



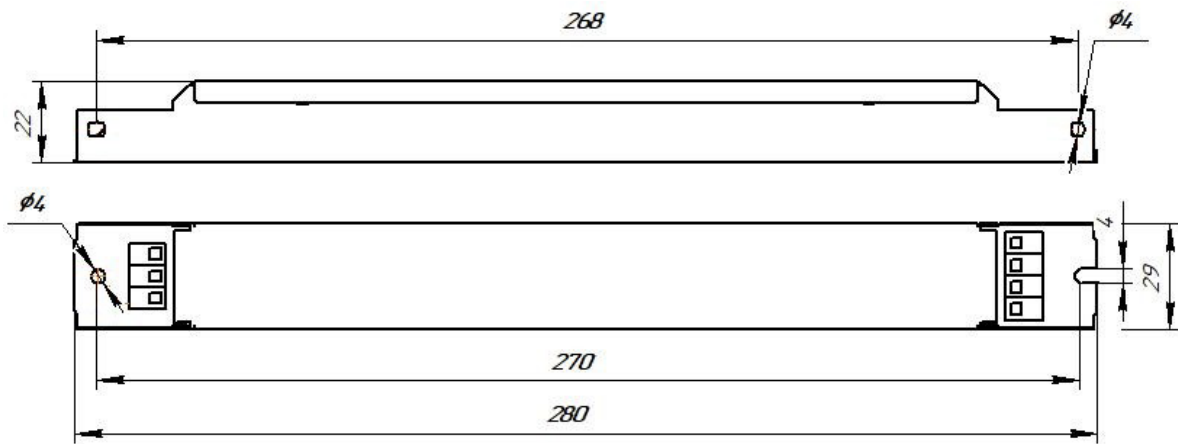
## SPECIFICATION

Model Name		Star 40-300/350TD Elegant
OUTPUT	RATED CURRENT	300, 350 mA
	DIP - SWITCH	300 or 350 mA
	CONSTANT CURRENT REGION	45-115 V
	OPEN CIRCUIT VOLTAGE	120 V
	RATED POWER	40 W
	CURRENT RIPPLE	< 3,5 mA
	CURRENT TOLERANCE	±5 %
	SET UP TIME	0,5-1 s
INPUT	VOLTAGE RANGE	176-264 VAC
	FREQUENCY RANGE	50/60 Hz
	AC CURRENT	0,25 A @ 220 VAC
	NO LOAD / STANDBY POWER CONSUMPTION	< 1 W
	INRUSH CURRENT	8 A @ 220 VAC
	POWER FACTOR	0,98 @ 50 % load
	TOTAL HARMONIC DISTORTION	≤ 15 %
	EFFICIENCY	89 %
	LEAKAGE CURRENT	< 0,3 mA
PROTECTION	OPEN CIRCUIT	Yes
	SHORT CIRCUIT	Yes
	OVER VOLTAGE	Yes
	OVER TEMPERATURE	Yes
	DIMMING	0-10 V, resistor, PWM
	IP RATING	IP20
ENVIRONMENT	WORKING TEMPERATURE	-40...+40 °C
	STORAGE TEMPERATURE	-45...+40 °C
	WORKING HUMIDITY	≤ 95 %, RH non-condensing
	VIBRATION	10 ~ 500 Hz, 5G 12 min./1cycle, period for 72min. each along X, Y, Z axes
SAFETY & EMC	SAFETY STANDARDS	UL8750
	WITHSTAND VOLTAGE (I/P-O/P, I/P-PE, O/P-PE)	> 1,5 kV AC
	ISOLATION RESISTANCE	> 200 M Ohms
	EMC	EN 61000-3-2, 3; EN55015 EN 61000-4-2, 3, 4, 5, 6, 8, 11
OTHERS	LIFE TIME	50 000 Hours
	DIMENSION	280 x 29 x 22 mm
	WEIGHT	0,2 kg
	PACKING	325 x 305 x 260 mm, 60 pcs., 13,5 kg

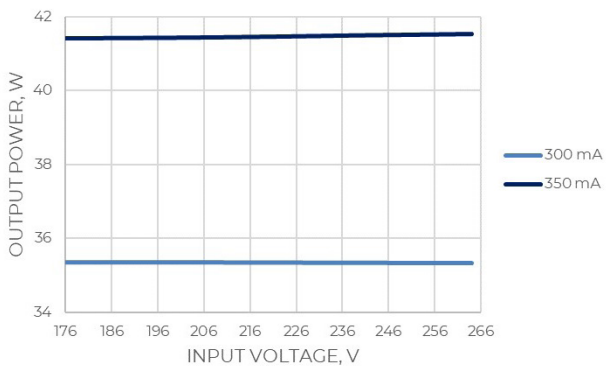
### NOTE:

All parameters were measured at power network 220 VAC, rated current and 25 °C of ambient temperature Measurement accuracy 3 - 5 %.

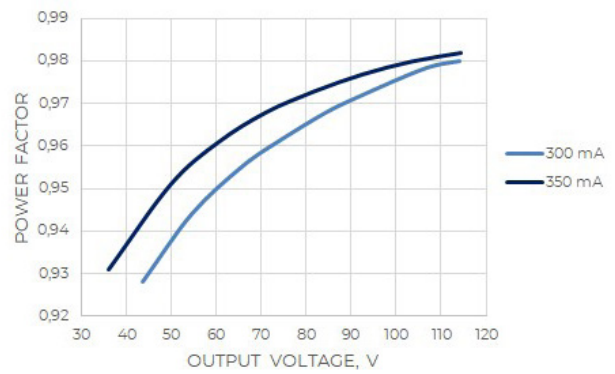
# MECHANICAL SPECIFICATION



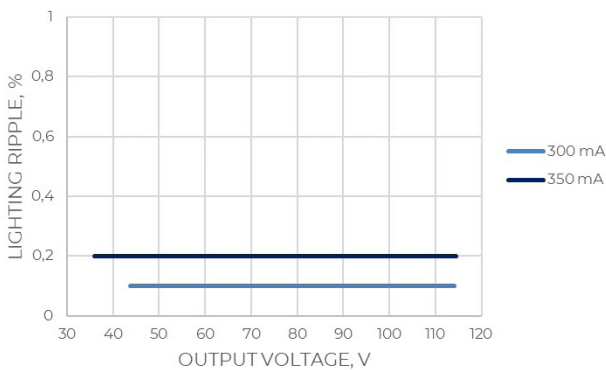
## STATIC CHARACTERISTIC



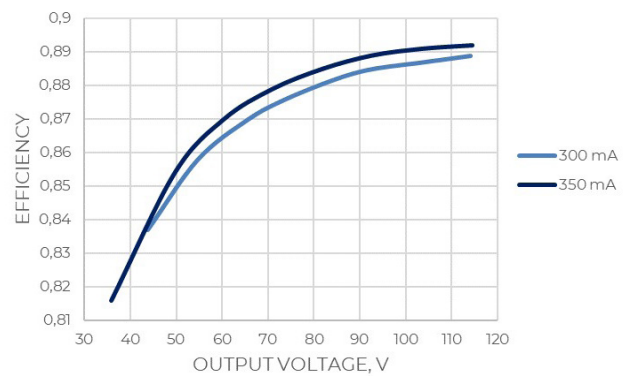
## POWER FACTOR



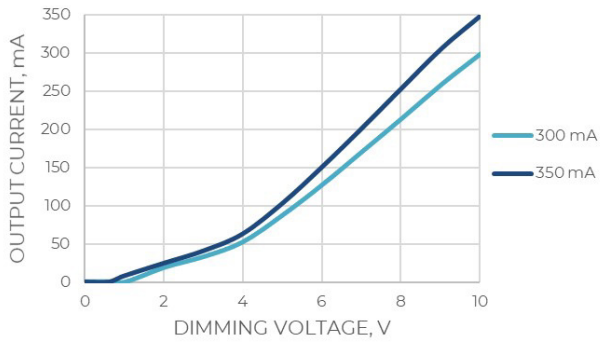
## LIGHTING RIPPLE



## EFFICIENCY vs OUTPUT VOLTAGE



**OUTPUT CURRENT vs DIMMING VOLTAGE**



Dimming voltage	$I_{\text{rated}} = 300 \text{ mA}$	Dimming voltage	$I_{\text{rated}} = 350 \text{ mA}$
0	0	0	0
3	35	3	40
6	130	6	150
9	260	9	310
10	300	10	350