



F-Series, 8" RECESSED LED – AC_{input}

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.

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

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

OPTIONS

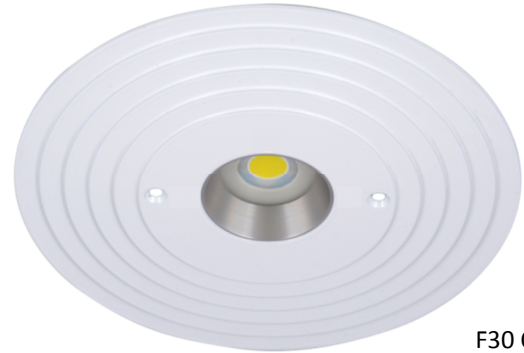
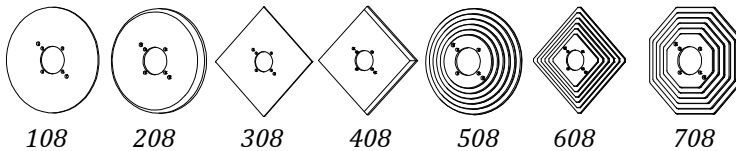
FINISH – Powder Coat Finish Standard. Custom plating & colors available (RAL).

WATTAGE LEVELS – Available in 10, 15 & 20watts. 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, Round-Step, Square-Step, Octagonal-Step.

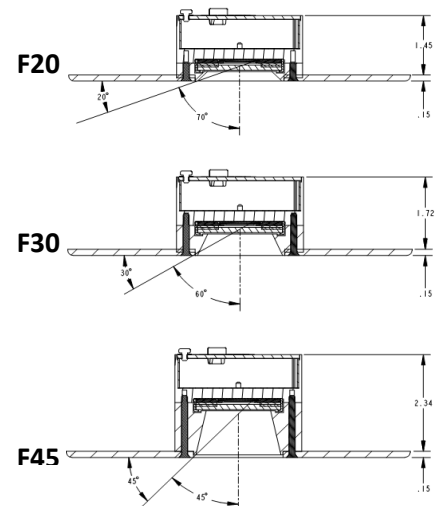


F30 Optic Shown

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 20 watts (see individual fixture photometrics)

Optic Options



ORDERING INFORMATION

Sample Number: F508C01LP335F3020w

Series	Style/Size	Finish/Color	Driver	Color	Optics	Wattage Levels
F	508	C01	LP3	35	F30	20w
F - Recessed LED	108 - Round/Flat, 8in 208 - Round/Dish, 8in 308 - Square/Flat, 8in 408 - Square/Bevel, 8in 508 - Round/Step, 8in 608 - Square/Step, 8in 708 - Octagonal/Step, 8in	C01 - PC-White C08 - PC-Black	LP3 - 120VAC _{in} HS3 - 240-277VAC _{in}	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 20w - 20 watts

