

# 30w IP20 Indoor LED Strip Driver

## PRODUCT SPECIFICATIONS

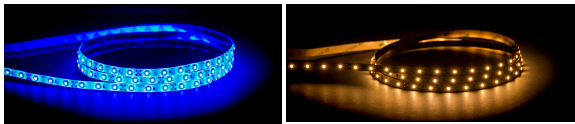
- Material:** Plastic
- Colour:** White
- Input Voltage:** 240v AC
- Output Voltage:** 12v DC or 24v DC
- Output Power:** 30w\*
- Wiring:** Parallel
- IP Rating:** IP20
- Dimmable:** No
- Warranty:** 2 Years Replacement\*\*



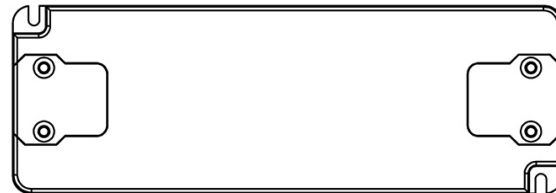
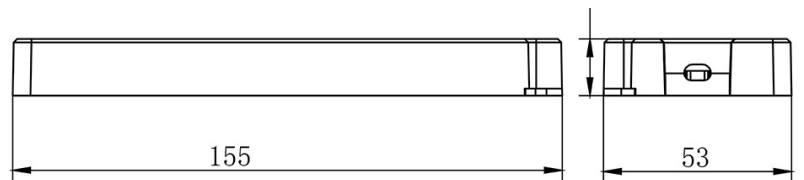
Supplied with Flex & Plug

## COMPATIBLE WITH

LED Strip



## DIMENSIONS



## IP RATING



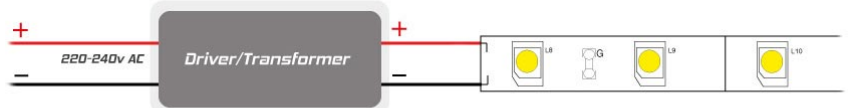
## APPROVAL



## Product Ordering

| IMAGE | OUTPUT VOLTAGE | PART NUMBER          |
|-------|----------------|----------------------|
|       | <b>12v DC</b>  | <b>HV9666-12V30W</b> |
|       | <b>24v DC</b>  | <b>HV9666-24V30W</b> |

## SAMPLE INSTALLATION DIAGRAM



\* Recommended maximum Load of 24w

\*\* See Warranty Terms and Conditions for more information

For more information contact Havit Lighting

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|                |                            |  |       |
|----------------|----------------------------|--|-------|
| Output         | DC Voltage                 | 12V  | 24V   |
|                | Voltage Tolerance          | ±0.5V  |       |
|                | Voltage Regulation         | ± 0.5%   |       |
|                | Rated current              | 2.5A   | 1.25A |
|                | Rated power                | 30W  | 30W   |
| Input          | Voltage Range              | 220-240V AC  |       |
|                | Frequency range            | 47 - 63HZ  |       |
|                | Power Factor (Typ.)        | PF≥0.95 (Full loading)   |       |
|                | Full Load Efficiency(Typ.) | 88%  | 89%   |
|                | AC Current(Max.)           | 0.20A  |       |
|                | Leakage Current            | <0.50mA  |       |
| Protection     | Short Circuit              | Hiccup mode, recovers automatically after fault condition is removed                 |       |
|                | Over Load                  | ≤120% shut down o/p voltage, re-power on to recover after fault condition is removed |       |
|                | Over Temperature           | 100°C ± 10°C shut down o/p voltage, re-power on to recover                           |       |
|                | Protection Class:          | II   |       |
| Environment    | Working temperature        | 40 - +60°C   |       |
|                | Working humidity           | 20 - 90%RH,non-condensing  |       |
|                | Storage temp. and humidity | -40- + 80°C, 10-95%RH  |       |
|                | Temp. coefficient          | ±0.03%/°C ( 0-50°C)  |       |
|                | Vibration                  | 10-500Hz,2G 12min./1 cycle,period for 72min.each along X.Y.Z axes.                   |       |
| Safety and EMC | Safety standards           | EN61347-1 EN61347-2-13 IP20  |       |
|                | Withstand voltage          | I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC                                      |       |
|                | Insolation resistance      | I/P-O/P I/P-FG O/P-FG:100MΩ/500VDC/25°C/70%RH  |       |
|                | EMC Emission               | EN55015,EN61000-3-2,3 (>60%loading)  |       |
|                | EMC Immunity               | EN61000-4-2,3,4,5,6,11,EN61547, A light industry level (Surge 4KV)                   |       |