

■ Features

- Power Rating: 80W
- Input Voltage: 100-277Vac
- Constant current design
- Output current (1300-1800mA)
- Efficiency up to 88%
- SCP, OCP
- 0-10V/PWM/RX dimming
- 0-100% dimming range, Dim-to-off
- SELV output design
- 5-year warranty
- Surge Protection:1KV



*Product images are for illustrative purposes only and may vary from actual design.

■ Application

- Indoor or Outdoor lights

■ Model List*(See part number scheme for model number details)

Model Number	Input Voltage Range	Output Power	Output Voltage	Output Current Min.	Output Current Max.	Efficiency	Certification
LFWCD080S130ST-L	100-277Vac	52W	25-40V	1300mA	1300mA	88%	UL/cUL
LFWCD080S135ST-L	100-277Vac	54W	25-40V	1350mA	1350mA	88%	UL/cUL
LFWCD080S140ST-L	100-277Vac	56W	25-40V	1400mA	1400mA	88%	UL/cUL
LFWCD080S145ST-L	100-277Vac	58W	25-40V	1450mA	1450mA	88%	UL/cUL
LFWCD080S150ST-L	100-277Vac	60W	25-40V	1500mA	1500mA	88%	UL/cUL
LFWCD080S155ST-L	100-277Vac	62W	25-40V	1550mA	1550mA	88%	UL/cUL
LFWCD080S160ST-L	100-277Vac	64W	25-40V	1600mA	1600mA	88%	UL/cUL
LFWCD080S165ST-L	100-277Vac	66W	25-40V	1650mA	1650mA	88%	UL/cUL
LFWCD080S170ST-L	100-277Vac	68W	25-40V	1700mA	1700mA	88%	UL/cUL
LFWCD080S175ST-L	100-277Vac	70W	25-40V	1750mA	1750mA	88%	UL/cUL
LFWCD080S180ST-L	100-277Vac	72W	25-40V	1800mA	1800mA	88%	UL/cUL

■ Technical Data

Input Voltage	100-277Vac
Input Frequency	50/60Hz
Power Factor	PF>0.9@115Vac/230Vac/277Vac, 100% load
THD	<15%@115Vac/230Vac/277Vac, 100% load
Current accuracy	5%lo
Efficiency	88%@100-277Vac & 100% load,
Output Voltage	25-40V

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■ Technical Data(cont.)

Short-Circuit Protection	The Driver's input power will decrease to less than 5W, when short circuit occurs. The driver will auto-recover when the fault is removed
Open Circuit Protection	When the maximum output voltage is reached, will enter hiccup mode and will go into self-recovery after fault condition is removed.
Weight	210g
Dimensions	346x30.5x23mm
Packing	50pcs/carton; carton dimensions: 420x320x165mm

■ Safety Compliance

Safety	EN61347-1, EN61347-2-13; UL8750, CSA C22.2No.250.13-12
Insulation Resistance	Input to Output >100M Ohms/500Vdc/25°C
Dielectric Strength Hi-Pot	Primary to Secondary: 3750; 5mA; 60S; 50Hz, 10S
	Primary to Earth: 1500; 5mA; 60S; 50Hz, 10S
	Secondary to Earth: 500; 5mA; 60S; 50Hz, 10S
EMI Compliance	EN55015, EN61000-3-2, EN61000-3-3
EMS Compliance	EN61000-4-2,3,4,5,6,8,11, EN61547
ESD	Severity Level 3/3 ±8KV
	Severity Level 2/2 ±4KV
RF	80-1000MHZ; Severity Level 2/2 3V/M
	Performance Criterion A
EFT	Severity Level 2/2 1KV
	Severity Level 3/3 2KV
	Performance Criterion B

■ Dimming Feature

Dimming Function			0-10V			PWM			RX			
			✓			✓			✓			
0-10V	0	1	2	3	4	5	6	7	8	9	10	open
Ir	0	4.5%	16%	27%	38%	50%	62%	74%	85%	94%	99%	99%
PWM	0	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	open
Ir	0%	0%	14%	25%	37%	49%	61%	73%	85%	92%	99%	99%
RX	0	2.2K	3.6K	5K	7K	9K	12K	14.5K	18K	23.5K	50K	
IR	0	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	

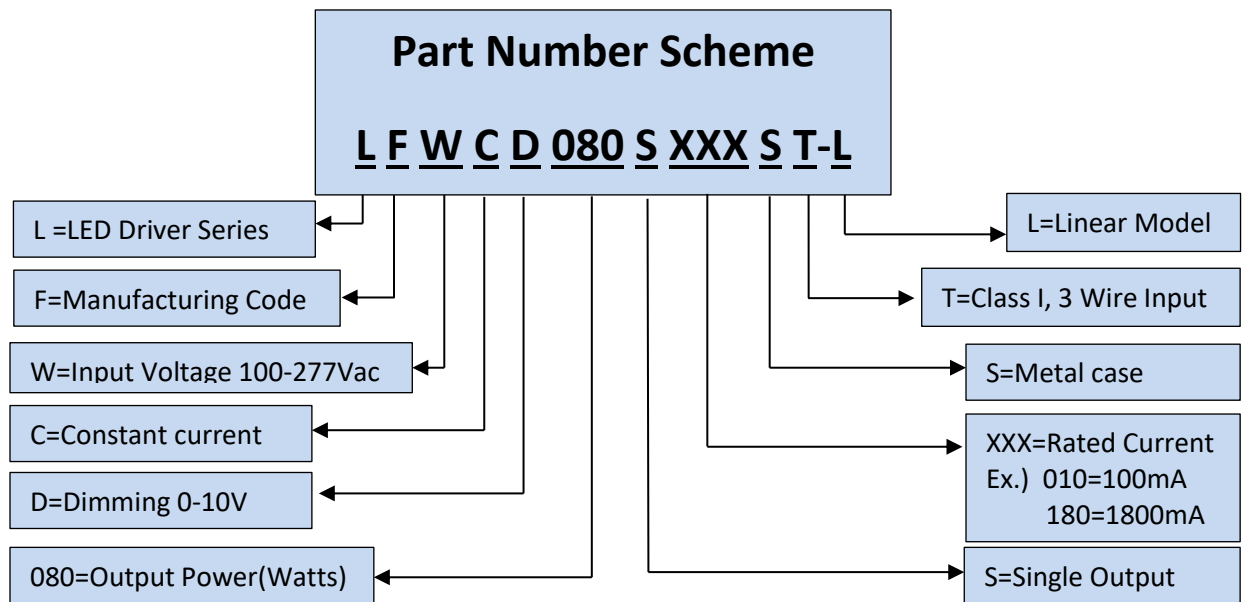
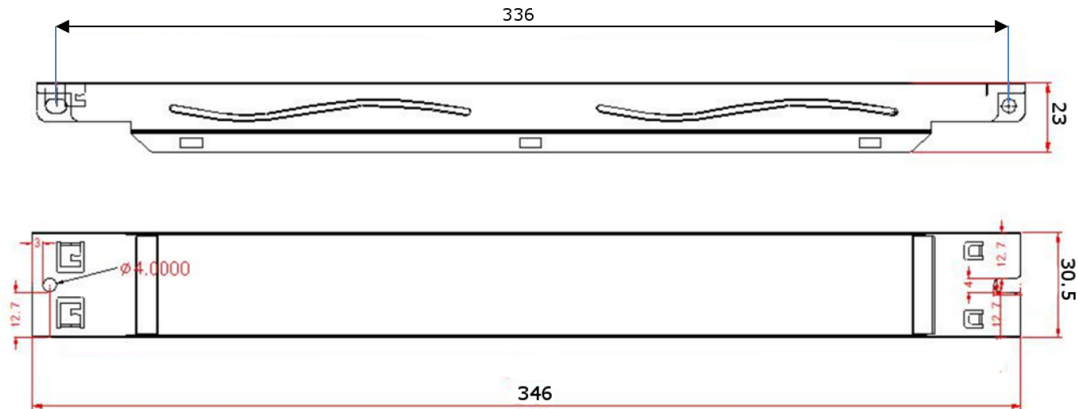
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■ **Mechanical Diagram**



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***Specifications are subject to change without notice. Autec is not responsible for issues arising from errors or omissions.**

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