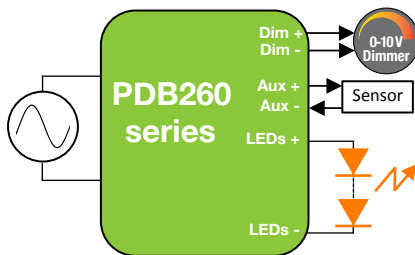


## 260 W Programmable Constant Current LED Driver with 0-10 V Dimming

Input Voltage	Max. Output Power	Efficiency	Max. Case Temperature	THD	Power Factor	Dimming Type and Range	Startup Time
120 to 277 Vac nominal	260 W	up to 93% typical	90°C (measured at the hot spot)	< 20% (from 100% to 50% of max rated power)	> 0.9 (from 100% to 50% of max rated power)	0 - 10V, 1 -100% (% of Iout)	500 ms typical



Ordering Part Number	Nominal Input Voltage (Vac)	Max Output Power (W)	Iout 1 (mA)	Vout 1 (Vdc)	Iout 2 (mA)	Vout 2 (Vdc)
PDB260W-0860-400	120 to 277	260	430 to 860	228 to 300	325 to 650	304 to 400
PDB260W-1300-280	120 to 277	260	650 to 1300	152 to 200	465 to 930	213 to 280
PDB260W-1700-210	120 to 277	260	850 to 1700	114 to 150	620 to 1240	160 to 210

For additional options of output current and output voltage, contact your sales representative or send an email to: [SaveEnergy@erp-power.com](mailto:SaveEnergy@erp-power.com)



**Aluminum Case**  
L 217/240.5 x W 50.8 x H 38.5 mm  
(L 8.54/9.47 x W 2.00 x H 1.52 in)

### BASE FEATURES

- Non-linear 0-10V dimming profile with dim-to-off (10V to 9.1V=100%, 1.5V to 0.6V=1%, <0.6V=dim-to-off)
- Auxiliary output 12 V/100 mA
- IP66-rated case with silicone-based potting
- Surge protection:
  - IEC61000-4-5: 4 kV line to line/4 kV line to earth
  - 2.5 kV ring wave: ANSI/IEEE c62.41.1-2002 & c62.41.2-2002 category A
- Ripple: 25%
- Protections: Output open load, over-current and short-circuit (hiccup), over-power, over-temperature with foldback and auto-recovery
- Conducted and radiated EMI: Compliant with FCC CFR Title 47 Part 15 Class A at 120 Vac & 277 Vac and EN55015 (CISPR 15) at 220/230/240 Vac
- Lifetime: 50,000 hours @ Tc = 70°C
- 90°C maximum case hot spot temperature
- UL Class P

### PROGRAMMING

- Dual output voltage range selection
- Serial port programming
  - Current: 100% to 50% in each voltage range
  - Data log read: SKU, S/N, lot code, hours of operation, FW rev., fault events: power failure, transients (short or surge), thermal

### OPTIONS

- Ripple <10% @ 120 Hz & <8% @ 120 Hz (IEEE1789)
- Auxiliary output: up to 24 V / down to 3.3 V / up to 500 mA
- Alternate 0-10V dimming profiles: Linear, Logarithmic, Ballast type Mark7 (IEC60929, ANSI C82.11)
- Energy metering (as part of future software upgrade)

### APPLICATIONS

- Street Lights
- Industrial LED Lighting
- Wide-area Lighting
- Outdoor lighting



**CHINA Operations**  
tel: +86-756-6266298  
No. 8 Pingdong Road 2  
Zhuhai, Guangdong, China 519060

[www.erp-power.com](http://www.erp-power.com)

[SaveEnergy@erp-power.com](mailto:SaveEnergy@erp-power.com)

**USA Headquarters**  
tel: +1-805-517-1300  
893 Patriot Drive, Suite E  
Moorpark, CA 93021, USA