



L.T.F.

SI Series Programmable LED Driver

DS30W-SIL3 Smart Interface Series 30W Constant Current & Constant Voltage



Wattage	30W
Power Factor	>0.95
Efficiency	Up to 80%
Protection	Input / Output
Dimming	Programmable 0-10V
Case Tc	90°C Max.
Storage	-30°C / +90°C
Humidity	95% RH Max.
IP Rating	IP20
Dimensions	280 x 30 x 26mm



PRODUCT DESCRIPTION

LTF SI Series Smart Interface Programmable LED drivers are high-performance power supplies, providing ultra-smooth, continuous <1% dimming for virtually any LED application.

Providing both constant current or constant voltage, it is the most versatile LED driver in the lighting industry due to its compatibility with a wide variety of LED arrays, multiple form factors, and numerous control options.

Over Temperature Protection (OTP) supports thermal feedback, providing extra protection for LED loads; controlled and adjusted by SI setting software to decrease output current.

SI Programmable Series drivers are an ideal solution for both enhanced flexibility and control of architectural lighting, as well as SKU reduction on the manufacturing side of OEM lighting.

FEATURES

- Flicker Free Dimming, 100% to <1%
- Dim-to-Off Programmable
- Set Minimum Dimming Level
- Set Dimming Curve Options:
Output Current, Soft-Start
- Constant Lumen Output
- End-of-life Indicator.
- Rated lifetime of 50,000 hours @ Tc = 75 °C.

SAFETY & CERTIFICATIONS

- UL Listed Class P
- UL8750, UL1310 Class 2, CSA22.2.
- EMC: FCC 47CFR Part 15 Class A
- Metal Enclosure
- ROHS Compliant
- NEMA1 Compliant for Dry & Damp Locations.
- Inrush Current Protection: AC Power Line:
line to line 6 Kv/0.5KA 8/20µs, line to ground
6 Kv/0.5KA 8/20µs.

ELECTRICAL SPECIFICATIONS

Model Number	Wattage	Input Voltage	Constant Current Output Range	Load	Dimming	IP Rating
DS30W1050C1255SIL3-0020	30W	120-277V AC 0.3A 50/60Hz	350mA - 1050mA	12V - 55V DC LED	Programmable 0-10V	IP20



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MECHANICAL SPECIFICATIONS

CAUTION:

- *Do not connect DIM+ to AC line or Output LED+.
- *Do not connect DIM- with AC line or output LED-