5w/m

Linear LED Tape

RINIA

Wattage:	5w/m			
LED Lumen p/m:	200Lm/m	230Lm/m	260Lm/m	xxLm/m
Efficacy:	40Lm/w	46Lm/w	52Lm/w	xxxLm/w
Colour Temperature:	2000K	2400k	2700k	3000k
Colour Rendering Index:	93+			
Voltage:	24vDC			
IP Rating:	IP20			
Lifetime:	50,000 Hours			
Operating Temperature:	-20°C to 40°C			
Width:	8mm (+0.25)			
Maximum Run Length:	5 Meters			
Cut Increments: Wiring:	100mm (+0.25)			
Dimming:	Parallel			
	1-10v / Mains / DALI*			

150.00±5.00mm   5000±10.00mm   8±0.25mm

10.19mm   16.67±0.5mm

100.00±0.25mm

Adhesive tape for mounting

0.53mm

0.25±2.4mm
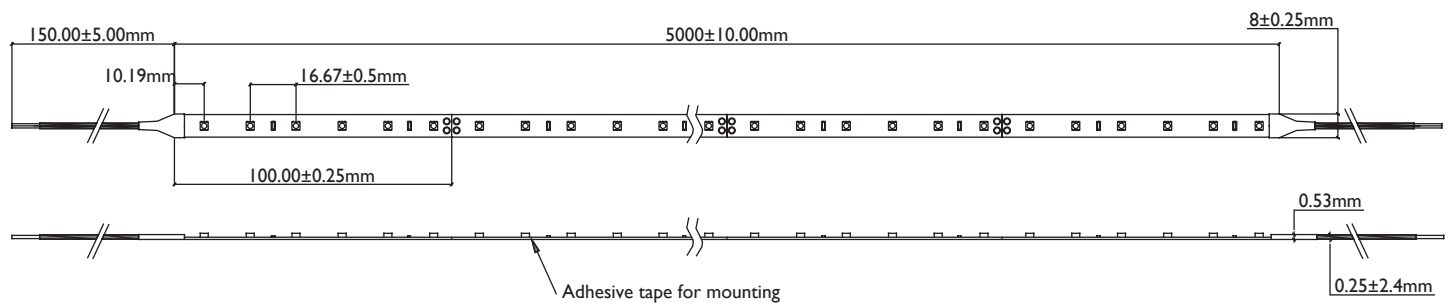
+90 CRI

RINIA LED TAPE:	Wattage	CCT	IP Rating	Length	Profile
	5 w/m	K	IP20	mm	Yes/No

Rinia LED tapes provide an extensive range suitable for residential and commercial applications. Binned to two to three Macadam steps, the Rinia tape provides an industry leading quality of light. Supplied in reels to be cut and soldered on site or made to order within custom profiles with end caps and pre-wired tails.
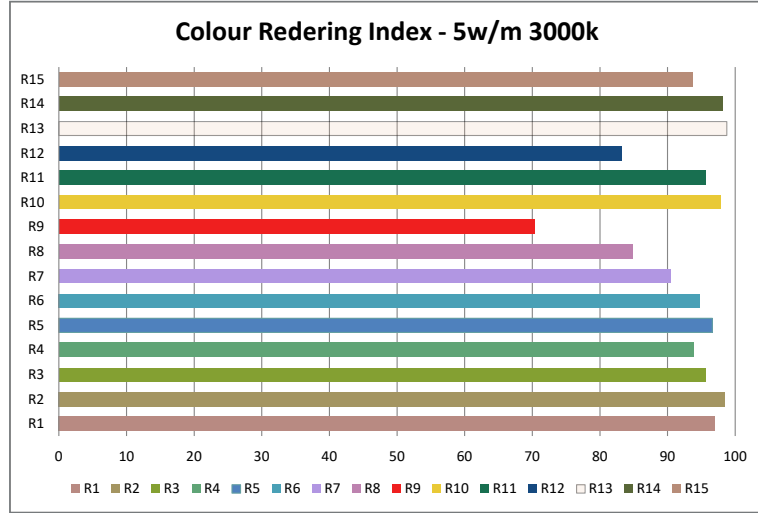
RINIA

5w/m
Linear LED Tape

CIE Chromaticity Diagrams:

Colour Rendering Index:
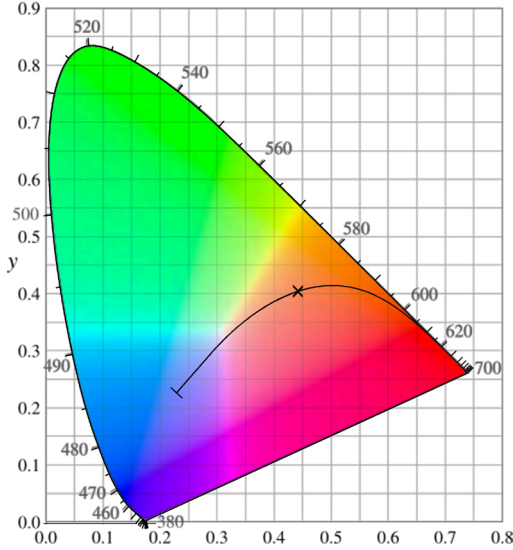
Colour Redering Index - 5w/m 3000k

R1	97
R2	98.4
R3	95.6
R4	93.8
R5	96.6
R6	94.8
R7	90.4
R8	84.7
R9	70.3
R10	97.8
R11	95.6
R12	83.2
R13	98.7
R14	98
R15	93

Data Source: 5w/m 3000k Rinia LED Tape

Environment: 2.9lux 4372K

Power Supplies & Control Interfaces

Power Supplies	Wattage	Voltage	Length	Height	Width
PS2024	20w	24vDC	118mm	35mm	26mm
PS6024	60w	24vDC	163mm	42.5mm	32mm
PS10024	100w	24vDC	190mm	52mm	37mm
PS15024	150w	24vDC	228mm	68mm	39mm

Dimming Interface	Control	Wattage	Length	Height	Width
PS10024PD	Mains Dimmable	100w	230mm	70mm	46mm
DINT	1-10v Dimmable	120w	172mm	42mm	20mm

Please use the recommended power supplies and dimming interfaces to ensure a smooth dimming curve.

Indicative 1-10v Wiring Diagram

230v

24vDC Power Supply

1-10v Dimming Interface

1-10v Control

Max 4 Meters
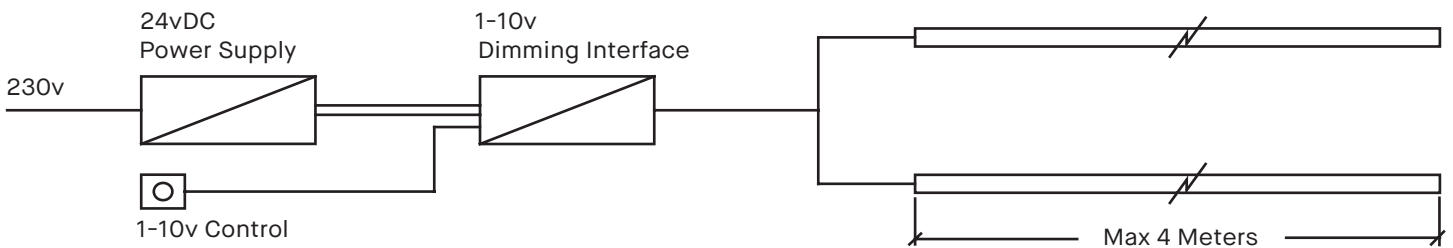
RINIA LED TAPE:	REQUIRED	OPTIONAL	
	LED Tape + Heat-sink + 24vDC Power Supply	Profile + Dimming Dimming Interface	Power Supply: W
			Control: 1-10v / MD

PLEASE NOTE:

Power supplies & dimmable interfaces must be placed in accessible, safe and well ventilated locations. If the LED tape is to be placed over 1 Meter away from the power supply please ensure voltage drop does not exceed 3%. Electrician to ensure correct cabling is specified. Please contact lightbout.iQ for more information.