

## PDB260 Series

# 260 W

### 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	e 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 lout)	500 ms typical	
DDB260	Dim + 0-10 Dim - Dim Aux + Sense	mer	Ordering F Number		Nominal Input Voltage (Vac)	Max Output Power (W)	lout 1 (mA)	Vout 1 (Vdc)	lout 2 (mA)	Vout 2 (Vdc)
oorioo	EDs +	_	PDB260W-086	60-400	120 to 277	260	430 to 860	228 to 300	325 to 650	304 to 40
			PDB260W-130	00-280	120 to 277	260	650 to 1300	152 to 200	465 to 930	213 to 28
		1	PDB260W-170	00-210	120 to 277	260	850 to 1700	114 to 150	620 to 1240	160 to 21
L	EDs -	-	For additional of	options o	f output currer	nt and outp	out voltage, con	tact your sales i	representative of	or send an

For additional options of output current and output voltage, contact your sales representative or send an email to: <u>SaveEnergy@erp-power.com</u>



## PROGRAMMINGDual 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 LightsWide-area Lighting
- Industrial LED Lighting
- Outdoor lighting





#### USA Headquarters

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

#### 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

#### CHINA Operations

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

www.erp-power.com

SaveEnergy@erp-power.com