lightculture
INSPIRED LIGHT

NEON Y3 | 10W/M | SINGLE COLOUR

CODE: NEON-Y3-10W-XX

Colour eg 27 / 30 / 40 / B

| COLOUR	LUMENS
2200K +/- 145K *(22)*	530lm/m
2700K +/- 145K *(27)*	554lm/m
3000K +/- 175K *(30)*	561lm/m
3500K +/- 275K *(35)*	558lm/m
4000K +/- 275K *(40)*	553lm/m
4500K +/- 275K *(45)*	560lm/m
5000K +/- 300K *(50)*	580lm/m
6500K +/- 520K *(65)*	585lm/m
Green *(G) 520–530nm*	500lm/m
Blue *(B) 455–465nm*	62lm/m
Pink *(P) 610–620nm*	170lm/m

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

APPLICATIONS

– Theatres, bars, restaurants, & retail
– Cove lighting
– 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

16.5
16.5

LIGHT DIRECTION

VERTICAL BENDING

MINIMUM BEND RADIUS
60mm
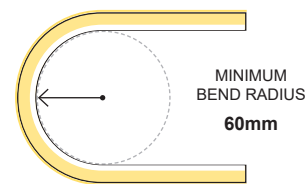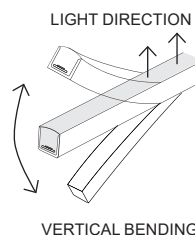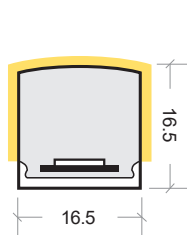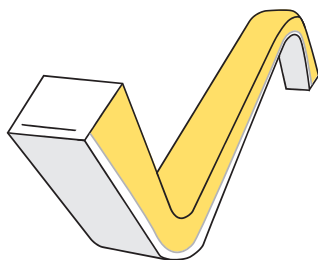
LED WATTS	10W/m	CRI	≥80	
INPUT VOLTS	24V DC Constant Voltage *(Built in constant current)*	BEAM ANGLE	210°	
OPERATING TEMP.	-25°C ~ +50°C	LED TYPE	Epistar SMD LED 3528	
MAX. RUN PER POWER FEED	15m using one feed / 30m using two feeds	LED QTY	120 LED/m	
		SOURCE LIFE	50,000 hours	
		WARRANTY	5 years	

DIMENSIONS	W16.5 × H16.5mm
BEND DIRECTION	Vertical bending
CUTTING LENGTH	50mm
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	Dimmable by PWM signal
MOUNTING	Profile and clips available

NEON Y3 | 10W/M | SINGLE COLOUR | CONNECTION DIAGRAMS

FG ⏚ (Green)
AC/L (Brown)
AC/N(Blue)

⏚ L N

① Regular Connection

AC85-240V | Constant Voltage Power Supply | DC24V

② PWM Dimming

Dimmer

AC85-240V | Constant Voltage Power Supply | DC24V

③ DMX Dimming

DMX Signal Touch Pannel

DMX512-PWM Decoder

AC85-240V | Constant Voltage Power Supply | DC24V

④ 0-10V Dimming

0-10V Dimming Touch Pannel

0-10V Dimmer

LED PUSH & 1-10V DIMMER-MONO

Constant Voltage Power Supply | DC24V

⑤ Dali Dimming

DALI Power Supply

DALI Signal bus

POWER

Power Supply | DC24V

Actual product characteristics may vary

www.lightculture.com.au