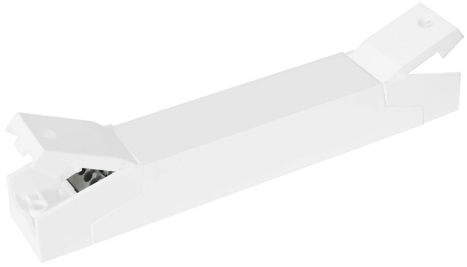
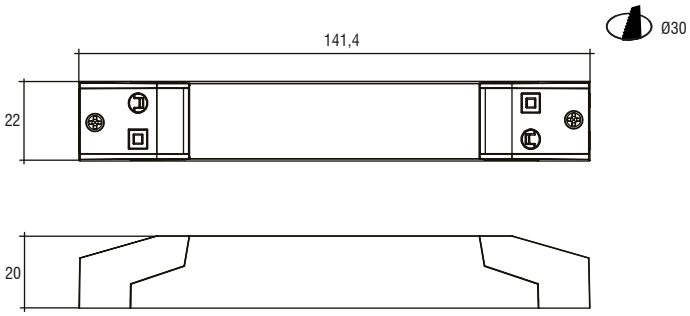
FLEXA
LIGHTING

ALMINI50





P out W	V out DC(1)	I out DC	ta °C	tc °C	Power Factor	η max. Efficiency(1)
15	2,5...30	500 mA cost.	-20...+50	85	≥0.93	≥84%

(1) Referred to V_{in} = 230 V, 100% load

Features	Output Type	Constant Current
	Dimming Type	DALI-2 / Touch Dim
	Output Features	Isolation
	IP Grade	IP20
	Insulation Class	Class Ⅱ (compatible Class I)
Input	Rated Input Voltage	220-240VAC
	Range of Input Voltage	198-264VAC
	Range of DC Input Voltage	180-280VDC
	Frequency	0/50/60Hz, Range:0/47-63Hz
	Input Current	≤0.11A max
	Input Power	≤17.9W max
	Power Factor	≥0.93 (230VAC, full load)
	THD	≤16% (230VAC, full load)
	Standby Power Consumption	≤0.45W @230VAC (DALI system DIM to off)
	Inrush Current	≤7.2A/2.6us (230VAC, full load)
Control Method	PUSH dimming	PUSH dimming (Max. lead wire length：20m,same port of DALI)
	DALI function	DALI dimming (Max. lead wire length：30m) logarithm or linear dimming curve selectable
	Dimming range	DALI dimming: 1%-100%
Protection	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery (not be hot swap)
	No-load Protection	Auto Recovery
	Insulation voltage	3000V 5mA 60S between P-S
	Insulation resistance	>100M ohm @ 500VDC L/N to PE
	Leakage current	< 700μA, I/P to O/P @230V input
Environment	Ta/Operation Temperature	-20….+50℃
	Ts/Storage Temperature	-20….+85℃
	Tc/Enclosure Temperature	85℃
	Humidity	10%....90%RH
	Atmosphere	86-108KPa
Construction	Connection Method	Push-in Terminal
	Installation	Independent
	PRI Wire preparation	0.5-1.5□ / 8-9mm
	SEC Wire preparation	0.5-1.5□ / 8-9mm
	DALI Wire preparation	0.5-1.5□ / 8-9mm
	Dimension	141,4*22*20mm (L*W*H)
Standards	Certification	CE
	Safety Standards	EN61347-1:2015/A1:2021; EN61347-2-13:2014/A1:2017;
	Performance	EN 62384
	DALI Performance	EN 62386-101 (DALI-2) EN 62386-102 (DALI-2) EN 62386-207 (DALI-2, including part 251, 252, 253)
	Surge	L/N-Ground:2kV; L-N:1kV
Others	RoHS	2011/65/EU

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Wiring diagrams - Schemi di collegamento

