



|                |      |
|----------------|------|
| Catalog Number |      |
| Project        | Type |

## FEATURES & SPECIFICATIONS

**APPLICATION** — The DCS Small Die Cast Area Light is designed for general-purpose area lighting. It is the perfect choice for lighting large open areas for safety and security. Wide roadway applications, parking areas, or even wall mount applications for security lighting are all suitable applications for this fixture. The small size and multiple mounting options make this fixture economical and versatile.

**CONSTRUCTION** — The housing and door frame are constructed of die cast aluminum. The flat tempered glass lens is sealed in place and a door gasket is provided for weather tight protection. ETL listed for wet locations.

**FINISH** — A Super Durable Polyester powder coat finish is electrostatically applied in our state of the art paint facility. Standard colors available: Black, Bronze, US Green, White. Custom colors available upon request.

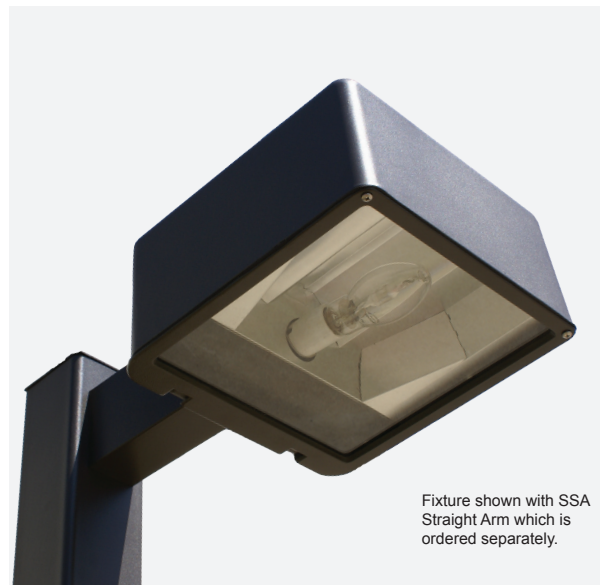
**OPTICAL SYSTEM** — Made with a state of the art high performance reflectors that use high gloss components to achieve precise photometric distributions. The fixture is a full cut-off light fixture and is Dark-Sky Friendly in the horizontal position only.

**ELECTRICAL SYSTEM** — Available in 50W thru 175W standard metal halide, pulse-start metal halide, and high pressure sodium. Comes standard with a 4KV pulse rated mogul base socket. Each 60HZ CWA Multi-Tap<sup>1</sup>, 480V, or 120V NPF (HPS Only) ballast is pre-wired and installed for convenience.

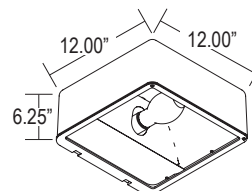
**MOUNTING** — Standard mounting options include 2", 8" and 10.75" Straight Arms with internal bolt guides for square and round pole mounting on shoe-box models. 2" Adjustable Slip Fitter and Yoke Mount available for floodlight models. Additional mounting options are available.



## Small Die Cast Area Light DCS SERIES



Fixture shown with SSA Straight Arm which is ordered separately.



| Series     | Housing Height | Length & Width  |
|------------|----------------|-----------------|
| <b>DCS</b> | 6.25"          | 12.00" x 12.00" |

## ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

Example: **DCSB1AL1-PS-BZ**

| DCSB1        |                                |   |                                    |                                 |                       |                                |  |
|--------------|--------------------------------|---|------------------------------------|---------------------------------|-----------------------|--------------------------------|--|
| Series       | Reflector                      | Wattage/Source                                |                                    | Voltage                         | Pulse-Start           | Finish                         |  |
| <b>DCSB1</b> | <b>A</b> Standard Flood        | <b>X</b> 42W Compact Fluorescent <sup>2</sup> | <b>K</b> 100W PS Metal Halide      | <b>1</b> Multi-Tap <sup>1</sup> | <b>PS</b> Pulse-Start | <b>BK</b> Black                |  |
|              | <b>B</b> Type IV Forward Throw | <b>H</b> 50W PS Metal Halide                  | <b>C</b> 100W High Pressure Sodium | <b>2</b> 480V                   |                       | <b>BZ</b> Bronze               |  |
|              | <b>C</b> Parking / Roadway     | <b>A</b> 50W High Pressure Sodium             | <b>V</b> 150W PS Metal Halide      | <b>3</b> 120V NPF <sup>3</sup>  |                       | <b>GR</b> OD Green             |  |
|              |                                | <b>J</b> 70W PS Metal Halide                  | <b>D</b> 150W High Pressure Sodium |                                 |                       | <b>USG</b> US Green            |  |
|              |                                | <b>B</b> 70W High Pressure Sodium             | <b>L</b> 175W Metal Halide         |                                 |                       | <b>WH</b> White                |  |
|              |                                |   |                                    |                                 |                       | <b>SP</b> Special <sup>4</sup> |  |

### Accessories (Order as separate line items)

|                          |                              |             |                                    |
|--------------------------|------------------------------|-------------|------------------------------------|
| <b>2AF</b>               | 2" Adjustable Slip Fitter    | <b>S113</b> | Small Back Side Shield             |
| <b>B15</b>               | Adjustable Yoke Mount        | <b>S106</b> | Small Three Sided Back Side Shield |
| <b>SSA-S<sup>5</sup></b> | 2" Straight Arm              | <b>S100</b> | Small Vandal Shield                |
| <b>SSA-M</b>             | 8" Straight Arm              | <b>S103</b> | Small Wire Guard                   |
| <b>SSA</b>               | 10.75" Straight Arm          |             |                                    |
| <b>P12KNK</b>            | 1/2" Adjustable Knuck Fitter |             |                                    |
| <b>S146</b>              | Small Visor Shield           |             |                                    |

### NOTES

- Multi-Volt is 120/208/240/277V wired 277V
- 42W Fluorescent is provided with a 120V Ballast. Use Multi-Tap designation when ordering.
- 120V NPF ballast only available in 50W thru 150W High Pressure Sodium.
- Custom RAL color matching is available. Contact your Techlight sale representative for additional information.
- SSA-S Arm cannot be used when pole mounting fixtures at 90° increments.

# DCS Small Die Cast Area Light

## MOUNTING ACCESSORIES

**2AF**  
2" Adjustable Slip Fitter



**P12KNK**  
1/2" Adjustable Knuck Fitter



**B15**  
Adjustable Yoke Mount



**SSA-S, SSA-M, SSA**  
2", 8" and 10.75" Straight Arms



## ADDITIONAL FIXTURE ACCESSORIES

**S146**  
Small Visor Shield



**S100**  
Small Vandal Shield



**S106**  
Small Three Sided Back Side Shield



**S113**  
Small Back Side Shield



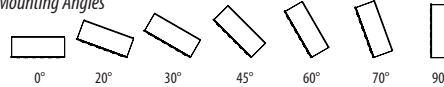
**S79**  
Small Wire Guard



## EFFECTIVE PROJECTED AREA (EPA) RATING

The Effective Projected Area (EPA) Rating is a calculation of the total surface area of a lighting fixture that will come in direct contact with wind gusts according to the shape and angle of the mounted fixture. This calculation measured in square feet (ft<sup>2</sup>) is used to determine the appropriate pole needed to safely mount the light fixtures in a given wind zone.

*Fixture Mounting Angles*



| MOUNTING | EPA |
|----------|-----|
| SSA-S    | 0.7 |
| SSA-M    | 0.8 |
| SSA      | 0.9 |

| MOUNTING  | 0°  | 20° | 30° | 45° | 60° | 70° | 90° |
|-----------|-----|-----|-----|-----|-----|-----|-----|
| 2AF / B15 | 0.7 | 0.9 | 1.0 | 1.2 | 1.2 | 1.2 | 1.2 |



- 2AF** 2" Adjustable Slip Fitter
- B15** Adjustable Yoke Mount
- SSA-S** 2" Straight Arm
- SSA-M** 8" Straight Arm
- SSA** 10.75" Straight Arm
- P12KNK** 1/2" Adjustable Knuck Fitter
- S146** Small Visor Shield

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