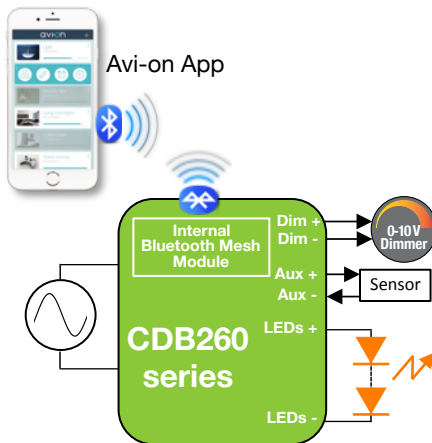


260 W Programmable Constant Current LED Driver with 0-10 V Dimming & Integrated Bluetooth® Mesh

| Input Voltage | Max. Output Power | Efficiency | Max. Case Temperature | THD | Power Factor | Dimming Type and Range | Startup Time |
|-----------------------|-------------------|-------------------|---------------------------------|---|---|------------------------------|----------------|
| 120 & 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 |



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)

| Ordering Part Number | Nominal Input Voltage (Vac) | Max Output Power (W) | Iout 1 (mA) | Vout 1 (Vdc) | Iout 2 (mA) | Vout 2 (Vdc) |
|----------------------|-----------------------------|----------------------|-------------|--------------|-------------|--------------|
| CDB260W-0860-400-□ | 120 & 277 | 260 | 430 to 860 | 234 to 300 | 325 to 650 | 312 to 400 |
| CDB260W-1300-280-□ | 120 & 277 | 260 | 650 to 1300 | 156 to 200 | 465 to 930 | 218 to 280 |
| CDB260W-1700-210-□ | 120 & 277 | 260 | 850 to 1700 | 117 to 150 | 620 to 1240 | 164 to 210 |

- : Suffix to designate the antenna option
 • W: Wire whip antenna
 • R: Removable external antenna connected to RPSMA connector

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 revision, fault events: power failure, transients (short or surge), thermal

COMMUNICATION

- Bi-directional (dimming ↑ and ↓ and data log read)
- Bluetooth Mesh with wire whip antenna and external removable antenna

AVI-ON BLUETOOTH MESH SOLUTION

- Wireless lighting controls with simple set-up
- Pre-integrated Bluetooth Smart + CSRmesh module enables brands to create multi-way controls and switching without additional wiring; no central gateway required
- Utility grade, secure, reliable mobile app & software
- Dimming, grouping, many users, schedules, timers
- Virtually unlimited range with mesh
- Download for free, additional services available



FEATURES

- Non-linear 0-10V dimming profile with dim-to-off
- Auxiliary output 12 V/100 mA
- IP66-rated case with silicone-based potting
- UL Class P
- Outdoor Surge protection:
 - IEC61000-4-5: 6 kV line to line/6 kV line to earth
 - 2.5 kV ring wave: ANSI/IEEE c62.41.1-2002 & c62.41.2-2002 category A
- Conducted and radiated EMI: Compliant with FCC CFR Title 47 Part 15 Class A at 120 Vac & 277 Vac
- Lifetime: 50,000 hours @ Tc = 70°C
- 90°C maximum case hot spot temperature

APPLICATIONS

- Outdoor & Indoor
- Horticulture grow lights
- Street lights, Area lights
- Industrial high-bay lights

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