



## SURFACE CHAMELEON FIXED

**bold**  
lighting

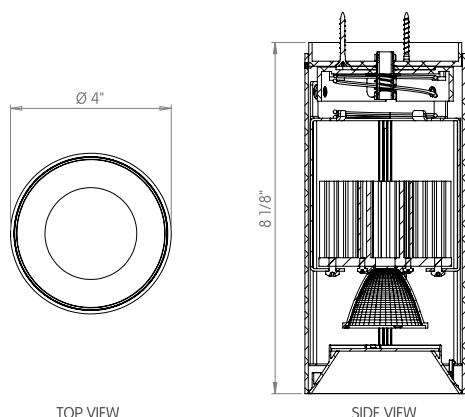


The Surface Chameleon cylinder is designed in continuity with the Chameleon family, offering a unified aesthetic with increased versatility. Engineered for architectural applications, this range supports multiple lighting needs through its three variations: "Surface Chameleon Fixed" for general downlighting, "Surface Chameleon Wallwash" for uniform asymmetrical illumination, "Surface Chameleon Adjustable" for adaptive accent lighting. Featuring a fully adjustable light source with a seamless integrated tilt and rotation mechanism.

The Surface Chameleon range allows seamless integration of various lighting applications within the same ceiling layout, maintaining a consistent form factor and refined appearance throughout.

- Available for various applications: Downlighting, Wallwashing, and Directional Lighting
- Up to 2746 lm delivered output
- Surface Installation
- High CRI, up to 97+ CRI (available upon request)
- Available in Static CCTs, RGBW, Dim-to-Warm, and Tunable White
- Compatible with optical accessories
- 5-year limited warranty

Code example: **SC-F**SW-L10O-WW-S927-9-L



| Series      | Mounting                 | Trim Color      | Output                            | Voltage                                                | Control                       |
|-------------|--------------------------|-----------------|-----------------------------------|--------------------------------------------------------|-------------------------------|
| <b>SC-F</b> | <b>S</b> Surface Mounted | <b>W</b> White  | <b>L<sup>1</sup></b> 10W (1296lm) | <b>U<sup>5</sup></b> 120V<br>Universal<br>120V to 277V | <b>O</b> Non-Dim              |
|             |                          | <b>B</b> Black  | <b>M<sup>1</sup></b> 12W (1512lm) |                                                        | <b>1</b> 0-10 to 1%           |
|             |                          | <b>S</b> Grey   | <b>H<sup>1</sup></b> 18W (2100lm) |                                                        | <b>2</b> 0-10<br>fade-off     |
|             |                          | <b>X</b> Custom | <b>V<sup>1</sup></b> 22W (2700lm) |                                                        | <b>D</b> Dali                 |
|             |                          |                 | <b>D<sup>2</sup></b> 10W (950lm)  |                                                        | <b>P</b> Phase ELV<br>& Triac |
|             |                          |                 | <b>W<sup>2</sup></b> 18W (1845lm) |                                                        | <b>L</b> Lutron               |
|             |                          |                 | <b>U<sup>3</sup></b> 10W (1000lm) |                                                        | <b>X</b> DMX                  |
|             |                          |                 | <b>A<sup>3</sup></b> 18W (1396lm) |                                                        |                               |
|             |                          |                 | <b>C<sup>4</sup></b> 16W (374lm)  |                                                        |                               |
|             |                          |                 |                                   |                                                        |                               |

| Housing                  | Ref. Color               | IP Rating    | Optics Type                              | LED CRI         | LED CCT                             | Emergency        | Accessories             |
|--------------------------|--------------------------|--------------|------------------------------------------|-----------------|-------------------------------------|------------------|-------------------------|
| <b>O</b> Octagonal J-Box | <b>W</b> Flat White      | <b>D</b> Dry | <b>S</b> 10°                             | <b>9</b> 90     | <b>27</b> 2700K                     | <b>N</b> No      | <b>O</b> No Accessories |
| <b>N</b> No J-Box        | <b>B</b> Flat Black      | <b>W</b> Wet | <b>M</b> 25°                             | <b>T</b> Thrive | <b>30</b> 3000K                     | <b>9</b> 90 mins | <b>T</b> Clear Lens     |
|                          | <b>N</b> Black Nickel    |              | <b>F</b> 35°                             |                 | <b>35</b> 3500K                     |                  | <b>L</b> Diffuse lens   |
|                          | <b>C</b> Specular Chrome |              | <b>W</b> 50°                             |                 | <b>40</b> 4000K                     |                  | <b>F</b> Solite Lens    |
|                          | <b>D</b> Diffuse Chrome  |              | For other<br>beam option,<br>refer to P2 |                 | <b>WD<sup>6</sup></b> 3000K - 1800K |                  |                         |
|                          | <b>G</b> Bright Gold     |              |                                          |                 | <b>TW<sup>7</sup></b> 2700K - 5000K |                  |                         |
|                          | <b>E</b> Diffuse Gold    |              |                                          |                 | <b>CC</b> RGBW                      |                  |                         |
|                          | <b>X</b> Custom          |              |                                          |                 |                                     |                  |                         |

### Notes:

<sup>1</sup> Denotes output at 3000K, unless otherwise noted.

<sup>2</sup> Denotes output specific to Dim-to-Warm at 3000K.

<sup>3</sup> Denotes output specific to Tunable White at full on.

<sup>4</sup> Denotes output at White, 3000K.

<sup>5</sup> Not applicable for ELV dimming.

<sup>6</sup> Tunable White available in 0-10V, DMX and DALI.

<sup>7</sup> Diffuse lenses available in different angles.

Consult factory for lead-times.

Bold Lighting reserves the right to make technical changes without notice.



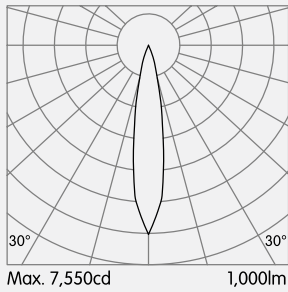
**Bold Lighting**

4710 Ecton Dr., Marietta, GA 30066, USA  
info@boldlighting.us www.boldlighting.us

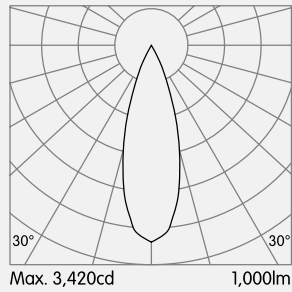
t: +1-678-903-4061

## Photometric data: Type C Polar Curves

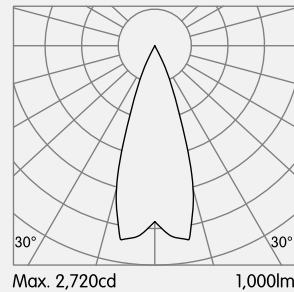
Narrow Distribution 10°



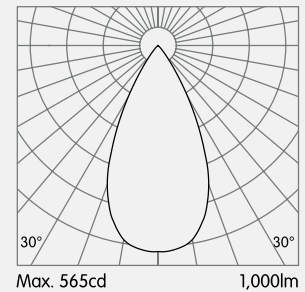
Medium Distribution 25°



Flood Distribution 35°



Wide Distribution 50°



### Notes:

Other beam distribution available on demand. Please consult factory.

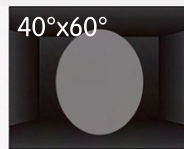
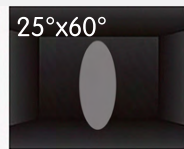
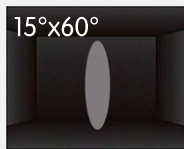
## Beam distribution and combination



10° + Diffuse lens

25° + Diffuse lens

50° + Diffuse lens



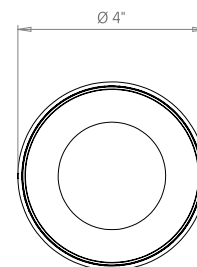
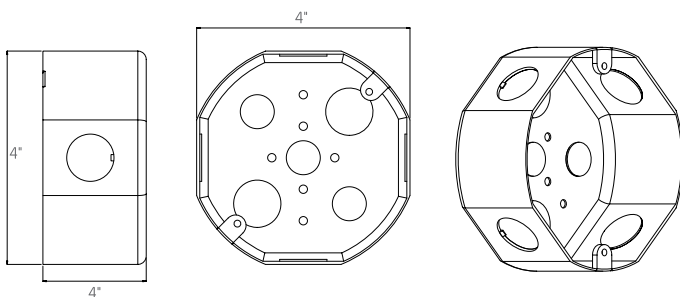
10° + Elliptical spread lens (10x60)

25° + Elliptical spread lens (10x60)

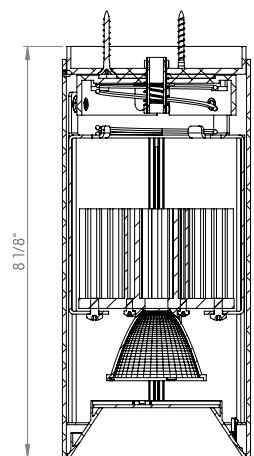
35° + Elliptical spread lens (10x60)

## 2D DRAWINGS

### Octagonal J-Box



TOP VIEW



SIDE VIEW



CCC Certified  
to GB7000



JA8 Certified  
to Title 24  
standards

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4710 Ecton Dr., Marietta, GA 30066, USA  
info@boldlighting.us www.boldlighting.us t: +1-678-903-4061

## DELIVERED LUMEN OUTPUT

| Output                       |     | Watts   |  |         |  | CRI +90 |  |        |  |
|------------------------------|-----|---------|--|---------|--|---------|--|--------|--|
| STATIC-WHITE                 |     | 2700K   |  | 3000K   |  | 4000K   |  |        |  |
| L                            | 10W | 1098 lm |  | 1296 lm |  | 1320 lm |  |        |  |
| M                            | 12W | 1450 lm |  | 1512 lm |  | 1597 lm |  |        |  |
| H                            | 18W | 1950 lm |  | 2100 lm |  | 2190 lm |  |        |  |
| V                            | 22W | 2645 lm |  | 2700 lm |  | 2746 lm |  |        |  |
| DIM-TO-WARM<br>3000K-1800K   |     | 2700K   |  | 3000K   |  |         |  |        |  |
| D                            | 10W |         |  | 950 lm  |  |         |  |        |  |
| W                            | 18W |         |  | 1845 lm |  |         |  |        |  |
| TUNABLE WHITE<br>2700K-6500K |     | 2700K   |  | 6500K   |  |         |  |        |  |
| U                            | 10W | 849 lm  |  |         |  | 1000 m  |  |        |  |
| A                            | 18W | 1152 lm |  |         |  | 1396 lm |  |        |  |
| RGBW                         |     | R       |  | G       |  | B       |  | W      |  |
| L                            | 4W  | 86 lm   |  | 498 lm  |  | 101 lm  |  | 374 lm |  |
| TOTAL                        | 16W |         |  |         |  |         |  |        |  |



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