

TYPE PROJECT FIRM DATE

PS100X

Power Supply



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

OptoLum standard dimming power solutions are shipped with the OptoLum 0-10V dimming interface.



| | | |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Electrical | Input Voltage Range | 90-305VAC |
| | Max Power | 96W |
| | Output Current | 4 A |
| | Output Voltage | 24 VDC |
| | Power Factor | >0.98/115VAC, >0.95/230VAC, >.92/277VAC |
| | Efficiency | 93% |
| | Power Protection | Voltage and current automatic recovery |
| Environmental | Operating Temp | -40°~90° C |
| | Storage Temp | -40°~80°C, 10~95% RH |
| | MTBF | 192.2K hrs. min. MIL-HDBK-217F (25°C) |
| | Location | Suitable for Dry, Damp, and Wet Location, Meets IP67 |
| Certification & Safety | UL | UL8750 (type HL), class 2 |
| | IP Rating | IP 65 or 67 |
| Physical | Dimensions | 8.66"x2.68"x1.53" (220x68x38.8mm) |
| | Leads | Standard lead length is 11'-0" for non dimming supplies 12" for dimming supplies |
| Dimming | Protocol | 0-10V |
| | OptoLum dimming power solutions are shipped with the OptoLum 0-10V dimming interface. Non-dimming OptoLum power supplies will not be capable of interfacing with another manufacturer's 0-10V dimming systems | |

DIMMING

| | |
|---------------|------------|
| 0-10V- | 0-10V |
| ----- | No Dimming |

PS100X ORDERING CODE *Example: PS100X277-0-10V-1-2--67*

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