



F-SERIES, 8" RECESSEDLED – DC_{INPUT}

Low Profile LED Downlight
Fully Integrated LED Light Fixture

Item Code	Type
Project	
Comments	Date
Prepared by	

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 – 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 – 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 in Ft. Lauderdale FL (ARRA & NAFTA compliant).

OPTIONS

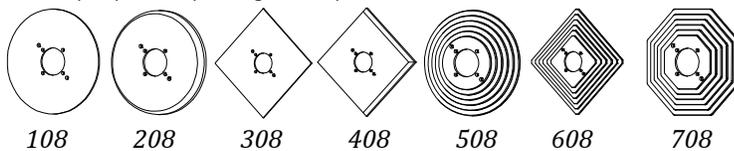
FINISH – Powder Coat Finish Standard. Custom plating & colors available (RAL).

WATTAGE LEVELS – Available in 10, 15, 20 & 25 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.

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



ORDERING INFORMATION

Series	Style/Size	Finish/Color	Driver	Color	Optics	Wattage Levels
F	508	C01	DD3	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	DD3 - 12/24VDC _{in} HD3 - 48VDC _{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 25w - 25 watts

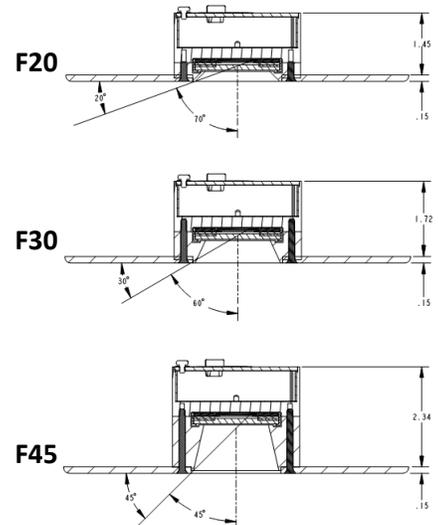


F30 Optic Shown

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 25 watts (*see individual fixture photometrics*)

Optic Options



Sample Number: F508C01DD335F3020w