

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 35 220-240 700 CS L EL	
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LED controller type	Values for load range	I _N in AC-operation (230V) / mA (trms)	I _N in AC- operation (240V) / mA (trms)	I _N in DC-operation (186V) / mA (trms)	I _N in DC- operation (216V) / mA (trms)	I _N in DC- operation (240V) / mA (trms)	I _N in DC- operation (260V) / mA (trms)
OT FIT 35 220-240 700 CS L EL	Maximum Load /m U _{out} = 54V I _{out} = 1050mA	192,90	185,04	229,85	195,02	174,65	159,82
	Minimum Load /m. U _{out} = 27V I _{out} = 800mA		83,54			70,45	
	No Load		29,06	0,62		0,62	0,67
	Short Load		29,06	0,46		0,62	0,67

Maximum inrush current for ECG in AC Operation: I_{peak}=25A T_H=200μs