

## **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 (4S) 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 <a href="https://www.silescent.com">www.silescent.com</a>

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

## **OPTIONS**

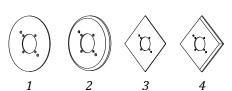
TRIM RING STYLES – Round-Flat, Round-Dish, Square-Flat, Square-Bevel.

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.



# Model: S06-DC

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

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	Comments	Date
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#### **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)

6.00

Optic Options SD1 SD2 SD SD VBD

Sample Number: S062C01DD335SD115w

### **ORDERING INFORMATION**

**Series** Style/Size Finish/Color Driver **Optics** Color Wattage Levels **S**06 DD3 C01 35 SD1 15w S06 - 6in Surface C01 - PC-White 27 - 2700K (80CRI) SD1 - Donut 1 - Round/Flat 05w - 5 watts **DD3** - 24VDC<sub>in</sub> 2 - Round/Dish CO8 - PC-Black 30 - 3000K (80CRI) SD2 - Solid 10w - 10 watts HD3 - 48VDC<sub>in</sub> 3 - Square/Flat 35 - 3500K (80CRI) SD3 - Dbl Diffuser 15w - 15 watts 40 - 4000K (80CRI) 4 - Square/Bevel VBD - Bezel Diffuser 50 - 5000K (80CRI) MADE IN USA