

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

Table 1:

Manufacturer: OSRAM GmbH Marcel-Breuer Str. 6 D-80807 München	Product: OT FIT 50 220-240 350 D L	OSRAM
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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 50 220-240 350 D L	Maximum Load /m U _{out} = 150V I _{out} = 350mA		242,64			239,07	
	Minimum Load /m U _{out} = 54V I _{out} = 350mA	106,90	104,37	113,25	97,91	88,87	82,66
	No Load		36,09	1,83		1,90	1,91

Maximum inrush current for ECG in AC Operation : 20A; T_H=100µs

Note: I_{OUT} is not reduced when ECG is DC operated.

Note: P_{OUT} is 100 percent @ T_a = 25°C and more than 50 percent when operated 1 hour @ T = 70°C
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