

Technical requirements for electronic control gears for
LED- / fluorescent- luminaires for connection at INOTEC
central battery systems



Table1:

Manufacturer: OSRAM GmbH Marcel-Breuer Str. 6 D-80807 München	Product: OT FIT 75/220-240 1A4 CS L EL	
------------------------------------------------------------------------	------------------------------------------------------	--

LED controller type	Values for load range	IN in AC-operation (230V) / mA (trms)	IN in AC- operation (240V) / mA (trms)	IN in DC-operation (186V) / mA (trms)	IN in DC- operation (216V) / mA (trms)	IN in DC- operation (240V) / mA (trms)	IN in DC- operation (260V) / mA (trms)
OT FIT 75/220-240 1A4 CS L EL	Maximum Load /m Uout/V= 51 Iout/mA= 1400	356,73	342,36	442,27	377,61	338,89	310,73
	Minimum Load /m. Uout/V= 27 Iout/mA= 1100		168,14			161,16	
	No Load		50,75	21,22		21,22	19,31
	Short Load		50,63	27,82		21,11	19,21

Maximum inrush current for ECG in AC Operation: $I_{peak} = 32A$

$T_H = 193\mu s$