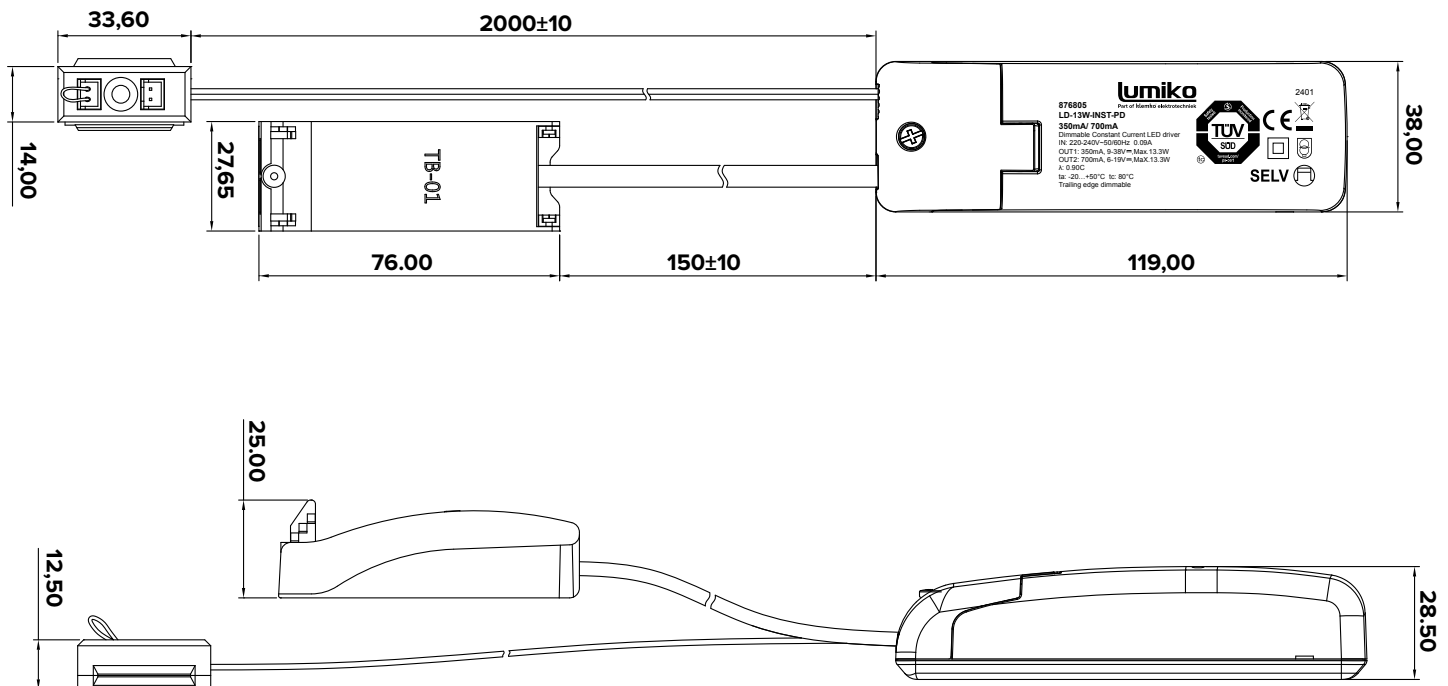


PRODUCT DATA SHEET



876805 LD-13W-INST-PD (350 / 700mA, without cabling)

876804 LD-13W-700-PD-MS (700mA, with connection box and connector cable)

876819 LD-13W-350-PD-MS (350mA, with connection box and connector cable)

FEATURES

- Slim design
- Constant current dimmable driver
- Trailing edge dimmable
- Dimming to <1%

For wired versions only

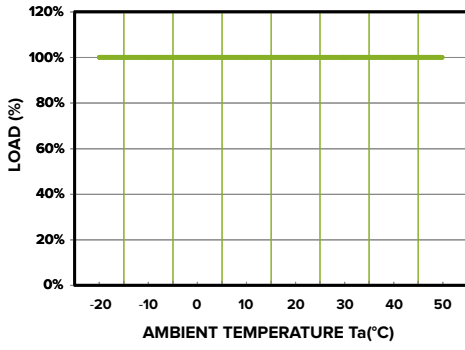
- Incl. Tb-01 connection box with strain relief for easy parallel connection of multiple drivers
- Especially for lumiko spotlights provided with plug and play connectorbox cable



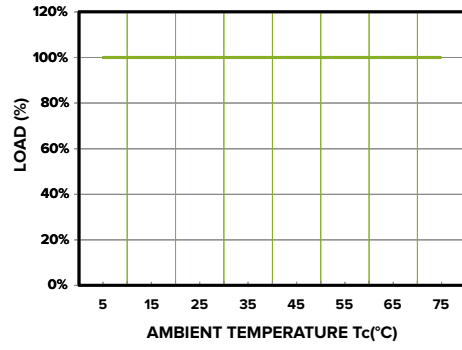
ELECTRICAL SPECIFICATIONS

| | TYPE | UNIT | LD-13W-INST-PD |
|--------------------------------|------------------------------------|-----------------------|---|
| INPUT | Nominal voltage | V | 220-240 |
| | Nominal frequency | Hz | 50/60 |
| | AC voltage range | V | 198-264 |
| | DC voltage range | V | N/A |
| | Nominal current | A | 0,09 |
| | THD (Full load) | % | ≤ 25 |
| | Power factor (Full load) | | 0.90 |
| | Efficiency (Full load) | % | 73% |
| | Turn on time | ms | < 500 |
| | No load | W | N/A |
| | Protection class | | II |
| | Inrush current (Cold start) | A pk | 4 (th=20μs) |
| | Max.units per circuit breaker | | B10:93 B13:121 B16:149 B20:186 C10:103 C13:144 C16:177 C20:222 |
| | OUTPUT | Nominal voltage range | V |
| Maximum voltage (Open Circuit) | | Vdc | ≤45V |
| Nominal current | | mA | 350mA / 700mA |
| Current accuracy | | % | ±8 (350mA) / ±6 (700mA) |
| Current ripple ≤120Hz | | % | ≤10 |
| Pst LM | | | ≤ 1 |
| SVM | | | ≤ 0.4 |
| Nominal power range | | W | 3.2W~13.3W (350mA) / 4.2W~13.3W (700mA) |
| Maximum power | | W | 13,3 |
| Galvanic isolation | | | SELV |
| ENVIRONMENT | Ambient temperature range ta | °C | -20~+50 |
| | Maximum case temperature tc | °C | 80 |
| | Max. Case temp. In fault condition | °C | 100 |
| | Storage temperature range | °C | -20~+70 |
| | Relative humidity | % | 5...85 (Not condensing) |
| | Surge transient protection | kV | 0.5 I 1 (L/N LN/PE acc to. EN61547 Clause 5.7) |
| | Environmental rating | | Indoor |
| | IP rating | | IP 20 |
| | Mains switching cycles | | >100,000 |
| | Expected lifetime | h | 30,000 (0.2% / 1000h failure rate) |
| PROTECTIONS | Over temperature | | Yes |
| | No load | | Yes |
| | Short-circuit | | Yes |
| | Input overvoltage | | Maximum allowed input voltage 264VAC |
| | Output overvoltage | | Yes |
| | Certifications | | CE, TUV |
| | Standards | | EN 61347-1, EN 61347-2-13, EN 62384, EN 55015, EN 62493, E N 61000-3-2, EN 61000-3-3, EN 61547 |

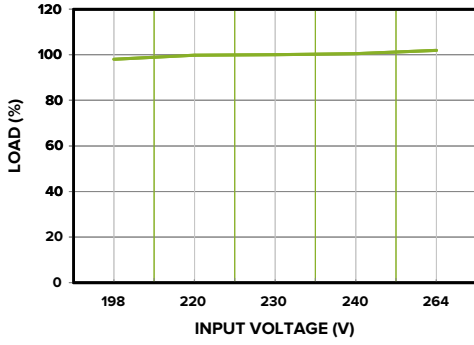
OUTPUT LOAD vs A.TEMPERATURE



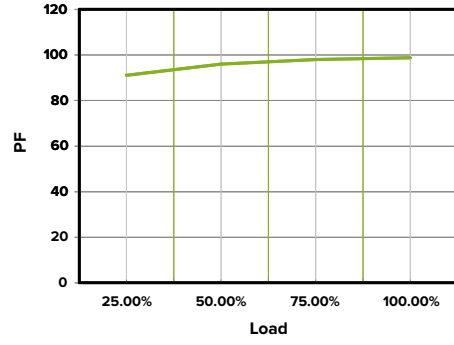
OUTPUT LOAD vs C.TEMPERATURE



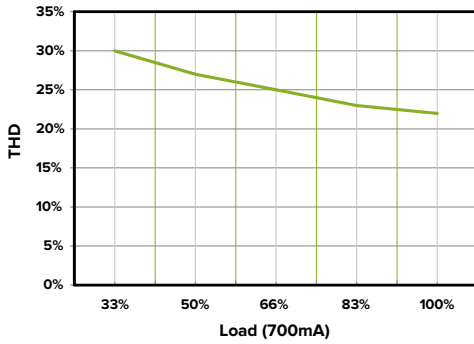
STATIC CHARACTERISTIC INPUT



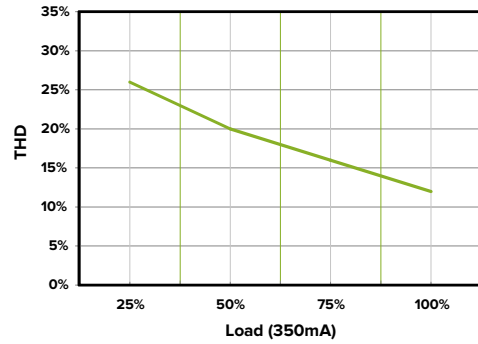
POWERFACTOR (PF) CHARACTERISTIC



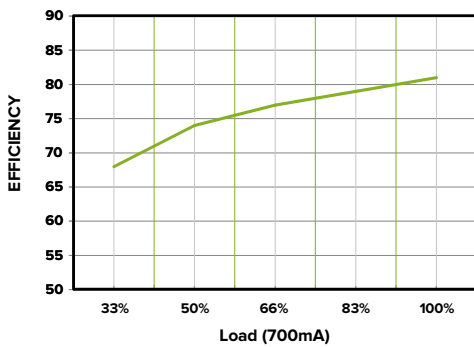
TOTAL HARMONIC DISTORTION (THD)



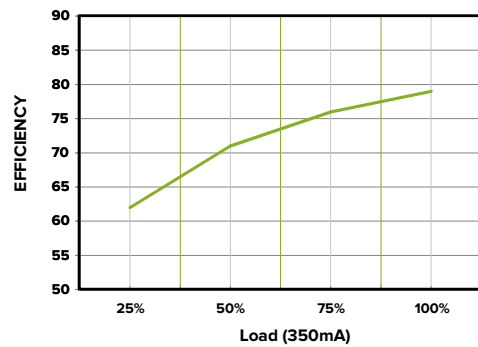
TOTAL HARMONIC DISTORTION (THD)



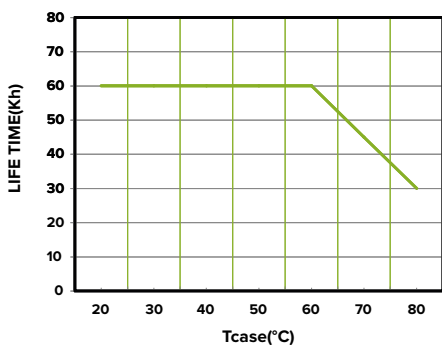
EFFICIENCY vs LOAD



EFFICIENCY vs LOAD



LIFE TIME



Warranty: 24 months after production date, provided that the product has been applied in accordance with requirement and has not been opened.

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