



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.

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.

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.

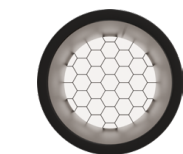
BATTERY BACKUP

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.

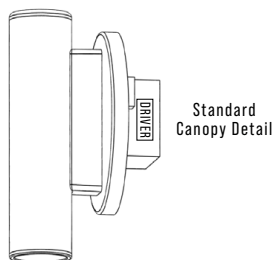
WARRANTY

5 year limited warranty on this LED product.

ORDERING INFORMATION



Optional: Honeycomb Louver
Glare reduction accessory

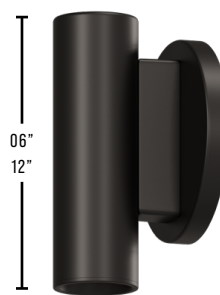


Standard
Canopy Detail

PROJECT:
MODEL #:
FIXTURE TYPE:



Standard: 3.25" D
EXT Option: 4.17" D



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

Canopy Details

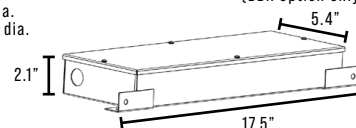
Standard (Shallow Canopy):

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)



DAMP



RoHS
COMPLIANT
ELECTRONICS



1750

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

2. SIZE

06	06" Cylinder
12	12" Cylinder

3. FINISH ONE

Applies to primary cylinder, ceiling canopy, and rigid stem if specified. Does not apply to bezel.

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)
U10	10W LED (.09 A @ 110V)
U12 ¹	12W LED (.10 A @ 110V)
U16 ²	16W LED (.14 A @ 110V)

¹Unavailable on 06" size.

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

5. FINISH TWO

Applies only to bezel at end of cylinder.

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

6. DISTRIBUTION

18D ¹	18° Beam - Spot
24D ¹	24° Beam - Narrow
36D	36° Beam - Medium
60D	60° Beam - Extra Wide

¹Unavailable on U16 wattage.

7. COLOR TEMPERATURE

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

(90+ CRI Standard)

8. AVAILABLE OPTIONS

AMF	Antimicrobial Finish (BL, NT, WH only) (See AMF note)
BAC ¹	Buy American Compliant
BBR ^{2*}	Utilizes Remote Mount Shallow Canopy Driver and battery in provided remote enclosure (see drawing) Battery must be connected to continuous power supply within 7 Mo. of shipping. See Warranty Note 3.
DTR ⁴	Triac (Line Voltage) Dimming (120V Only)
EXT	Extended Canopy (Driver In Canopy) Total fixture depth: 4.17" d (Does not meet ADA)
FCL ⁷	French Canadian Labels
HCB	Honeycomb Louver (Decreases efficacy, alters beam angle - refer to photometrics/contact factory)

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/CTs 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 JAS 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.

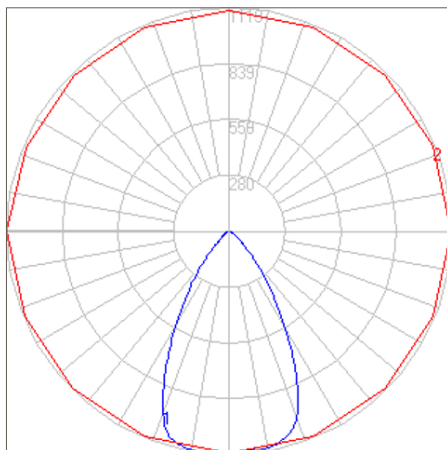
COBRA WALL

PHOTOMETRIC INFORMATION

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

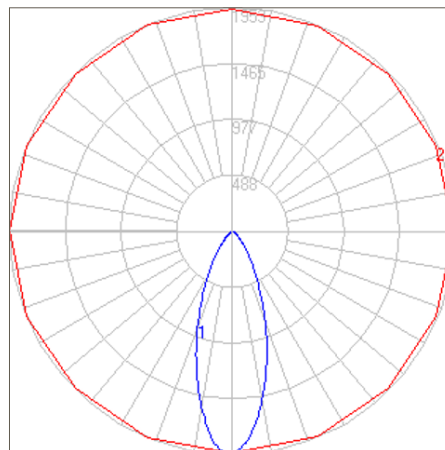
Luminaire Based UGR (Tabular Method)					
Note 1: UGR calculated using the luminaire/tabular method. Application-based UGR will vary.					
Note 2: Additional UGR reduction can be achieved via Honeycomb Louver (option code HCB).					
Bezel Finish	Wattage	18°	24°	36°	60°
Black (BL)	U08	2.0	1.2	7.7	10.2
	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



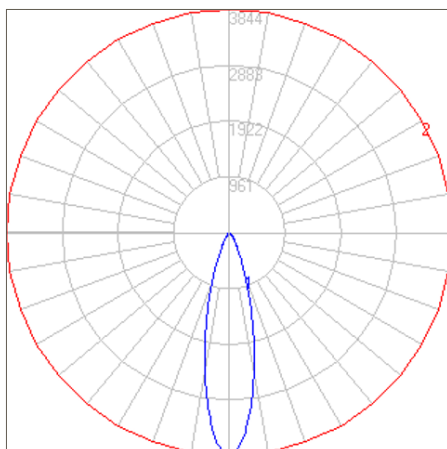
60° - Extra Wide

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



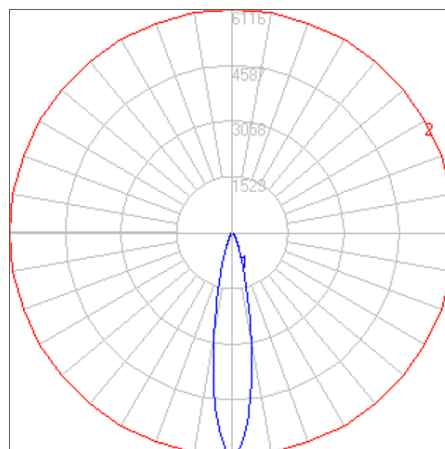
36° - Medium

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