



# Model: S06-DC

S-SERIES, 6inch SURFACE MOUNT – DC<sub>input</sub>  
Low Profile, Fully Integrated LED Light Fixture

## SPECIFICATIONS & FEATURES

**WHERE TO USE** – Interior or exterior under covered surface, new construction and/or retro-fit installations where surface mount or recessed lighting is required. Install in RM, NC, IC, ICAT & Fire Rated applications.

**TYPICAL APPLICATIONS** – Commercial, hospitality, residential, and industrial locations where general illumination is required. Use in breezeways, corridors, offices, hotels, conference rooms, kitchens, multi-family, garages & more.

**DESIGN & CONSTRUCTION** – Patented low profile planer design utilizing Light Forward Heat Forward thermal management. 100% aluminum with 40% recycled content. Fixture is recyclable. Durable powder coated finish.

**MOUNTING/INSTALLATION** – *New Construction*: mounts directly into any standard 1900 (45) or Octagonal JBox. *Retrofit*: mounts directly into any 4" or larger recessed fixture with Silescent single or 2-piece mount kit.

**CEILING THICKNESS** – Up to 3 inches thick (ceiling depths > 3" available as custom).

**ULTRA LOW PLENUM** – Only requires the depth of installed J-Box.

**ELECTRICAL** – Low voltage input, Class 2 capable.

**DIMMING** – Digital control input using Silescent SimpleNet communications protocol and Silescent TouchControl wall switches. Custom interface capable using Silescent DCI modules. Provides smooth dimming throughout the dimming range (1 – 100%).

**LIGHT DISTRIBUTION** – Wide area dispersion, 170 degrees.

**ADVANCED INTELLIGENT LIGHT ENGINE** – Active thermal feedback monitors both LED & driver to protect against risk of overheating and assuring expected life.

**SERIAL NUMBER CONTROL** – Addresses legacy lighting concerns. Each light Engine is serial number controlled should a fixture fail & need to be repaired or replaced.

**LISTINGS & COMPLIANCE** – UL1598 surface mount listed Canada & US (ETL label), wet location under cover ceiling. IP65 & RoHS compliant.

**EXTRA LONG LIFE** – 100,000 operating hours (@ 10 hrs/day is > 27 years)

**WARRANTY** – 5 year limited warranty, both LED and driver. Full warranty details available at [www.silescent.com](http://www.silescent.com)

**MADE IN USA** – Both driver and fixture are designed, engineered and manufactured In Ft. Lauderdale FL (ARRA & NAFTA compliant).

## OPTIONS

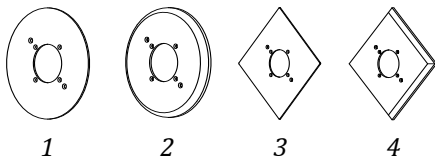
**TRIM RING STYLES** – Round-Flat, Round-Dish, Square-Flat, Square-Bevel.

**FINISH** – Powder Coat Finish Standard. Custom plating & colors available (RAL).

**LAMP TEMPERATURES (CCT)** – 2700, 3000, 3500, 4000 & 5000 Kelvin (CRI>80). 70 & 90 CRI available upon request.

**OPTICS** – Donut diffuser, Solid diffuser, Double diffuser & Vandal bezel. Provides wide area dispersion, ~170 degree beam spread.

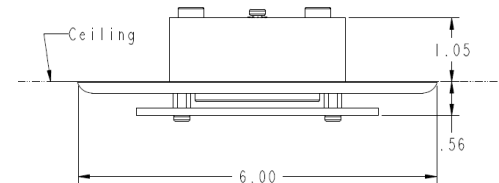
**Wattage Levels** – Available in 5, 10 & 15 watts. Custom wattages or lumen levels available upon request.



Item Code	Type
Project	
Comments	Date
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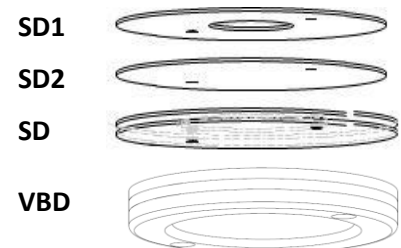
SD3 Optic Shown



## ELECTRICAL DATA

- **Operating Temp:** -40C to +40C
- **Ambient Temp:** <35C
- **Operating Voltage:**
  - **HD3** 42 – 60VDC (48VDC Nominal)
  - **DD3** 21 – 36VDC (24VDC Nominal)
- **Rated Wattage:** up to 20 watts (*see individual fixture photometrics*)

## Optic Options



## ORDERING INFORMATION

Sample Number: S062C01DD335SD115w

Series	Style/Size	Finish/Color	Driver	Color	Optics	Wattage Levels
S06	2	C01	DD3	35	SD1	15w
S06 - 6in Surface	1 - Round/Flat 2 - Round/Dish 3 - Square/Flat 4 - Square/Bevel	C01 - PC-White C08 - PC-Black	DD3 - 24VDC <sub>in</sub> HD3 - 48VDC <sub>in</sub>	27 - 2700K (80CRI) 30 - 3000K (80CRI) 35 - 3500K (80CRI) 40 - 4000K (80CRI) 50 - 5000K (80CRI)	SD1 - Donut SD2 - Solid SD3 - Dbl Diffuser VBD - Bezel Diffuser	05w - 5 watts 10w - 10 watts 15w - 15 watts



MADE IN USA

Silescent Lighting Corp. • 1417 S.W. 1<sup>st</sup> Ave. • Ft. Lauderdale, FL 33315 • P: 877.766.8448 • F: 954.206.0071 • [www.silescent.com](http://www.silescent.com) • [info@silescent.com](mailto:info@silescent.com)