

HYL-080RB1900G280ADC

Constant current LED driver

Product description

- built-in constant current LED Driver
- Adjustable output current between 1600 and 1900mA via DIP switch
- Max. output power 80W
- Up to 88 % efficiency
- For luminaires of protection class I
- Nominal life-time up to 50,000 h
- 5-year guarantee

Benefits

- Application-oriented operating window for maximum compatibility
- Long lasting and high reliability
- white metal housing 30 x 21 mm

Interfaces

- Terminal blocks: 45° push terminals

Applications

- Linear and area lighting
- Office – industrial – shop

Approval marks

CE (CCC) SELV

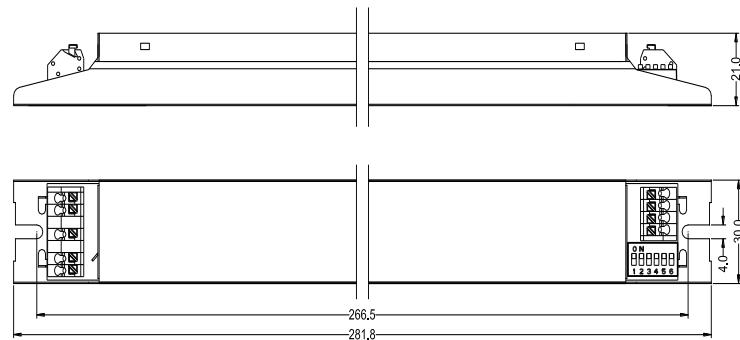
IP20 RoHS

In preparation, if not already printed on product label



Technical data

Rated supply voltage	220 – 240 V
AC voltage range	198 – 264 V
DC voltage range	NA
Mains frequency	50 / 60 Hz
Overvoltage protection	n.a
Typ. current (at 230 V, 50 Hz, full load)	180– 330mA
Leakage current (at 230 V, 50 Hz, full load)	< 500 μ A
Max. input power	92W
Typ. efficiency (at 230 V / 50 Hz / full load)	0.88
λ (at 230 V, 50 Hz, full load)	0.95
Typ. power input on stand-by	n.a
Typ. input power in no-load operation	n.a
In-rush current (peak / duration)	28A/234 μ s
THD (at 230 V, 50 Hz, full load)	<10 %
Time to light (at 230 V, 50 Hz, full load)	n.a
Time to light (DC mode)	n.a
Switchover time (AC/DC)	n.a
Turn off time (at 230 V, 50 Hz, full load)	< 4 ms
Output current tolerance	\pm 3 %
Output current ripple	\pm 5 %
Max. output voltage (no-load voltage)	60 V
Dimming range	n.a
Mains surge capability (between L – N)	1 kV
Mains surge capability (between L/N – PE)	2KV
Surge voltage at output side (against PE)	0.5KV
Dimensions L x W x H	280x30x21 mm



Units: mm

Ordering data

Type	Packaging carton	Weight per pc.
HYL-080RB1900G280ADC	30 pc(s)	0.360 Kg

Specific technical data

Type	PIN 2	PIN 3	Output current t(mA)	Min. forward voltage (V)	Max. forward voltage (V)	Min. output power (W)	Max. output power (W)	Typ. power consumption (at 230 V, 50 Hz, full load) (W)	Typ. current consumption (at 230 V, 50 Hz, full load)(A)
HYL-080RB1900G280ADC	●	●	1900	28	42	53.2	79.8	89.6	0.400
	●	○	1800	28	42	50.4	75.6	84.66	0.379
	○	●	1700	28	42	47.6	71.4	79.12	0.355
	○	○	1600	28	42	44.8	67.2	74.21	0.334