

24V COB Power Requirements

Power Source	Maximum Length of COB Strip	Recommended 80% Load
20 Watt LinDrive Transformer	61" (5ft)	16 Watts
40 Watt LinDrive Transformer	122" (10ft)	32 Watts
60 Watt LinDrive Transformer	183" (15ft)	48 Watts
90 Watt Mean Well Direct-Wire Driver	274" (23ft)	72 Watts
96 Watt Plug-In Power Supply (4 AMP)	293" (24ft)	76.8 Watts
96 Watt EMCOD 5-in-1 Universal Driver	293" (24ft)	76.8 Watts
200 Watt EMCOD 5-in-1 Universal Driver	610" (51ft)	160 Watts
240 Watt Mean Well Direct-Wire Driver	731" (61ft)	192 Watts
300 Watt EMCOD 5-in-1 Universal Driver	914" (76ft)	240 Watts

***Voltage Drop:** Individual runs over **216"** may experience visible voltage drop. To minimize, power long runs from the center. Maximum recommended run length is **432"**.

****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 or design@inspiredled.com