

## 12V COB Power Requirements

Power Source	Maximum Length of COB Strip	Recommended 80% Load
12 Watt Plug-In Power Supply (1 AMP)	32" (3ft)	9.6 Watts
20 Watt LinDrive Transformer	53" (4ft)	16 Watts
24 Watt Plug-In Power Supply (2 AMP)	64" (5ft)	19.2 Watts
40 Watt LinDrive Transformer	107" (9ft)	32 Watts
60 Watt EMCOD 5-in-1 Universal Driver	160" (13ft)	48 Watts
60 Watt Mean Well Direct-Wire Driver	160" (13ft)	48 Watts
60 Watt Plug-In Power Supply (5 AMP)	160" (13ft)	48 Watts
100 Watt EMCOD 5-in-1 Universal Driver	267" (22ft)	80 Watts
200 Watt EMCOD 5-in-1 Universal Driver	533" (44ft)	160 Watts
264 Watt Mean Well (HLG-320) Direct-Wire Driver	704" (59ft)	211.2 Watts
300 Watt EMCOD 5-in-1 Universal Driver	800" (67ft)	240 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 LinDrive, E-Series, EMCOD 5-in-1 Universal, and Mean Well drivers. ***Not recommended for us with magnetic 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](mailto:orders@inspiredled.com) or [design@inspiredled.com](mailto:design@inspiredled.com)