



## S-Series, 5" SURFACE MOUNT – DC<sub>input</sub>

Low Profile LED Downlight

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

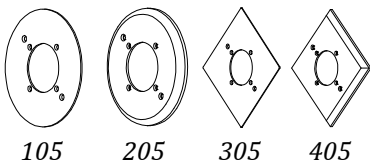
**FINISH** – Powder Coat Finish Standard. Custom plating & colors available (RAL).

**WATTAGE LEVELS** – Available in 5, & 10 watts. Custom wattages or lumen levels available upon request.

**LAMP TEMPERATURES (CCT)** – 2700, 3000, 3500, & 4000 Kelvin (CRI>80), 5000 Kelvin (65CRI), (5000 Kelvin, CRI>80 available upon request).

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

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



### ORDERING INFORMATION

Sample Number: S205C01DD335SD110w

| Series      | Style/Size                                                                                          | Finish/Color                     | Driver                                                    | Color                                                                                                                            | Optics                                                                   | Wattage Levels                  |
|-------------|-----------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------|
| S           | 205                                                                                                 | C01                              | DD3                                                       | 35                                                                                                                               | SD1                                                                      | 10w                             |
| S - Surface | 105 - Round/Flat, 5in<br>205 - Round/Dish, 5in<br>305 - Square/Flat, 5in<br>405 - Square/Bevel, 5in | C01 - PC-White<br>C08 - PC-Black | DD3 - 12/24VDC <sub>in</sub><br>HD3 - 48VDC <sub>in</sub> | 27 - 2700K (80CRI)<br>30 - 3000K (80CRI)<br>35 - 3500K (80CRI)<br>40 - 4000K (80CRI)<br>50 - 5000K (65CRI)<br>51 - 5000K (80CRI) | SD1 - Donut<br>SD2 - Solid<br>SD3 - Dbl Diffuser<br>VBD - Bezel Diffuser | 05w - 5 watts<br>10w - 10 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) • [sales@silescent.com](mailto:sales@silescent.com)

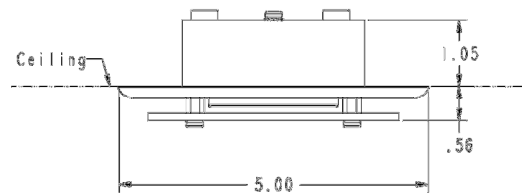
October 15, 2013

S2.1

|             |      |
|-------------|------|
| Item Code   | Type |
| Project     |      |
| Comments    | Date |
| Prepared by |      |



SD3 Optic Shown



### ELECTRICAL DATA

- **Operating Temp:** -40C to +75C
- **Ambient Temp:** <35C
- **Operating Voltage:**
  - **HD3** 42 – 60VDC (48VDC Nominal)
  - **DD3** 12 – 36VDC (12/24VDC Nominal)
- **Rated Wattage:** up to 10 watts (*see individual fixture photometrics*)

### Optic Options

