

24V Dim to Warm Power Requirements

Power Source	Maximum Length of COB Strip	Recommended 80% Load
90 Watt Mean Well Direct-Wire Driver	173" (14ft)	72 Watts
96 Watt Plug-In Power Supply (4 AMP)	184" (15ft)	76.8 Watts
96 Watt EMCOD 5-in-1 Universal Driver (PWM Dimming)	184" (15ft)	76.8 Watts
100 Watt Mean Well (ELG-150) Direct-Wire Driver	192" (16ft)	80 Watts
150 Watt Mean Well (ELG-200) Direct-Wire Driver	288" (24ft)	120 Watts
200 Watt EMCOD 5-in-1 Universal Driver (PWM Dimming)	384" (32ft)	160 Watts
240 Watt Mean Well (HLG-240) Direct-Wire Driver	461" (38ft)	192 Watts
300 Watt EMCOD 5-in-1 Universal Driver (PWM Dimming)	576" (48ft)	240 Watts
320 Watt Mean Well (HLG-320) Direct-Wire Driver	614" (51ft)	256 Watts

***Voltage Drop:** Individual runs over **144"** may experience visible voltage drop. To minimize, power long runs from the center. Maximum recommended run length is **288"**.

****Power Source Load:** For best performance and longevity, operate transformers at **no more than 80%** of their rated capacity.

*****Power Compatibility:** Recommended for use with Plug-In Power Supplies, EMCOD 5-in-1 Universal utilizing low-voltage PWM dimming ONLY, and Mean Well drivers. **Not recommended for us with dimmable transformers .**

******Note:** Power requirements may vary depending on system configuration. Values shown are conservative estimates for general reference. For assistance with complex systems, contact orders@inspiredled.com or design@inspiredled.com