



COBRA

Elevate your space with Cobra - a slim, 1.5" aperture high performance cylinder family that can be customized to add a unique touch to your environment. High quality 90+ CRI COB LED light source, high quality optics offered in a variety of beam spreads, high quality extruded and cast aluminum fixture construction.

Note: This specification sheet covers the wall series only - Model #: 1750. For pendant, reference Model #: 2750 & 2752. For ceiling surface, reference Model #: 2250.

CUSTOMIZE



COBRA WALL

STANDARD SPECIFICATIONS

HOUSING + CANOPY

Extruded aluminum cylinder and heat sink. Spun aluminum canopy.

BEZEL + OPTIC

Cast aluminum bezel, ultra slim 1.5" aperture, offered in multiple finishes. Optic is regressed inside bezel to reduce glare and offered in four beam spreads. Anti-glare honeycomb louver available - see options section.

FINISH

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

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: 25°C / 77°F Max.**

Delivered lumens noted in 3500K, standard bezel, White finish.
Note: Black bezel finish results in approx. 6%-10% lumen loss.

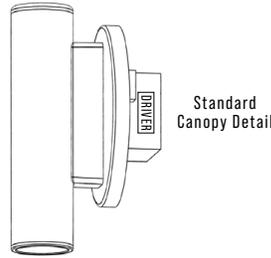


Optional: Honeycomb Louver
Glare reduction accessory

Code	60° Beam	36° Beam	24° Beam	18° Beam
U08	805 lm	745 lm	805 lm	835 lm
U10	975 lm	900 lm	930 lm	965 lm
U12 ¹	1130 lm	1045 lm	1050 lm	1090 lm
U16 ²	1400 lm	1300 lm	NA*	NA*

¹Unavailable on 06" size.

²Unavailable on 06" size and 18°/24° Beams.



Standard Canopy Detail

Standard: 3.25" D
EXT Option: 4.17" D



Cylinder: 1.875" dia.
Bezel Aperture: 1.5" dia.

Canopy Details

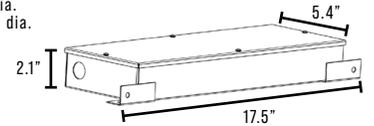
Standard (Shallow Canopy):

4.5" dia. x 0.50" d
Driver mounts inside 4" x 1.5" d octagonal j-box (by others).

Optional (Extended Canopy):

4.5" dia. x 1.44" d
Driver integral to extended canopy, refer to Options section.

Remote Battery Enclosure
(BBR Option Only)



MOUNTING

Fixture mounts to a 4" x 1.5" deep* octagonal j-box (not included - by others). *Driver stored in j-box as a standard offering. 1.5" minimum depth j-box required. Refer to Options section for Extended Canopy (EXT) if driver cannot be mounted in j-box. **Indoors only.** May be mounted down or up.

BATTERY BACKUP

Battery Backup optional. Utilizes Remote Mount configuration and shallow canopy. Battery pack and driver mounted in provided remote enclosure (see drawing). Battery test switch and traditional 4.50" x 2.75" white mount plate provided - must be visibly installed in accordance with local codes. Battery mode: 10W - operational for a minimum of 90 minutes.

WARRANTY

5 year limited warranty on this LED product.



DAMP



RoHS
COMPLIANT
ELECTRONICS



ORDERING INFORMATION

1. Model	2. SIZE	3. FINISH ONE	4. WATTAGE	5. FINISH TWO	6. DISTRIBUTION	7. COLOR TEMPERATURE	8. AVAILABLE OPTIONS
06	06" Cylinder	Applies to primary cylinder, ceiling canopy, and rigid stem if specified. Does not apply to bezel.	U08 08W LED (.07 A @ 110V) U10 10W LED, (.09 A @ 110V) U12¹ 12W LED, (.10 A @ 110V) U16² 16W LED, (.14 A @ 110V)	Applies only to bezel at end of cylinder.	18D¹ 18° Beam - Spot 24D¹ 24° Beam - Narrow 36D 36° Beam - Medium 60D 60° Beam - Extra Wide	27K 2700K 30K 3000K 35K 3500K standard 40K 4000K (90+ CRI Standard)	AMF Antimicrobial Finish (BL, NT, WH only) (See AMF note) BAC¹ Buy American Compliant BBR^{2*} Utilizes Remote Mount Shallow Canopy Driver and battery in provided remote enclosure (see drawing) <i>Battery must be connected to continuous power supply within 7 Mo. of shipping. See Warranty Note 3.</i> DTR⁴ Triac (Line Voltage) Dimming (120V Only) EXT Extended Canopy (Driver In Canopy) Total fixture depth: 4.17" d (Does not meet ADA) FCL⁷ French Canadian Labels HCB Honeycomb Louver (Decreases efficacy, alters beam angle - refer to photometrics/contact factory)
	12 12" Cylinder		¹ Unavailable on 06" size. ² Unavailable on 06" size and 18°/24° Beams.		¹ Unavailable on U16 wattage.		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 J48 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.

Specifications subject to change without notice.

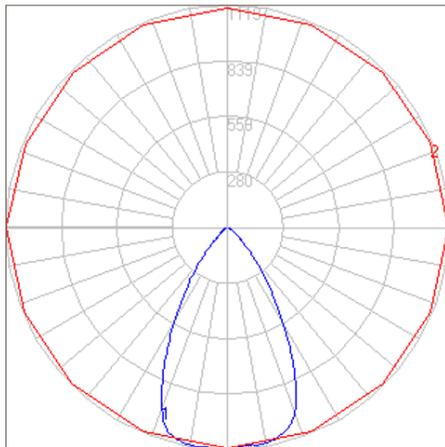
COBRA WALL

PHOTOMETRIC INFORMATION

Outputs and distribution vary by model/accessory. Specifications subject to change without notice.

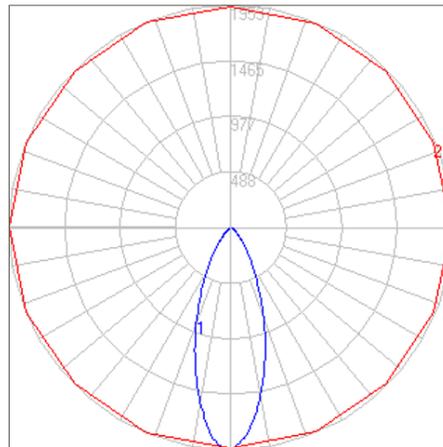
Luminaire Based UGR (Tabular Method)					
Note 1: UGR calculated using the luminaire/tabular method. Application-based UGR will vary.					
Note 2: Additional UGR reduction can be achieved via Honeycomb Louver (option code HCB).					
Bezel Finish	Wattage	18°	24°	36°	60°
Black (BL)	U08	2.0	1.2	7.7	10.2
	U10	2.5	1.7	8.3	10.9
	U12	2.9	2.1	8.9	11.4
	U16	NA	NA	9.6	12.1
White (WH)	U08	17.5	18.3	22.3	21.5
	U10	18.0	18.8	23.0	22.1
	U12	18.4	19.3	23.5	22.6
	U16	NA	NA	24.3	23.4

LOW UGR



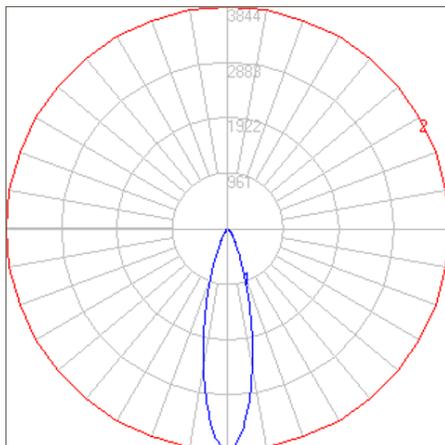
60° - Extra Wide

Based on U12 output / White Bezel / 3500K.
Spacing Criteria: .95



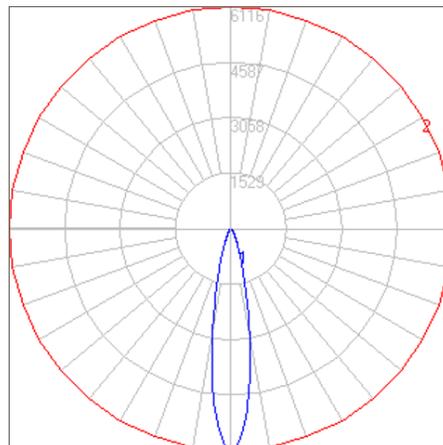
36° - Medium

Based on U12 output / White Bezel / 3500K.
Spacing Criteria: .60



24° - Narrow

Based on U12 output / White Bezel / 3500K.
Spacing Criteria: .45



18° - Spot

Based on U12 output / White Bezel / 3500K.
Spacing Criteria: .35