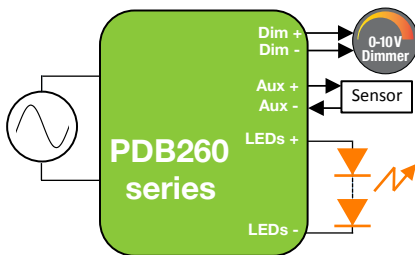


## 260 W Programmable Constant Current LED Driver with 0-10 V Dimming

Nominal Input Voltage	Max. Output Power	Output Voltage	Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimming Method	Dimming Range
120 to 277 Vac	260 W	114 to 400 Vdc	325 mA to 1700 mA CC	up to 93% typical	90°C (measured at the hot spot)	< 20%	> 0.9	0 - 10V	1 - 100% (% of Iout)



Ordering Part Number	Nominal Input Voltage (Vac)	Max Output Power (W)	Iout 1 (mA)	Vout 1 (Vdc)	Iout 2 (mA)	Vout 2 (Vdc)
Dual Range						
PDB260W-0860-400	120 to 277	260	430 to 860	234 to 300	325 to 650	312 to 400
PDB260W-1300-280	120 to 277	260	650 to 1300	156 to 200	465 to 930	218 to 280
PDB260W-1700-210	120 to 277	260	850 to 1700	117 to 150	620 to 1240	164 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)



### FEATURES

- Programmable Features**
  - Current: 100% to 50% in each voltage range
  - Output voltage range selection
  - Data log read: SKU, S/N, lot code, hours of operation, FW rev., fault events: power failure, transients (short or surge), thermal events
- 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
- Dual output voltage range
- IP66-rated case with silicone-based potting
- Surge protection:
  - Combination wave IEC61000-4-5: 4 kV line to line/4 kV line to earth (higher surge is available upon request)
  - 2.5 kV ring wave: ANSI/IEEE c62.41.1-2002 & c62.41.2-2002 category A
- 90°C maximum case hot spot temperature
- Complies with ENERGY STAR® luminaire specification and DLC (Design Light Consortium®) technical requirements
- UL Class P
- Worldwide safety approvals

### 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
- Wide-area Lighting
- Industrial LED Lighting
- Outdoor lighting



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