

Dimmable LED Driver

- Compatible with all New Vision DC products
- IntelliDim ready
- Accessible DIP-Switch with 4 pre-set powers
- PWM Dimming
- Non-Flickering
- Over 100,000 hours life expectancy
- 7 years manufacturer's warranty

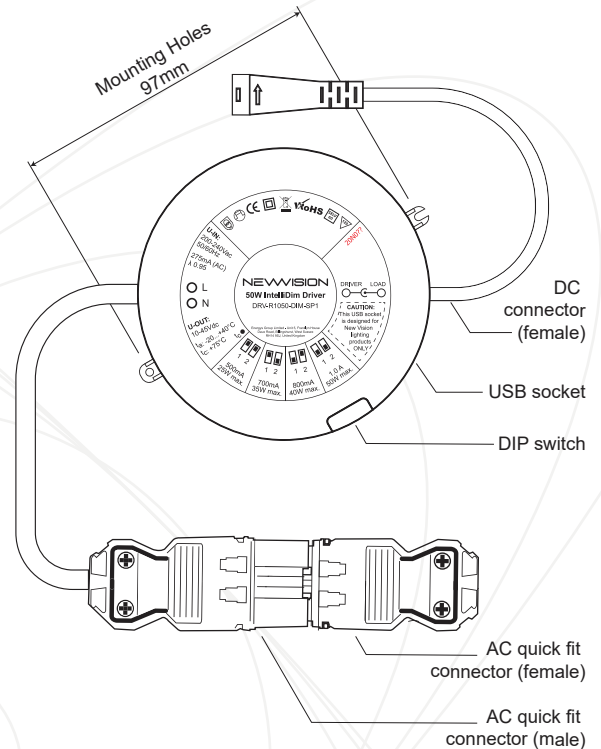


New Vision's state-of-the-art dimmable driver (PWM) equipped with an easy accessible DIP-switch allowing the preset of 4 different maximum powers.

Compatible with all New Vision IntelliDim products using an integral USB connection.

Dimmable LED Driver

| Overview | | | | |
|--|---|-----------------|--------|---------|
| Model | DRV-R1050-DIM-SP1 | | | |
| Input voltage | 200-240V | | | |
| Output voltage | 10-45Vdc | | | |
| Output current settings | 500 mA | 700 mA | 800 mA | 1000 mA |
| Dimming | Pulse Width Modulation (PWM) | | | |
| Flickering | Non-Flickering | | | |
| Operating temperature | -20 to +40 °C | | | |
| Efficient | 89% | | | |
| Max. input power | 50 W | | | |
| Case temperature (tc) | 75°C | | | |
| Life Expectancy | 100,000 hrs | (MTBF @tc=75°C) | | |
| Technical Data | | | | |
| Rated supply voltage | 200-240V | | | |
| AC voltage range | 180-264V | | | |
| Mains frequency | 50/60Hz | | | |
| Overvoltage protection | 280V ac, 48hrs | | | |
| Typical current (full load) | 230-275mA | | | |
| Typical current (full load, 70% dimming level) | 162-194mA | | | |
| Leakage current (@240V, 50Hz, full load) | < 200uA | | | |
| Max. input power | 50 W | | | |
| Typical efficiency (@240V, 50Hz, full load) | 89% | | | |
| λ (@240V, 50Hz, full load) | 0.96 | | | |
| Flickering | Low-Risk and NOEL per IEE1789-2015 | | | |
| Typical power input on stand-by | 0.4 W | | | |
| THD (@240V, 50Hz, full load) | <15% | | | |
| Turn off time (@240V, 50Hz, full load) | <20ms | | | |
| Output current ripple (@240V, 50Hz, full load) | <1% | | | |
| Max. output current peak (non-repetitive) | ≤ output current + 10% | | | |
| Output LF current ripple (<120Hz) | <1% | | | |
| Max. outout voltage (open load) | 50Vdc max. | | | |
| Dimming range | 0% - 100% | | | |
| Input - output surge voltage | 3,500Vac | | | |
| Over-temperature protection type | reduce power, recovers automatically after fault removed | | | |
| Operating temperature | -20 to +40 °C | | | |
| Max. case temperature | +75°C | | | |
| Packaging | | | | |
| Parts & Accessories | Male & Female AC quick fit connector, Female DC connector, IntelliDim® ready USB Port | | | |
| Dimensions | ø 100 x 25mm | | | |
| Weight | 280g | | | |
| Case material | Polycarbonate | | | |



| Compliance | |
|--------------------------|--------------|
| EMC Directive 2014/30/EU | |
| EN 55015 | EN 61000-3-2 |
| EN 61547 | EN 61000-3-3 |
| EN 62493 | |
| LED Drivers | |
| EN 61347-1 | EN 62384 |
| EN 61347-2-13 | |
| LIA Verified | LIA Tested |

SELV 60 CE



RoHS
2002/95/EC

For more information please contact:

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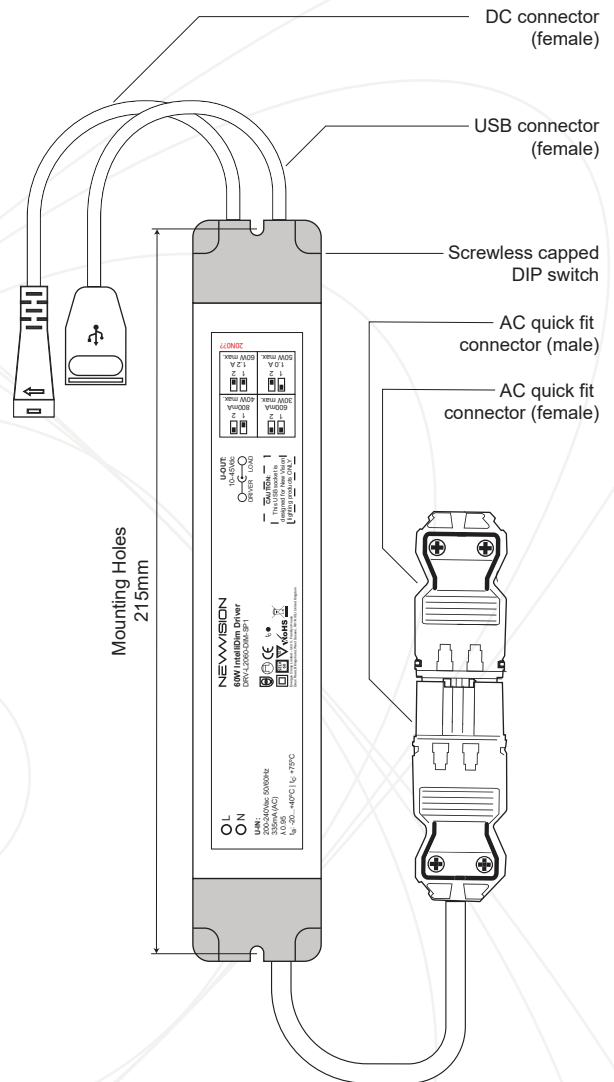
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| Overview | | | | |
|--|---|-----------------|---------|---------|
| Model | DRV-L2060-DIM-SP1 | | | |
| Input voltage | 200-240V | | | |
| Output voltage | 10-45Vdc | | | |
| Output current settings | 600 mA | 800 mA | 1000 mA | 1200 mA |
| Dimming | Pulse Width Modulation (PWM) | | | |
| Flickering | Non-Flickering | | | |
| Operating temperature | -20 to +40 °C | | | |
| Efficient | 89% | | | |
| Max. input power | 60 W | | | |
| Case temperature (tc) | 75°C | | | |
| Life Expectancy | 100,000 hrs | (MTBF @tc=75°C) | | |
| Technical Data | | | | |
| Rated supply voltage | 200-240V | | | |
| AC voltage range | 180-264V | | | |
| Mains frequency | 50/60Hz | | | |
| Overvoltage protection | 280V ac, 48hrs | | | |
| Typical current (full load) | 275-335mA | | | |
| Typical current (full load, 70% dimming level) | 192-234mA | | | |
| Leakage current (@240V, 50Hz, full load) | < 200uA | | | |
| Max. input power | 60 W | | | |
| Typical efficiency (@240V, 50Hz, full load) | 89% | | | |
| λ (@240V, 50Hz, full load) | 0.96 | | | |
| Flickering | Low-Risk and NOEL per IEEE1789-2015 | | | |
| Typical power input on stand-by | 0.4 W | | | |
| THD (@240V, 50Hz, full load) | <15% | | | |
| Turn off time (@240V, 50Hz, full load) | <20ms | | | |
| Output current ripple (@240V, 50Hz, full load) | <1% | | | |
| Max. output current peak (non-repetitive) | \leq output current + 10% | | | |
| Output LF current ripple (<120Hz) | <1% | | | |
| Max. output voltage (open load) | 50Vdc max. | | | |
| Dimming range | 0% - 100% | | | |
| Input - output surge voltage | 3,500Vac | | | |
| Over-temperature protection type | reduce power, recovers automatically after fault removed | | | |
| Operating temperature | -20 to +40 °C | | | |
| Max. case temperature | +75°C | | | |
| Packaging | | | | |
| Parts & Accessories | Male & Female AC quick fit connector, Female DC connector, IntelliDim® ready USB Port | | | |
| Dimensions | 220 x 38 x 28mm | | | |
| Weight | 195g | | | |
| Case material | Polycarbonate | | | |



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