

TYPE PROJECT FIRM DATE

PS100
Power Supply



OptoLum power supplies are use to convert AC power ranges to low voltage DC power.

The PS100 with dimming includes 0-10V flying leads and 24VDC output. The PS100 non-dimming version will only have 24VDC output.



Electrical	Input Voltage Range	110-277VAC
	Max Power	100W Max
	Output Current	4.2 A Max.
	Output Voltage	24 VDC, ±5%
	Power Factor	>0.9/<20%
	Efficiency	87%
	Power Protection	Voltage and current automatic recovery
Environmental	Operating Temp	-40°~50° C
	Storage Temp	-40°~85°C
	MTBF	>100,000 hours at full load and 25°C ambient conditions (MIL-217F)
	Location	Suitable for Dry, Damp, and Wet Location, Meets IP66
Certification & Safety	UL	UL8750, Class 2
	IP Rating	IP 66
Physical	Dimensions	10.95"x2.52"x1.65" (278x64x42mm)
	Leads	11' lead length standard for dimming and non-dimming
Dimming	Protocol	0-10V

PS100 ORDERING CODE Example: PS100-277-0-10V-1-2--66

PRODUCT	DIMMING	LEADS	PRODUCT CONNECTION	CONNECTION RATING
100-277-				
PS	0-10V- 0-10V ----- No Dimming	1- 1 2- 2 3- 3	2-- Trim, EcoLine, StreamLine, FineLine, Brite Line, OptoLine LO 3-- DL/TL OptoLine HO LR- LightRail LL- LightLam	-- Dry Location 67 IP 67