
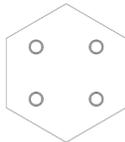
Dimensions: 16" & 24" dia. x 1.7" h.
16" size pictured at left.
Mounting details shown on Page 5.

**Note: For "Standard" Clusters - the specified housing and diffuser length applies to all drops. For varying lengths, use our [CONFIGURATION STUDIO](#).*

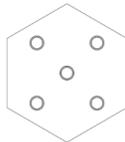
3 Drops



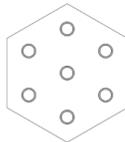
4 Drops



5 Drops



7 Drops

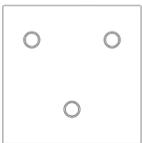


Hexagon Canopy (HEX)

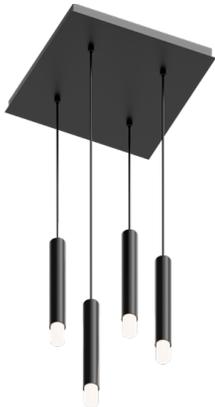
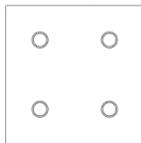
Dimensions: 16" & 24" (flat to flat) x 1.7" h.
16" size pictured at left.
Mounting details shown on Page 5.

**Note: For "Standard" Clusters - the specified housing and diffuser length applies to all drops. For varying lengths, use our [CONFIGURATION STUDIO](#).*

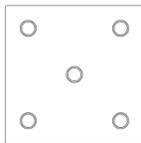
3 Drops



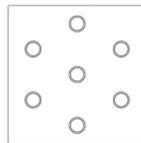
4 Drops



5 Drops



7 Drops



Square Canopy (SQU)

Dimensions: 16" & 24" sq x 1.7" h.
16" size pictured at left.
Mounting details shown on Page 5.

**Note: For "Standard" Clusters - the specified housing and diffuser length applies to all drops. For varying lengths, use our [CONFIGURATION STUDIO](#).*

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RATIO STANDARD CLUSTER



DAMP

RoHS
COMPLIANT
ELECTRONICS



ORDERING INFORMATION

2854

1. Model 2. 3. 4. 5. 6. 7. 8. 9. 10.

11.

2. HOUSING SIZE

12 12" Cylinder Housing
24 24" Cylinder Housing

*Note: For "Standard" Clusters - specified housing length applies to all drops. For varying lengths, use our [CONFIGURATION STUDIO](#).

3. FINISH

Applies to cylinder housing only. Canopy color will match cord color in Suspension section.

BL Black
BU Pastel Blue
BZ Bronze
GN Pastel Green
MG Metallic Gold
NT Nickel Tone
OR Florida Orange
RD Red
WH White
YL Yellow

4. WATTAGE

U08 08W LED (.07 A @ 110V)
U12 12W LED (.10 A @ 110V)

5. DIFFUSER LENGTH

02R 2" Diffuser
06R 6" Diffuser
12R 12" Diffuser
18R 18" Diffuser
24R 24" Diffuser

*Note: For "Standard" Clusters - specified diffuser length applies to all drops. For varying lengths, use our [CONFIGURATION STUDIO](#).

6. DROP COUNT

03 3 Drop
04 4 Drop
05 5 Drop
07 7 Drop

7. SUSPENSION

Applies to cord and ceiling canopy. Contact factory for other colors.

BLC Cord, Black - 10' (field cuttable)
WHC Cord, White - 10' (field cuttable)

Note: For 20' cord, refer to CE2 in Options section.

8. CANOPY SHAPE

CRC Circle
HEX Hexagon
SQU Square

9. CANOPY SIZE

16C 16" Canopy
24C 24" Canopy

10. COLOR TEMPERATURE

27K 2700K color temperature
30K 3000K color temperature
35K 3500K standard color temperature
40K 4000K color temperature

(90+ CRI Standard)

11. AVAILABLE OPTIONS

AMF Antimicrobial Finish (BL, NT, WH only)
(See AMF note)
BAC Buy American Compliant
CE2 Cord Extension: 20' Cord (total length)
DTR⁴ Triac (Line Voltage) Dimming (120V Only)
FCL⁷ French Canadian Labels

AMF Note: Antimicrobial powder coat is applied to the exposed metal fixture parts and can inhibit the growth of mildew and spoilage causing microbes on the finish.

Universal Footnotes (only applies if superscript is shown in Options section): (0) **90R** - All LEDs/CCTs are being transitioned to 90 CRI standard over 2025. Inquire for this model's availability. (1) **BAC/BAB** - www.brownlee.com/resources/usa. (2) **BBI/BBC** - cannot combine with ECW or EXT. (3) **BLD** - integral microwave motion sensor (step-dim). Cannot combine with DTR. (4) **DTR** - cannot combine with BLD. (5) **ECW** - cannot combine with BBI, BBC, or DTR. (7) **FCL** - cannot combine with BAC. (8) **OCC** - integral microwave motion sensor (ON/OFF). (9) **T24** - includes JA8 labeling and 90 CRI LEDs. (10) **PCH/PC4** - cannot combine with BLD or OCC.

Add'l Notes: ***BBI/BBC** - **BBI** minimum operating temp: 10C/50F unless otherwise stated. **BBC** minimum operating temp: -20C/-4F.

****BLD** - integral microwave motion sensor with step-dim control. 1: Motion is detected, illuminate to 100%.

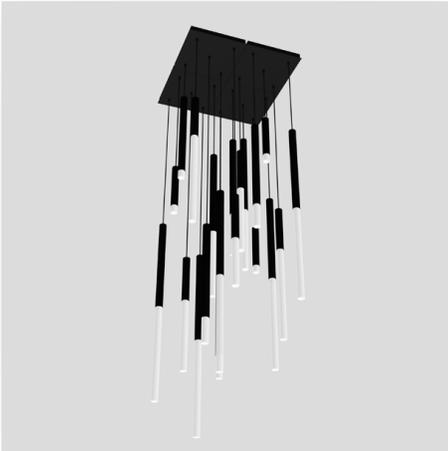
2: Motion no longer detected, dim to set level. 3: Remain in continuous dimmed state or turn off after set period. Config. via onboard dip switches.

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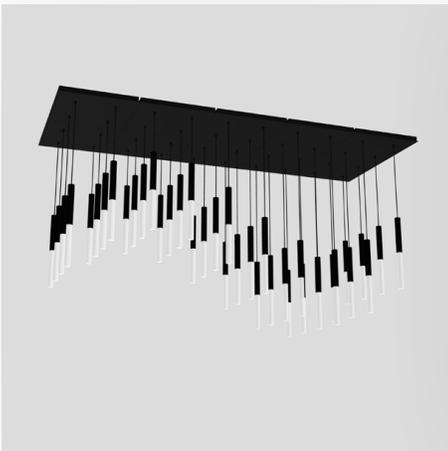
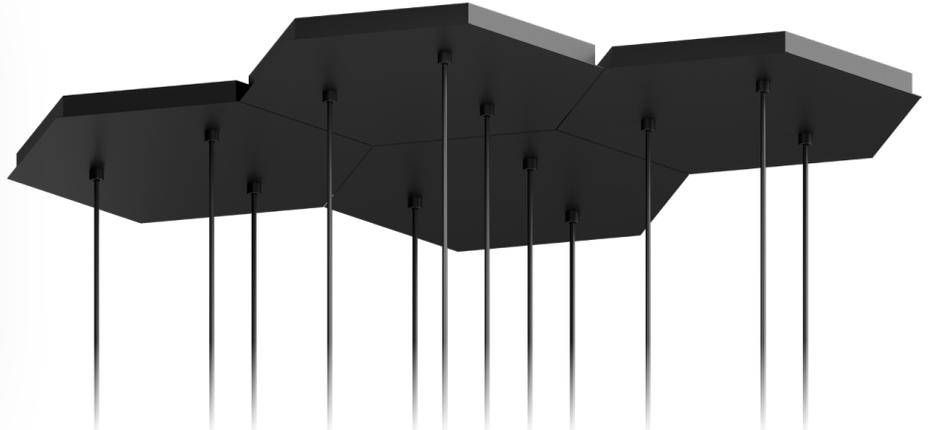


CONFIGURATION STUDIO

Take your Ratio design to the next level via Brownlee's online [CONFIGURATION STUDIO](#), where you can configure a fully customizable and modular system in real time. Various drop presets can handle the heavy lifting for you, including "Random", "Wave", "Cascade", and much more. Inspiration below but the possibilities are endless. Easily export to spec sheet and 3D model. Use your configured ID to request pricing and order as a complete system.



Canopies: 4 (24" SQU) | Drop Preset: "Random"



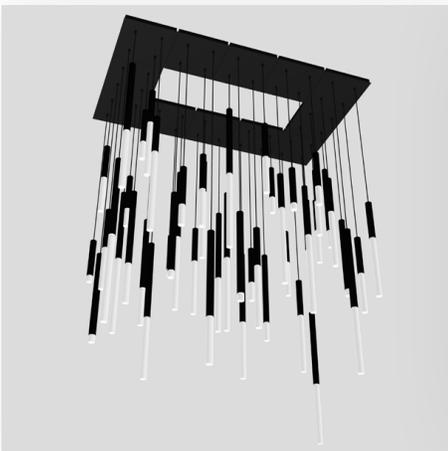
Canopies: 10 (24" SQU) | Drop Preset: "Wave"



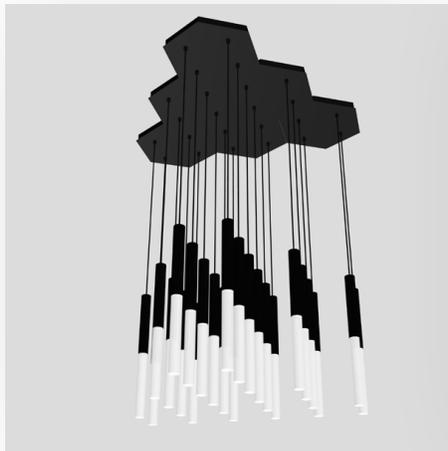
Canopies: 4 (24" SQU) | Drop Preset: "Uniform"



Canopies: 4 (24" SQU) | Drop Preset: "Cascade"



Canopies: 12 (24" SQU) | Drop Preset: "Random"



Canopies: 6 (24" HEX) | Drop Preset: "Uniform"



Canopies: 1 (24" CRC) | Drop Preset: "Spiral"

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