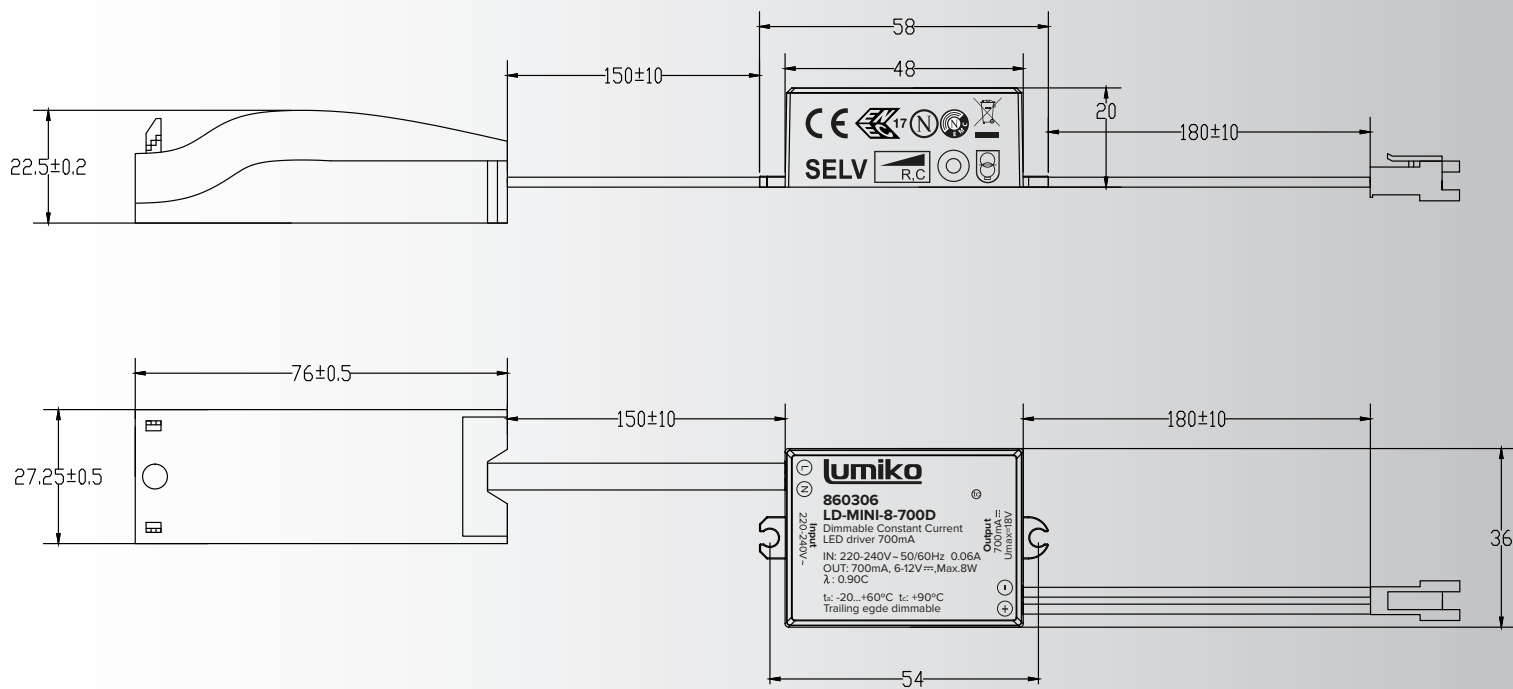


Lumiko

Onderdeel van klemko® elektrotechniek

PRODUCT DATA SHEET



860306 LD-MINI-8-700D

FEATURES

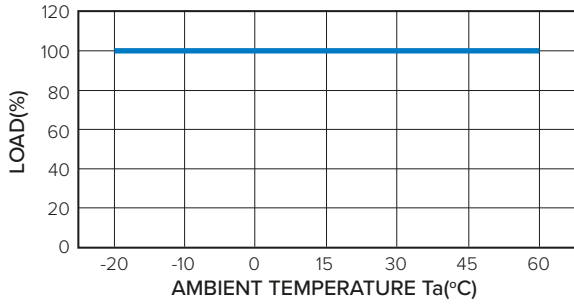
- COMPACT DESIGN.
- CONSTANT CURRENT DIMMABLE DRIVER.
- TRAILING EDGE DIMMABLE (R, C).
- INCL. TB-01 CONNECTION BOX AND JST CONNECTOR.
- ESPECIALLY FOR LUMIKO SPOTLIGHTS PROVIDED WITH JST CONNECTOR.
- EACH DRIVER IS INTENDED TO POWER ONE SPOTLIGHT.

Electrical Specifications

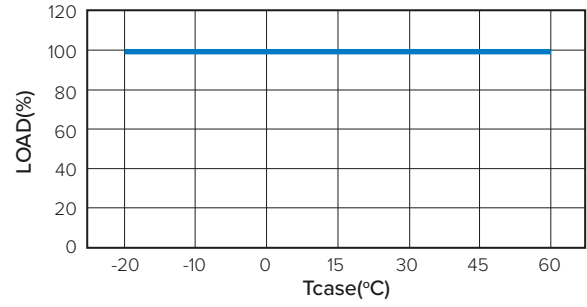
Type		Unit	MINI-8-700T
INPUT	Nominal voltage	V	220 – 240
	Nominal frequency	Hz	50 / 60
	AC voltage range	V	198 – 264
	DC voltage range	V	N/A
	Nominal current	A	0.06
	THD (Full load)	%	≤ 25
	Power factor(Full load)		0.90C
	Efficiency(Full load)	%	72
	Turn on time	ms	≤ 500
	No load	W	N/A
	Protection class		II
	Inrush current(Cold start)	A pk	5 (th = 100 μs)
	Max.units per circuit breaker		B10:140 B13:182 B16:224 B20:280 C10:166 C13:216 C16:266 C20:333
OUTPUT	Nominal voltage range	V	6 - 12
	Maximum voltage(Open Circuit)	Vdc	≤ 18
	Nominal current	mA	700
	Current accuracy	%	+/- 5
	Current ripple ≤120Hz	%	≤ 10
	Pst LM		≤ 1
	SVM		≤ 0.4
	Nominal power range	W	4 – 8
	Maximum power	W	8
	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

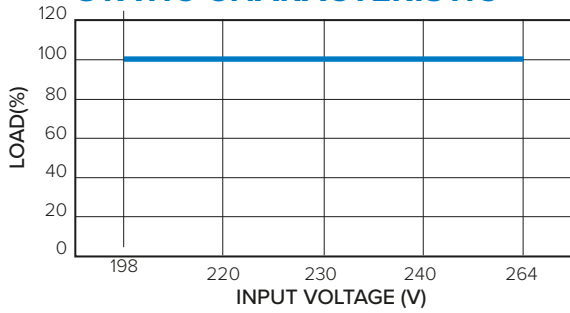
OUTPUT LOAD vs A.TEMPERATURE



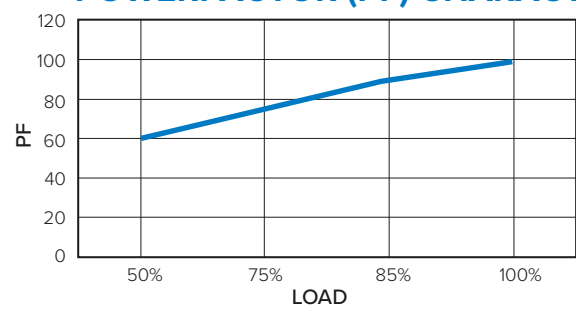
OUTPUT LOAD vs C.TEMPERATURE



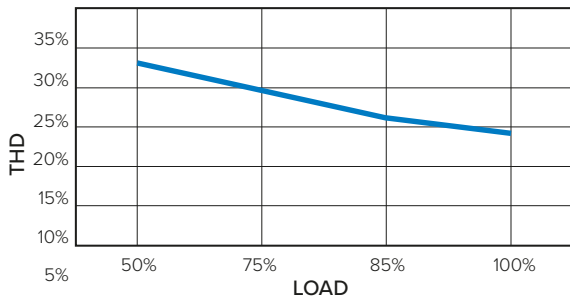
STATIC CHARACTERISTIC



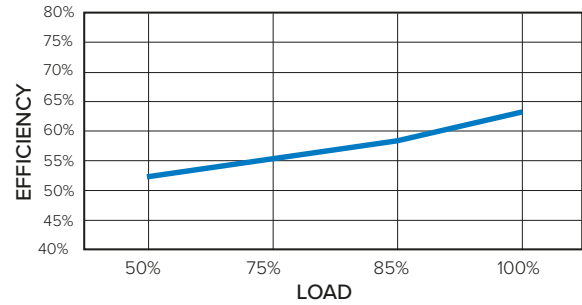
POWERFACTOR (PF) CHARACTERISTIC



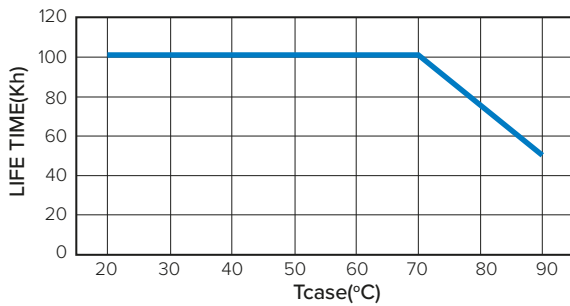
TOTAL HARMONIC DISTORTION (THD)



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.

Klemko Techniek B.V.
Nieuwegracht 26, NL-3763 LB Soest
The Netherlands
T +31 (0)88 002 3300
info@klemko.nl
www.klemko.nl