RATIO - STANDARD CLUSTER

Ratio Standard Cluster is a modular clustering system designed for easy specification. Choose from Round, Square, or Hex shaped canopies with 3, 4, 5, or 7 drops and 16" or 24" sizes. Each multi-drop canopy can stand alone, while Square and Hex versions can connect to create bespoke statement clusters. If the "standard" options don't satisfy your preferences - design your own unique cluster with our CUSTOM CONFIGURATOR TOOL (coming soon). The possibilities are endless.

Note: This spec sheet covers the Ratio Standard Clusters only - Model #: 2854. For single Ratio pendants, see Model #: 2754. For Custom Configured Clusters, see Model #: 2855.

FINISHES

BL	BU	BZ	GN	MG	NT	OR	RD	WH	YL

RATIO STANDARD CLUSTER   PRELIMINARY

STANDARD SPECIFICATIONS

HOUSING + CANOPY + ACCESSORIES
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 total number of drops.

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 CUSTOM CONFIGURATOR TOOL
(coming soon).

MOUNTING
Directly to j-box (by others) and supplimentary ceiling anchors (by others). Drivers are integral
to canopy. Indoors only. Standard Clusters can be standalone or connected together [Square
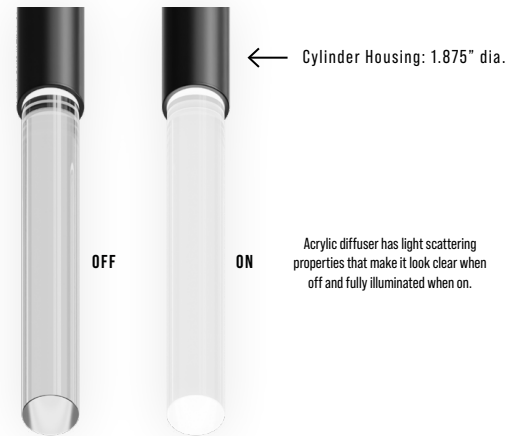and Hex Only]. **See detailed information and diagrams on Page 5.**

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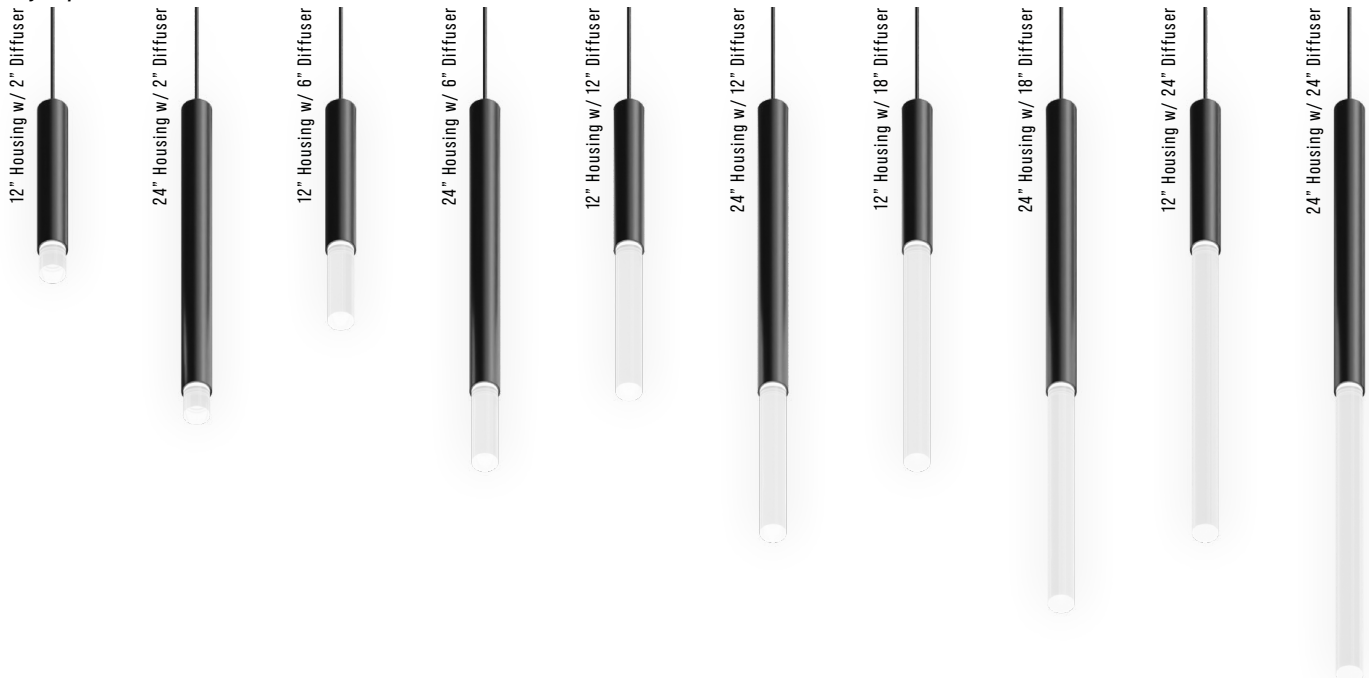by a durable powder coat finish.

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

Cylinder Housing: 1.875" dia.

OFF   **ON**

Acrylic diffuser has light scattering
properties that make it look clear when
off and fully illuminated when on.

Find your perfect Ratio

12" Housing w/ 2" Diffuser

24" Housing w/ 2" Diffuser

12" Housing w/ 6" Diffuser

24" Housing w/ 6" Diffuser

12" Housing w/ 12" Diffuser

24" Housing w/ 12" Diffuser

12" Housing w/ 18" Diffuser

24" Housing w/ 18" Diffuser

12" Housing w/ 24" Diffuser

24" Housing w/ 24" Diffuser

Specifications subject to change without notice.

BROWNLEE LIGHTING
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RATIO STANDARD CLUSTER **PRELIMINARY**

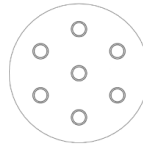## DROP & DIMENSIONAL DETAIL
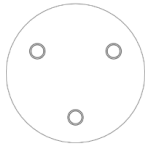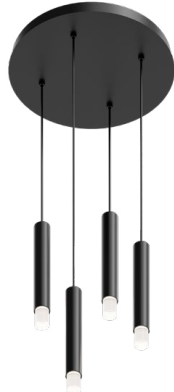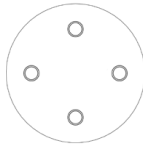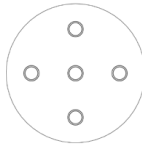
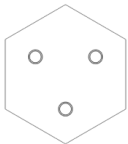### 3 Drops   ### 4 Drops   ### 5 Drops   ### 7 Drops
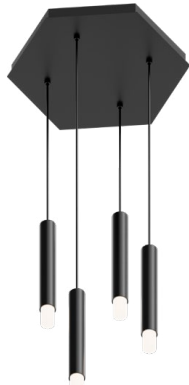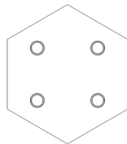

Round Canopy (RND)

**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 CUSTOM CONFIGURATOR TOOL (coming soon).

3 Drops   ### 4 Drops   ### 5 Drops   ### 7 Drops
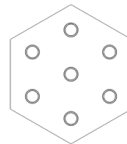
Hexagon Canopy (HEX)

**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 CUSTOM CONFIGURATOR TOOL (coming soon).
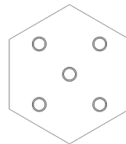
3 Drops   ### 4 Drops   ### 5 Drops   ### 7 Drops

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 CUSTOM CONFIGURATOR TOOL (coming soon).
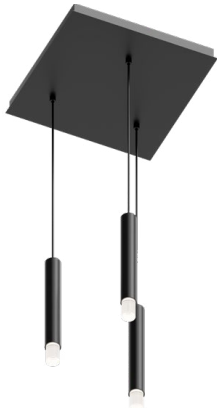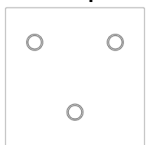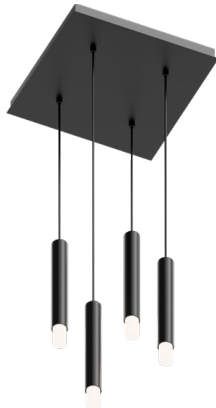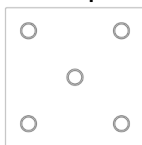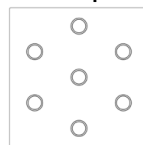
Specifications subject to change without notice.

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RATIO STANDARD CLUSTER PRELIMINARY

CSA C US   DAMP   RoHS COMPLIANT ELECTRONICS   BAA OPTIONS

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 CUSTOM CONFIGURATOR TOOL (coming soon).

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 CUSTOM CONFIGURATOR TOOL (coming soon).

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

HEX   Hexagon
RND   Round
SQU   Square

9. CANOPY SIZE

16   16" Canopy
24   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[1]   Buy American Compliant
CE2   Cord Extension: 20' Cord (total length)
DTR[4]   Triac (Line Voltage) Dimming (120V Only)
FCL[7]   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.

Battery Note: Contact factory for battery backup.

ACCESSORIES (field installed - order separately)

390080   Ratio Cluster Connector Kit. Required to connect one cluster canopy to another during installation. Includes two spacers and one conduit fitting.

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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