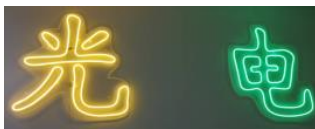




TECHNICAL DATA SHEET

Neon Flex 8x16



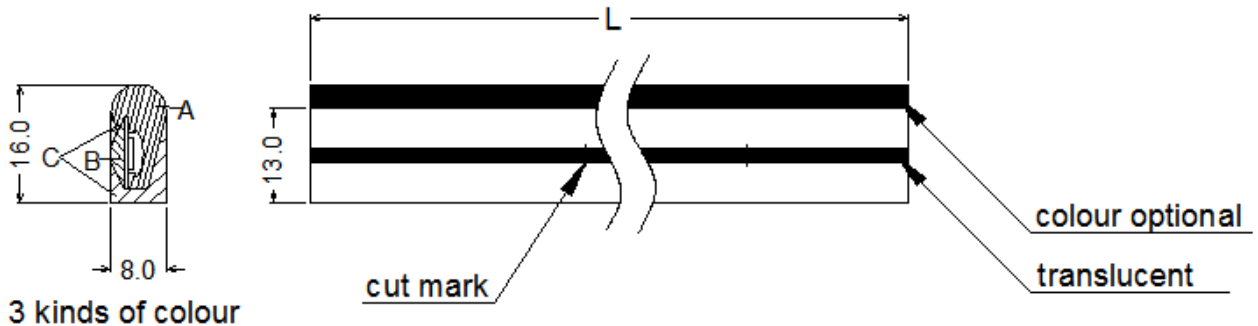
1. Features

- ✦ Side bending and Top lighting
- ✦ Enhanced SMT LED inside
- ✦ 3-color silicone extrusion
- ✦ IP65 and salt-mist proof
- ✦ L70B50 >25,000hrs
- ✦ Easy installation and re-connect accessories
- ✦ Bending angle: nearly 360°

2. Applications

- ✦ Neon tube light source
- ✦ General and cove lighting

3. Dimensions



Notes:

1. Unit: mm
2. Strip L = 5 meters in standard configuration, max 50m per roll.

4. Environmental and Application Conditions

Ambient temperature range (TA on free air)	-40°C ~..+55°C
Operating (case) temperature range (TC)	-40°C ~..+65°C
Storage temperature range	-40°C ~..+85°C
IP rating	IP65

5. Electrical parameters

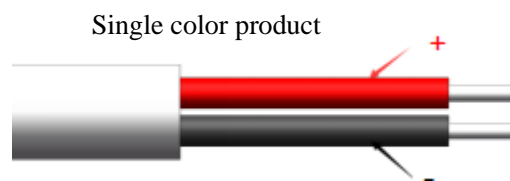
Item	NH-S-0816-12
Supply voltage rated	12.0 VDC
Supply Current rated (per meter)	750 mA
Power rated (per meter)	9 W
Max. length for single end power-in	5 meters
Max. length for two ends power-in	10 meters
Cutting unit length	25mm

6. Optical parameters

7.

Colorimetric Parameters		Product Flux	CRI
Color	Value	Typ. Lumen	
Cool White	10 000K	400 lm	80 tpy
Warm White	3 000K	400 lm	80 tpy
Red	620-630nm	TBD	N.A
Green	520-530nm	TBD	N.A
Blue	460-470nm	TBD	N.A
Pink	380-440nm	TBD	N.A
Golden yellow	600-605nm	TBD	N.A
Lemon yellow	570-580nm	TBD	N.A
cyan	480-485nm	TBD	N.A
RGB	RGB	TBD	N.A

8. Wiring



9. Attention

- a. The LED neon itself and all its components may not be mechanical stressed.
- b. Please ensure that the power supply is adequate power to operate the total load. Only qualified personnel should be allowed to perform installations.
- c. The design of the housing should be according to the IP standards in the application. Recommend using indoor.
- d. If surge protection structure not within power supplier, a lightening protector should be needed additionally.
- e. Before cutting and making reconnection, please read the user manual, and please ensure you have read and fully understood it.