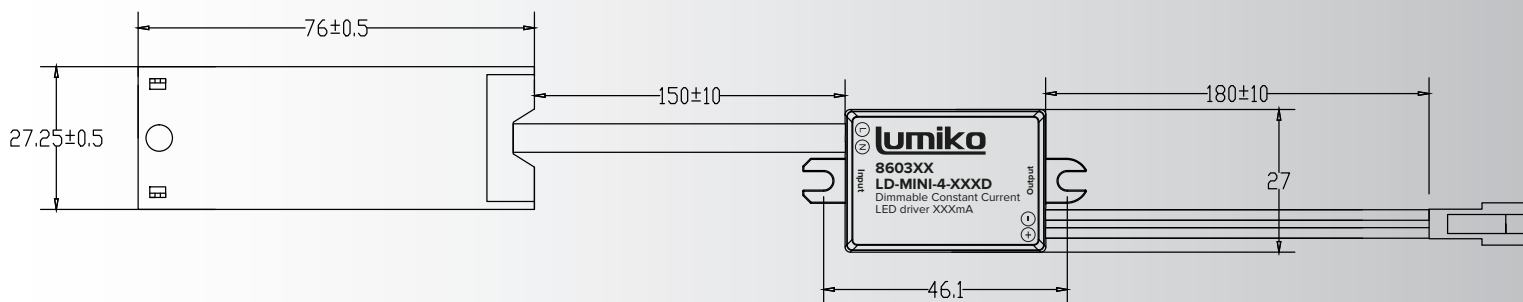
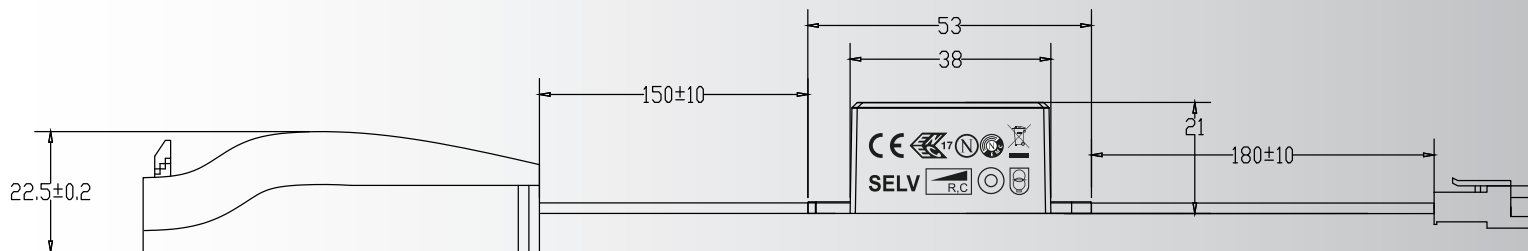


Lumiko

Onderdeel van klemko® elektrotechniek

PRODUCT DATA SHEET



o

860300 LD-MINI-4-350D

860302 LD-MINI-4-500D

860304 LD-MINI-4-700D

FEATURES

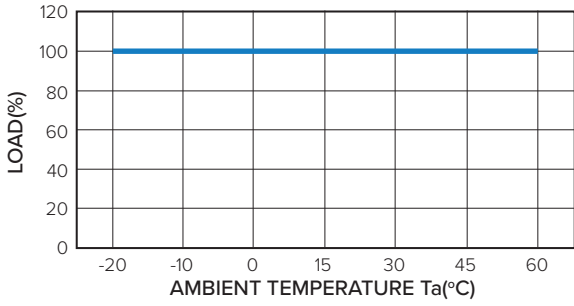
- COMPACT DESIGN.
- CONSTANT CURRENT DIMMABLE DRIVER.
- TRAILING EDGE DIMMABLE (R, C).
- INCL. TB-01 CONNECTION BOX AND JST CONNECTOR.
- ESPECIALLY FOR LUMIKO SPOTLIGHTS PROVIDED WITH JST CONNECTOR.
- EACH DRIVER IS INTENDED TO POWER ONE SPOTLIGHT.

Electrical Specifications

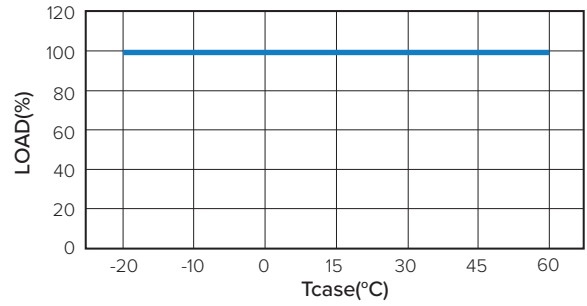
Type		Unit	MINI-4-350T	MINI-4-500T	MINI-4-700T
INPUT	Nominal voltage	V	220 – 240		
	Nominal frequency	Hz	50 / 60		
	AC voltage range	V	198 – 264		
	DC voltage range	V	N/A		
	Nominal current	A	0.04		
	THD (Full load)	%	≤ 25		
	Power factor (Full load)		0.90C		
	Efficiency (Full load)	%	68	67	65
	Turn on time	ms	≤ 500		
	No load	W	N/A		
	Protection class		II		
	Inrush current(Cold start)	A pk	5 (th = 100 μs)		
	Max.units per circuit breaker		B10:140 B13:180 B16:224	B20:280 C10:250 C13:325	C16:400 C20:500
	OUTPUT	Nominal voltage range	V	6 - 12	4 - 8
Maximum voltage(Open Circuit)		Vdc	≤ 20	≤ 16	≤ 14
Nominal current		mA	350	500	700
Current accuracy		%	+/-8	+/-8	+/-8
Current ripple ≤120Hz		%	≤ 10		
Pst LM			≤ 1		
SVM			≤ 0.4		
Nominal power range		W	2 – 4		
Maximum power		W	4		
Galvanic isolation			SELV		
ENVIRONMENT	Ambient temperature range ta	°C	-20 ... +60		
	Maximum case temperature tc	°C	90		
	Max. Case temp. In fault condition	°C	110		
	Storage temperature range	°C	-20 ... +70		
	Relative humidity	%	5 ... 85 (Not condensing)		
	Surge transient protection	kV	0.5 1 (L/N LN/PE acc to. EN 61547 Clause 5.7)		
	Environmental rating		Indoor		
	IP rating		IP 20		
	Mains switching cycles		> 100,000		
	Expected lifetime	h	50,000 (0.2% / 1'000 h failure rate)		
PROTECTIONS	Over temperature		Yes		
	Over load		Yes		
	No load		Yes		
	Short-circuit		Yes		
	Input overvoltage		Maximum allowed input voltage 264V AC		
	Output overvoltage		Yes		
Certifications		CE, ENEC, N			
Standards		EN 61347-1, EN 61347-2-13, EN 62384, EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 60598-1, EN 50581, IEE1789, (EU) 2019/2020			

*All parameters **NOT** specially mentioned are measured at 230VAC inputy, rated current and 25 °C of ambient temperature

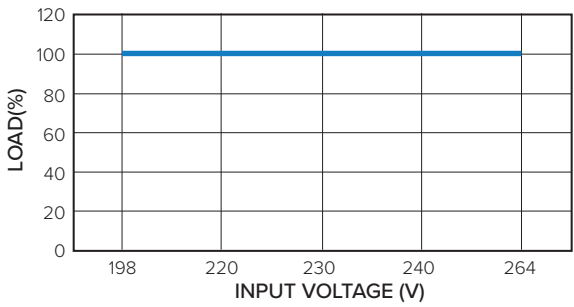
OUTPUT LOAD vs A.TEMPERATURE



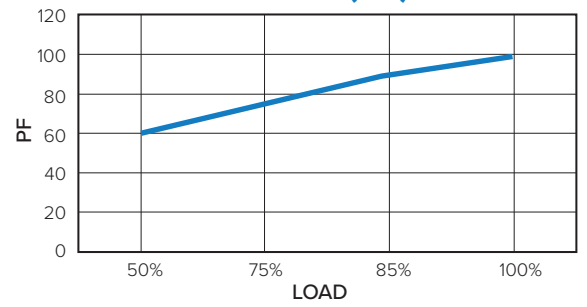
OUTPUT LOAD vs C.TEMPERATURE



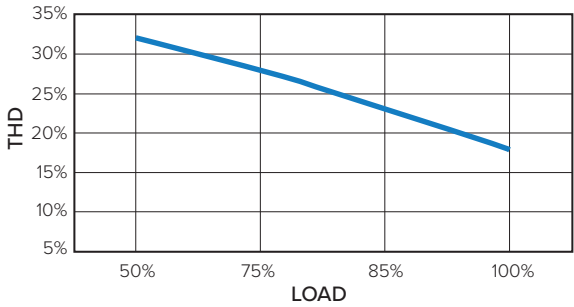
STATIC CHARACTERISTIC



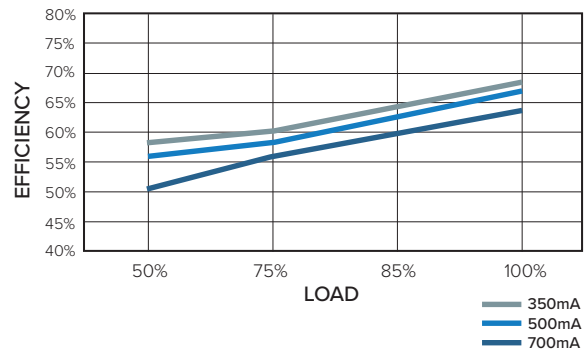
POWERFACTOR (PF) CHARACTERISTIC



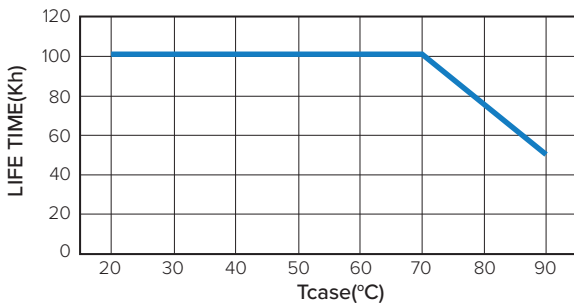
TOTAL HARMONIC DISTORTION (THD)



EFFICIENCY vs LOAD



LIFE TIME



Warranty: 24 months after production date, provided that the product has been applied in accordance with requirement and has not been opened.

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