

LED Circuit & Power Supply Guidelines

“HOW TO SELECT YOUR LED CIRCUIT & POWER SUPPLY”

Use 'Table 1' to determine the maximum allowable number of LED's in any one Power Supply.

Table 1 - Number of LED's per Power Supply (Maximum)		
LED Type	5 amp	2.5 amp
Twister	100	50
Twister Nano	130	65
PZ	40	20
Nitro	40	20
EI Plato	16	8
Twister Star	120	60
SIGN-LED	150	75

Table 2 - Cable Sizing for LED 'Circuits' (Minimum)	
Cable length from Power Supply to Sign Terminals	Recommended minimum cable size
Up to 2m	1.0 mm ²
2m to 4m	1.5 mm ²
4m to 6m	2.5 mm ²
6m to 10m	4.0 mm ²

FOR FLEXIBILITY AND EASE WE RECOMMEND 'TRI' RATED CABLE OR FLEX *

Table 3 - Max number of modules before wire back is required (in any one circuit)	
Twisters	30 off
Nano	70 off
PZ	20 off
EI Plato	8 off
Stars	60 off
SIGN LED's	70 off