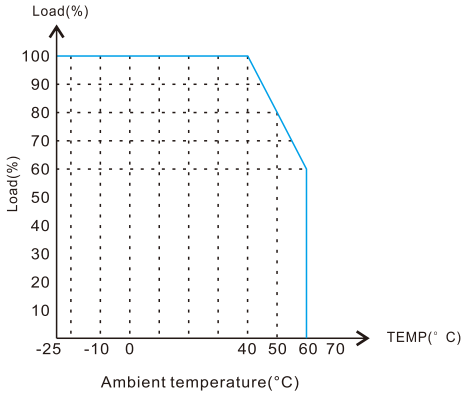
NeonPro® By Hyrite Lighting Co.

Installation Guide

1 . Loading vs Ambient temperature

① It's recommended to use no more than 80% of the rated wattage of a power supply for longer life span and higher reliability.

② When used in an ambient temperature of over 40°C, it's recommended to reduce the load as below chart.

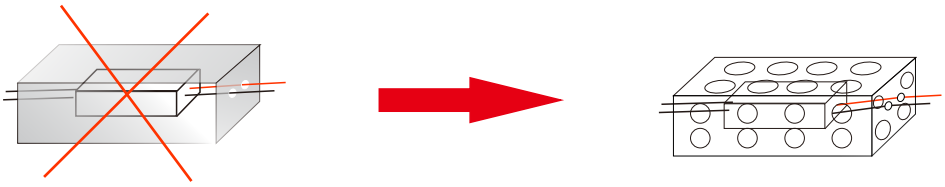


ambient 50°C → 80% of rated wattage

ambient 60°C → 60% of rated wattage

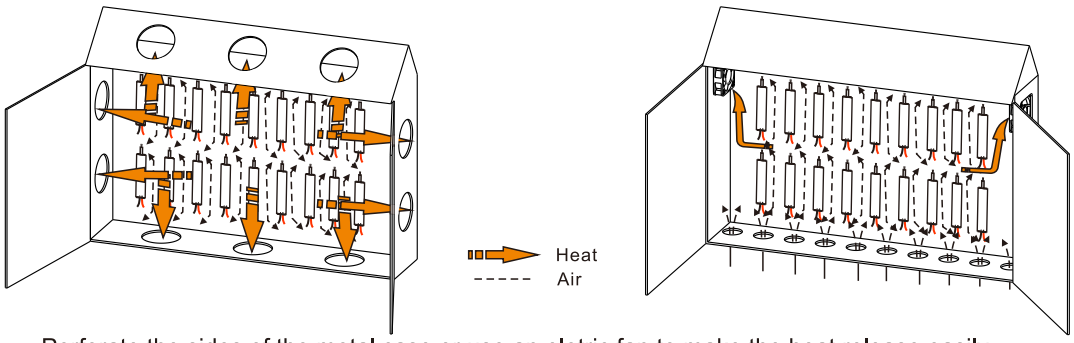
2 . Ventilation and Spacing

① Ventilation is improtant for a power supply



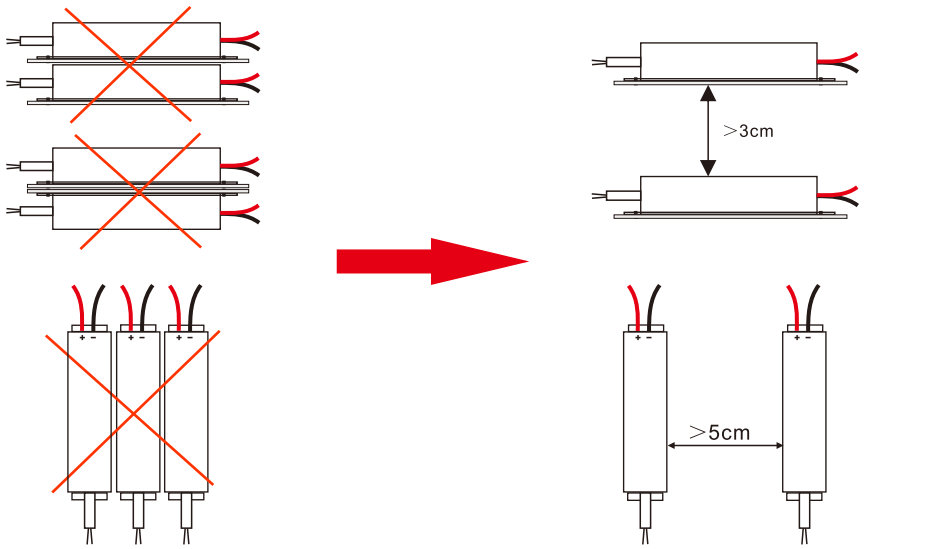
Do not install the power supply in a place that is completely sealed.

If installed inside a box or closed place, make sure to have enough holes for ventilation.



Perforate the sides of the metal case or use an eletric fan to make the heat release easily

② Keep a certain distance between power supplies to avoid interference with each other and help heat dissipation.



Too close

Distance between power supplies should be no less than 5cm

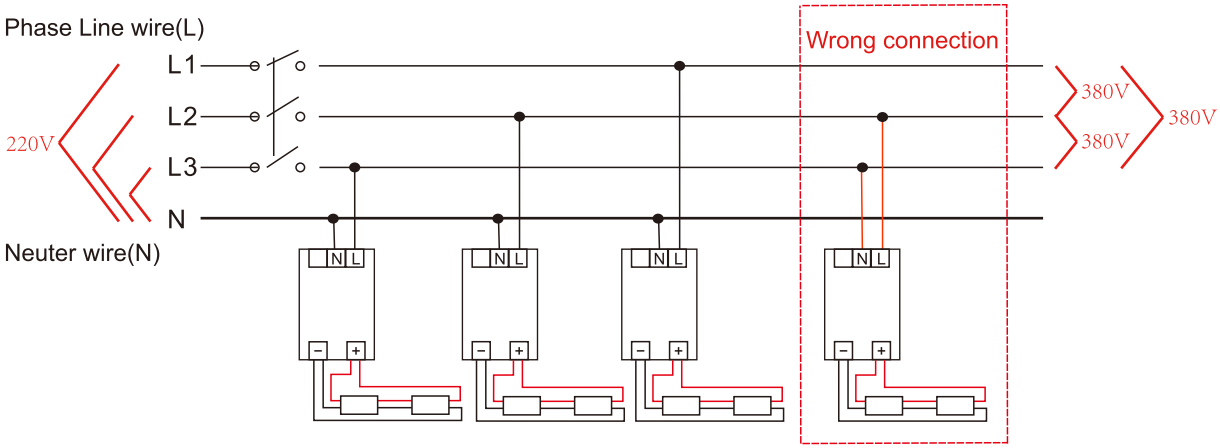
3 . Wiring in 3-phase power system

If power supplies are used in 3-phase power system like below, please make sure:

① No switch is in the Neuter wire(N)

② Loading of each Phase Line wire (L) should be equal as possibe

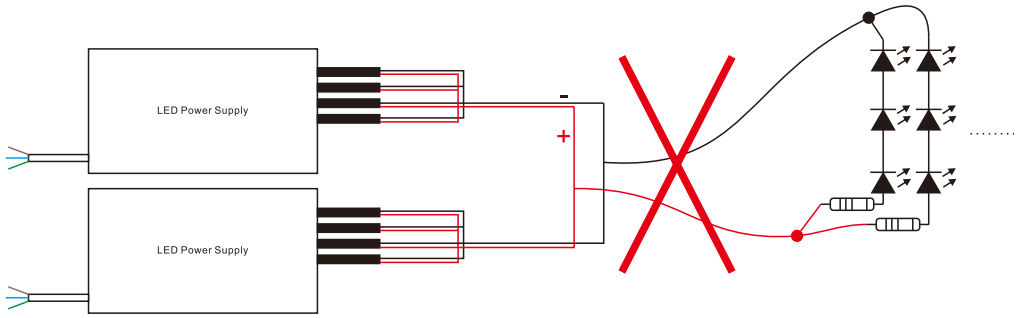
③ Make sure N wire will not get disconnected at anytime



Warning: Misconnecting the power supply to L-L (380VAC) will damage the power supply immediately. Make sure the input voltage of the power supply is correct (220-240VAC)before switching on the power.

4. Output connections

① Parallel connection for output from 2 power supplies is not allowed



② It is allowed to use parallel connection for outputs from 1 power supply