light culture
INSPIRED LIGHT

NEON Y3 | 13W/M | RGB

CODE: NEON Y3-13W-RGB

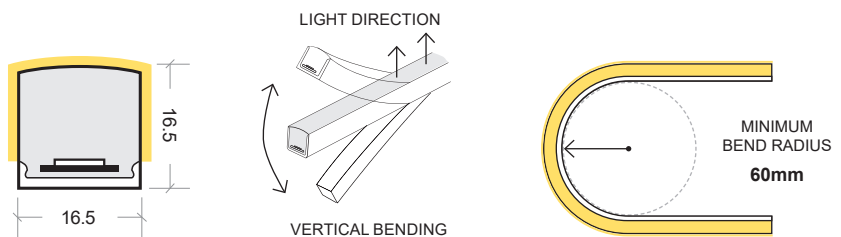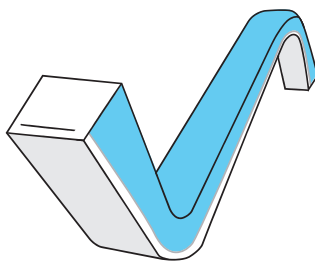| COLOUR	LUMENS
RED	83lm/m
GREEN	245lm/m
BLUE	46lm/m
RGB (WHITE)	350lm/m

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE
IES FILES AVAILABLE

APPLICATIONS

– Creative colour installations. Theatres, bars, restaurants, and retail
– Cove lighting, handrails, or toekicks
– Architectural features
– Exterior or interior installations
– Swimming or feature pools

FEATURES

– 3-sided illumination spreads light over wider area
– UV & flame resistant
– Suitable for use around salt or chlorinated water

LIGHT DIRECTION

16.5

16.5

VERTICAL BENDING

MINIMUM BEND RADIUS
60mm

LED WATTS	13W/m
INPUT VOLTS	24V DC Constant Voltage
OPERATING TEMP.	-25°C ~ +50°C
MAX. RUN PER POWER FEED	10m using one feed 20m using two feeds

BEAM ANGLE	210°
LED TYPE	Epistar SMD LED 5050
LED QTY	72 LED/m
SOURCE LIFE	50,000 hours
WARRANTY	5 years

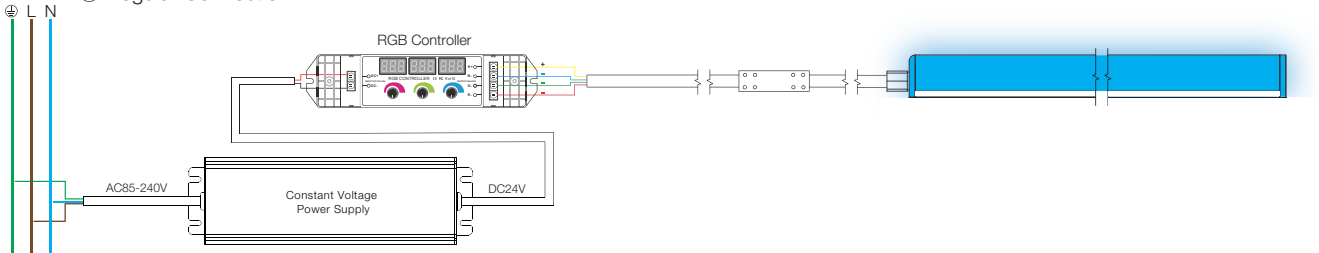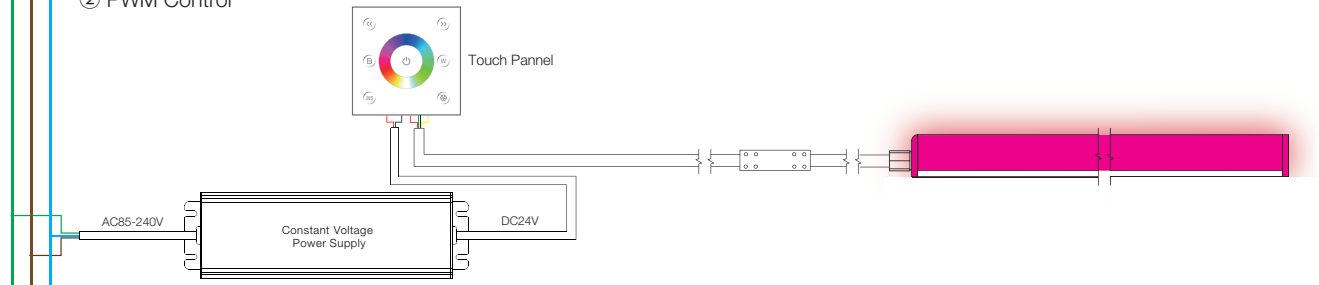|	
DIMENSIONS	W16.5 × H16.5mm
BEND DIRECTION	Vertical bending
CUTTING LENGTH	83.3mm
MINIMUM BEND RADIUS	60mm
HOUSING	UV & flame resistant white PVC
INGRESS PROTECTION	IP67 Snap Connector or IP68 Injection Moulding *Protection established by use of connection type*
CONTROL	Requires 3-channel controller
MOUNTING	Profile and clips available

NEON Y3 | 13W/M | RGB | CONNECTION DIAGRAMS

FG⏚(Green)
AC/L(Brown)
AC/N(Blue)

⏚ L N

① Regular Connection

RGB Controller

AC85-240V

Constant Voltage
Power Supply

DC24V

② PWM Control

Touch Pannel

AC85-240V

Constant Voltage
Power Supply

DC24V

③ DMX Control

SCANNER BUTTONS   SCENE BUTTONS

DMX512 Console

SPEED   FADE TIME

DMX512-PWM
Decoder

AC85-240V

Constant Voltage
Power Supply

DC24V

⏚ L N

Actual product characteristics may vary

www.lightculture.com.au