



## F-Series, 6" RECESSED LED – AC<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 3-1/2" deep 1900 (4S) or Octagonal JBox. *Retrofit*: mounts directly into any 4" diameter 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** – Approved for feed through wiring.

**DIMMING** – Provides both 120VAC phase dimming (conventional incandescent wall dimmer) and Silescent 4-wire digital SimpleNet control. See Silescent Dimming Capabilities and Compatibility chart at [www.silescent.com](http://www.silescent.com).

**LIGHT DISTRIBUTION** – 3 beam spread options: 90, 120, or 140 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 by Silescent Lighting in Ft. Lauderdale FL (ARRA & NAFTA compliant).

Item Code	Type
Project	
Comments	Date
Prepared by	

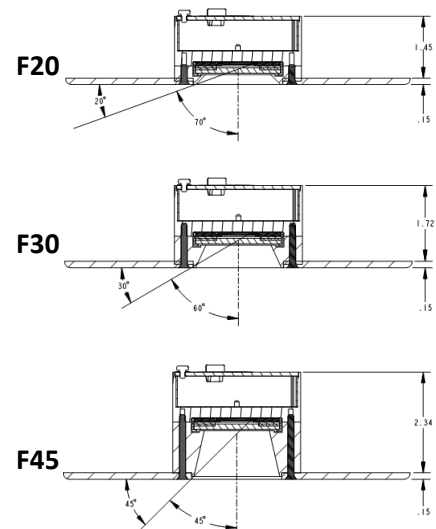


F30 Optic Shown

### ELECTRICAL DATA

- **Operating Temp:** -40C to +75C
- **Ambient Temp:** <35C
- **Operating Voltage:**
  - LP3 103 – 125VAC, 50 / 60 Hz
  - HS3 208 – 285VAC, 50 / 60 Hz
- **Nominal Voltage:** 120/240/277V (specify)
- **Rated Wattage:** up to 15 watts (*see individual fixture photometrics*)

### Optic Options



### OPTIONS

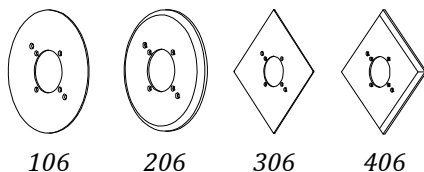
**FINISH** – Powder Coat Finish Standard. Custom plating & colors available (RAL).

**WATTAGE LEVELS** – Available in 5, 10 & 15 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** – 70 degree, 60 degree and 45 degree cutoff angles available.

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



### ORDERING INFORMATION

Sample Number: F206C01LP335F3015w

Series	Style/Size	Finish/Color	Driver	Color	Optics	Wattage Levels
F	206	C01	LP3	35	F30	15w
F - Recessed LED	106 - Round/Flat, 6in 206 - Round/Dish, 6in 306 - Square/Flat, 6in 406 - Square/Bevel, 6in	C01 - PC-White C08 - PC-Black	LP3 - 120VAC <sub>in</sub> , Phase HS3 - 277VAC <sub>in</sub> , SN HN3 - 277V <sub>in</sub> , On/OFF	27 - 2700K (80CRI) 30 - 3000K (80CRI) 35 - 3500K (80CRI) 40 - 4000K (80CRI) 50 - 5000K (65CRI) 51 - 5000K (80CRI)	F20 - 70° Cutoff F30 - 60° Cutoff F45 - 45° Cutoff	05w - 5 watts 10w - 10 watts 15w - 15 watts

