

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:  <b>OT FIT 55 220-240 1A0 CS L EL</b>	
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LED controller type	Values for load range	I <sub>N</sub> in AC-operation (230V) / mA (trms)	I <sub>N</sub> in AC-operation (240V) / mA (trms)	I <sub>N</sub> in DC-operation (186V) / mA (trms)	I <sub>N</sub> in DC- operation (216V) / mA (trms)	I <sub>N</sub> in DC- operation (240V) / mA (trms)	I <sub>N</sub> in DC- operation (260V) / mA (trms)
OT FIT 55 220-240 1A0 CS L EL	Maximum Load /m U <sub>out</sub> = 54V I <sub>out</sub> = 1050mA	283,66	272,90	335,56	291,36	264,65	244,26
	Minimum Load /m. U <sub>out</sub> = 27V I <sub>out</sub> = 800mA		124,48			110,91	
	No Load		40,96	0,09		0,09	0,24
	Short Load		41,10	0,08		0,10	0,24

Maximum inrush current for ECG in AC Operation: I<sub>peak</sub>=25A

T<sub>H</sub>=200μs