

PRODUCT SPECIFICATIONS

- Material:** Aluminium
- Colour:** Silver
- Input Voltage:** 240v AC
- Output Voltage:** 12v DC Constant Voltage
- Output Power:** 10w*
- No. Output Cables:** 1
- Wiring:** Parallel
- IP Rating:** IP66
- Dimmable:** No
- Warranty:** 2 Years Replacement**



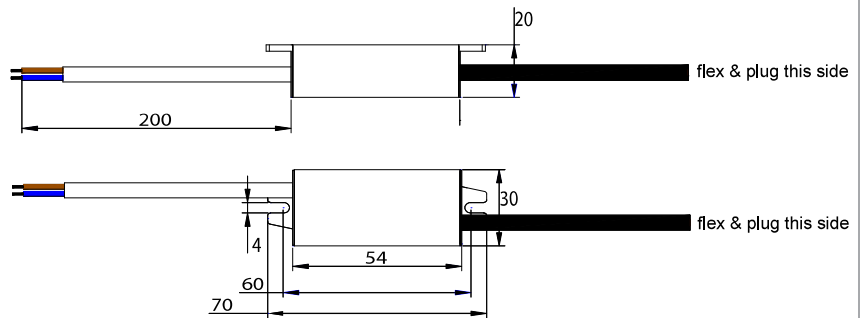
Supplied with Flex & Plug

COMPATIBLE WITH

All 12v DC Low Voltage Light Fittings and LED Strip



DIMENSIONS



IP RATING



APPROVAL



Product Ordering

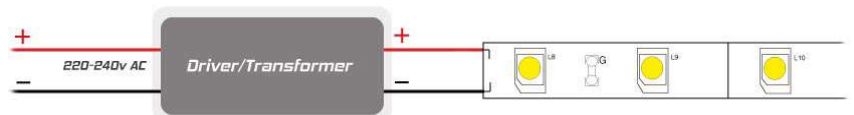
IMAGE

PART NUMBER



HV9650S

SAMPLE INSTALLATION DIAGRAM



* Recommended maximum Load of 8w

** See Warranty Terms and Conditions for more information

For more information contact Havit Lighting

ADDRESS:
143 Beauchamp Road
Matraville NSW 2036
Australia

Tel: 02 9381 8300
Fax: 02 9666 8881
Email: sales@havit.com.au
web: www.havit.com.au

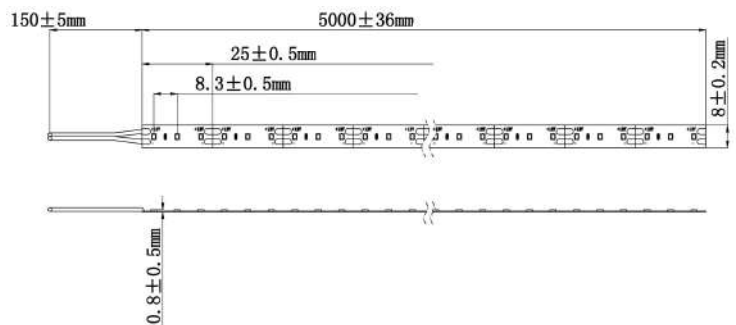
Output	DC Voltage	12V
	Rated Current	1.66A
	Current Range	0-.83A
	Rated Power	10W
	Ripple and Noise(max)	120mVp-p
	Voltage Tolerance	±4%
	Line Regulation	±1%
	Load Regulation	±2%
	No. Output Cables	1
	Set up time	2000ms, 50ms(at full load)110Vac/230Vac
	Holding time(Typ.)	15ms(at full load) 110Vac/230Vac
Input	Voltage range Note 2	90~264Vac
	Frequency range	47~63Hz
	Power factor(Typ.)	PF≥0.45/230V (at full load)
	Efficiency(Typ.)	84%
	AC current	0.20A/230Vac
	Inrush current(Typ.)	Cold start: 50A/230Vac
	Leakage current	<0.75mA/240Vac
Protection	Over load	104%-140% of the rated output power Protection mode: constant current limiting, recovers automatically after the load reduced.
	Short circuit	Protection type: Hiccup mode, recovers automatically after fault conditions removed
	Over voltage	13-18V Protection type: Hiccup mode, recovers automatically after fault conditions removed
	Over temperature	Ta: 60°C~70°C Protection type: Hiccup mode, recovers automatically after fault conditions removed
Environment	Working temperature	Ta: -25°C~ +50°C
	Working humidity	10%~90%RH, non-condensing
	Storage temp. and humidity	-25°C ~+75°C, 5%~95%RH
	Temp. coefficient	±0.05%/°C (0~40°C)
	Vibration	10-300Hz, 1G 10min./cycle, period for 60min. each along X, Y, Z axes
Safety and EMC	Safety standards	Compliance to EN61347-1, EN61347-2-13, AS/NZS61347-1, Ip66 waterproof rating.
	Withstand voltage	I/P-O/P: 3.75KVAC I/P-FG: 1.875KVAC O/P-FG: 0.5kVAC
	Insulation resistance	I/P-O/P, I/P-FG, O/P-FG: 100Mohms/500Vdc 25°C /70%RH
	EMC Emission	Compliance to AS/NZS CISPR15
	EMC Immunity	Compliance to AS/NZS CISPR15

PRODUCT SPECIFICATIONS

- Watts Per Metre:** 9.6w
- Input Voltage:** 12v DC
- Colour Temp:** 3000k
- CRI:** >80
- Beam Angle:** 120°
- IP Rating:** IP20
- Size:** 8mm x 2mm
- PCB:** 3oz
- Dimmable:** Yes
- LED Chip Type:** 3528
- LED Chips Per Metre:** 120 LED'S
- Lumens Per Metre*:** 780lm
- Maximum Length:** 5000mm
- Cutting Increments:** Every 25mm
- Wiring:** Parallel
- Mounting:** Aluminium Profile or Heat Sink
- Warranty:** 2 Years Replacement**



DIMENSIONS



IP RATING



APPROVALS



Product Ordering

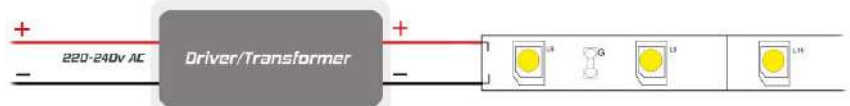
IMAGE

PART NUMBER



HV9723-IP20-120-3K

SAMPLE INSTALLATION DIAGRAM



Must be used with a suitable 12v DC LED Driver

* Lumens measured @ source

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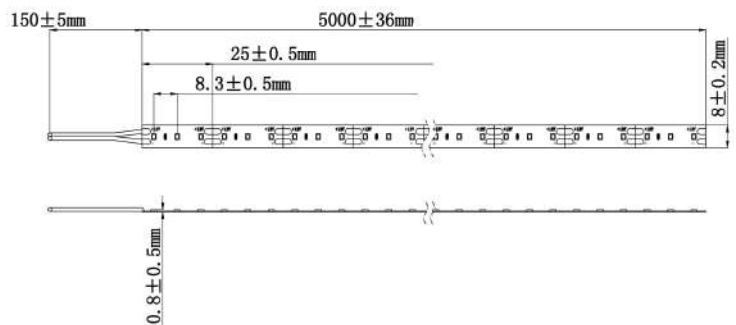
Tel: 02 9381 8300
Fax: 02 9666 8881
Email: sales@havit.com.au
web: www.havit.com.au

PRODUCT SPECIFICATIONS

- Watts Per Metre:** 9.6w
- Input Voltage:** 12v DC
- Colour Temp:** 4000k
- CRI:** >80
- Beam Angle:** 120°
- IP Rating:** IP20
- Size:** 8mm x 2mm
- PCB:** 3oz
- Dimmable:** Yes
- LED Chip Type:** 3528
- LED Chips Per Metre:** 120 LED'S
- Lumens Per Metre*:** 820lm
- Maximum Length:** 5000mm
- Cutting Increments:** Every 25mm
- Wiring:** Parallel
- Mounting:** Aluminium Profile or Heat Sink
- Warranty:** 2 Years Replacement**



DIMENSIONS



IP RATING



APPROVALS



Product Ordering

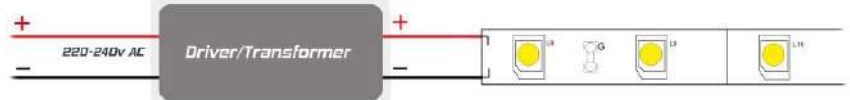
IMAGE

PART NUMBER



HV9723-IP20-120-4K

SAMPLE INSTALLATION DIAGRAM



Must be used with a suitable 12v DC LED Driver

* Lumens measured @ source

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Matrville NSW 2036
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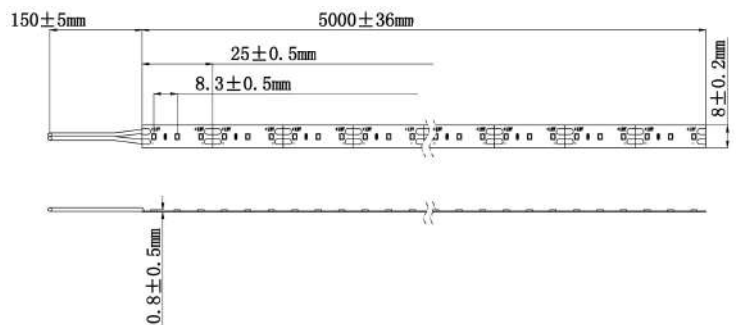
Tel: 02 9381 8300
Fax: 02 9666 8881
Email: sales@havit.com.au
web: www.havit.com.au

PRODUCT SPECIFICATIONS

- Watts Per Metre:** 9.6w
- Input Voltage:** 12v DC
- Colour Temp:** 5500k
- CRI:** >80
- Beam Angle:** 120°
- IP Rating:** IP20
- Size:** 8mm x 2mm
- PCB:** 3oz
- Dimmable:** Yes
- LED Chip Type:** 3528
- LED Chips Per Metre:** 120 LED'S
- Lumens Per Metre*:** 860lm
- Maximum Length:** 5000mm
- Cutting Increments:** Every 25mm
- Wiring:** Parallel
- Mounting:** Aluminium Profile or Heat Sink
- Warranty:** 2 Years Replacement**



DIMENSIONS



IP RATING



APPROVALS



Product Ordering

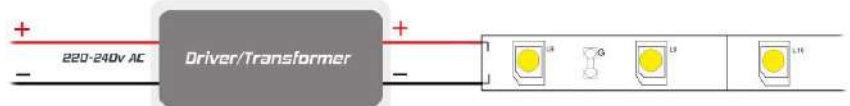
IMAGE

PART NUMBER



HV9723-IP20-120-5K

SAMPLE INSTALLATION DIAGRAM



Must be used with a suitable 12v DC LED Driver

* Lumens measured @ source

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