

OTp 35/220-240/700 HD

Electronically stabilized LED Power Supply

Edition: Mar 2010

Subject to change

PRELIMINARY

Technical data

Reference:	OTp 35/220-240/700 HD
For use with LED light engines	PrevaLED™ CORE: LEP-2100-930-HD-C, LEP-2100-840-HD-C LEP-2100-830-C, LEP-2100-840-C LEP-800-930-HD-C, LEP-800-840-HD-C
Line voltage, nominal	220 – 240 V _{AC}
Perm. voltage fluctuations	198 - 254 V _{AC}
Line current, nominal	TBD @ 230 V/50 Hz
Line frequency	50/60 Hz
Output voltage	< 120 V _{DC}
Nominal output power	35 W
Power factor	PF > 0,9 (LEP-2100)
Power losses	TBD @ 230 V/50 Hz
Full load efficiency:	TBD
Stand by power consumption	TBD
Safety:	IEC 61347-1, IEC 61347-2-13
Performance:	IEC 62384
Radio interference:	EN 55015 (A1: 2007)
Harmonic content:	IEC 61000-3-2
Immunity:	IEC 61547
Temperature range:	-20°C to +50°C
Max. case temperature on Tc	80°C
Galvanic insulation between primary and secondary side:	3 kV _{rms}
No-load proof:	Yes
Short circuit proof:	Yes
Overload protection:	Autom. shutoff, reversible
Overheating protection:	Autom. shutoff, reversible
Wiring:	
Connection, primary	Push-in terminals
Cross section, primary	0,5 mm – 1,5 mm ²
Connection, secondary	5-pin connector, for use with cable kit
Cross section, secondary	For use with cable kit
Max. cable length	2 m
Geometry (l x b x h):	123 x 79 x 33 mm (K3)

In preparation:

Approvals:



PRELIMINARY

Geometry

(Drawing in preparation)

Installation notes

The luminaire manufacturer is responsible for providing the required clearances and creepage distances and also for the protection against electrical shock, especially for the line and load wires according EN 60598.