

GLP2-LED Luminaire Tester



- **Safety, function, programming and controlling** from one device
- **Dramatically reduce your testing time – all test functions and switching are integrated into the tester – less manual switching and using different testers.**
- All LED functions and types easily controllable- dimming; analogue, touch, DALI, DMX, DSI.....
- Integration of hardware and software for programming lighting controllers. During the same time, with the same connections, the luminaire can be programmed and tested thus saving a great deal of time.
- *Continuity test and polarity check for luminaries with power connections through the lamp*
- *Insulation tests possible for power input against ground; power against dimming; dimming against ground*
- Direct DC power supply to the LED (option)
- Class leading operator interface is very easy to use. Automatic switching between all different test programs.
- Instant changeover between different test programs
- Easy data exchange with IT systems if technology package chosen
- Connection box features quick and easy plug in blocks for all luminaries. The tester recognises which type of lighting is connected and initiates automatic switchover between all tests/programming/controlling.



Connection Box

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1. Earth / Ground-bond resistance test: 1 - 30 AAC; 6 or 12 V; 0 - 1 Ohm
2. Insulation resistance test: 50 - 1000 VDC potential-free; max. 10 GOhm; safety current limiting
3. Insulation test warm: performed at the same time as the functional test
4. Continuity test: 1 Ohm - 100 KOhm; 2-wire measurement
5. Short-circuit test: performed between L and N prior to functional test
6. Functional test: 12- 260 VAC electronic control; 0.1 mA - 5 A; all measurements are TRMS! incl. integrated isolating transformer
7. $\cos \phi$ test: measurement and evaluation of $\cos \phi$ between voltage and current
8. Active, apparent, reactive power test: 0.1 W - 1300 W / VA / VAR
9. Visual inspection: visual evaluation / sight check of test object and acknowledgement of test with GO or NO GO
10. Mathematical calculation: based on individually defined calculations you can perform your individual test

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As above but additionally:

1. HVAC 50 - 6000 VAC not potential-free; electronically stabilized; max. 3mA; safety current limited; true voltage measurement with Urms or Upeak display
2. ARC detection. detection of micro discharges

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As above but AC test is increased to 100mA

1. 50 - 6000 VAC potential-free; electronically stabilized; 100 mA; 500 VA;