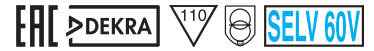
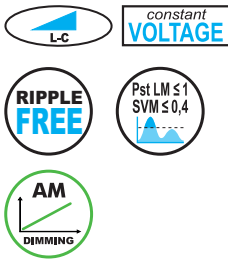


**Direct current dimmable electronic drivers**  
**Alimentatori elettronici regolabili in corrente continua**



CVD 90W MD



CVD 200W / 300W MD



Article Articolo	Code Codice	P out W	V out DC	I out DC	ta °C	tc °C	λ max. Power Factor	η max. Efficiency <sup>(1)</sup>
<b>CVD 90W 24V MD</b>	145093	20...90	24	3,75 A max.	-40...+40	80	0,95 <sup>(2)</sup>	> 86 %
<b>CVD 200W 24V MD</b>	145094	40...200	24	8,33 A max.	-40...+40	80	0,95 <sup>(3)</sup>	> 87 %
<b>CVD 300W 24V MD</b>	145095	60...300	24	12,5 A max.	-40...+40	85	0,95 <sup>(4)</sup>	> 89 %

<sup>(1)</sup> Referred to  $V_{in} = 230$  V, 100% load - Riferito a  $V_{in} = 230$  V, carico 100%

<sup>(2)</sup> Pout > 33 W

<sup>(3)</sup> Pout > 113 W

<sup>(4)</sup> Pout > 123 W

Accessories not supplied - Accessori non a corredo	
Article - Articolo	Code - Codice
ETDU29 (12.2)	180426
ETD2E9 (12.2)	180427

5.1.2

Constant voltage drivers - Compact case - Dimmable  
 Alimentatori a tensione costante - Formato compatto - Regolabili

**Rated Voltage**  
**Tensione Nominale**  
 220 ÷ 240 V

**Frequency**  
**Frequenza**  
 50-60 Hz

**Power - Potenza**  
 45 ÷ 80 W

**iTHD**  
 ≤ 20% <sup>(1)</sup>

**Output current ripple**  
 ≤ 3% <sup>(1)</sup>

**Standards compliance**  
 EN 55015  
 EN 61347-1  
 EN 61347-2-13  
 EN 61000-3-3  
 EN 61000-3-2

**Max. pcs for CB B16A**  
 (see page info17)  
 CVD 90W: 11 pcs  
 CVD 200W: 5 pcs  
 CVD 300W: 3 pcs

**In rush current**  
 CVD 90W: 86A 485μsec  
 CVD 200W: 110A 485μsec  
 CVD 300W: 116A 485μsec

**Features**

- Dimmable electronic driver with output voltage for LED modules.
- IP20 (45 W) and IP 66 (200 W / 300 W) independent driver, for indoor and outdoor use (see page info5).
- 90 W:
  - Class II protection against electric shock for direct or indirect contact.
  - Input and output terminal blocks on opposite sides.
  - Single terminal block on primary and secondary (wire cross-section up to 0,75 - 4 mm<sup>2</sup> / AWG18 - AWG11).
- 200 W / 300 W:
  - Class I protection against electric shock for direct or indirect contact.
  - Cables on primary and secondary circuits for connection.
  - If the input cable is damaged it can only be replaced by authorized personnel.
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads.
- Thermal protection = C.5.e.

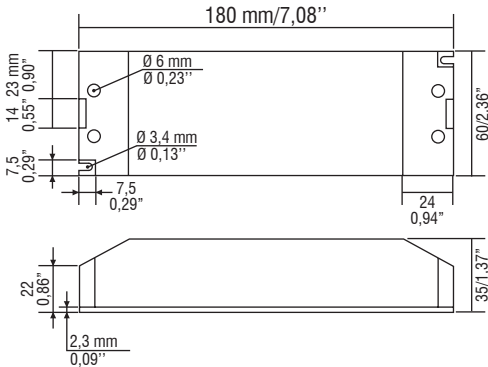
**Caratteristiche**

- Alimentatore elettronico regolabile con uscita in tensione per moduli LED.
- Alimentatori indipendenti IP20 (90 W) e IP 66 (200 W / 300 W), per uso interno ed esterno (vedi pagina info5).
- 90 W:
  - Protetto in classe II contro le scosse elettriche per contatti diretti e indiretti.
  - Morsetti di entrata e uscita contrapposti.
  - Singola morsettiera su primario e secondario (sezione cavo fino a 0,75 - 4 mm<sup>2</sup> / AWG18 - AWG11).
- 200 W / 300 W:
  - Protetto in classe I contro le scosse elettriche per contatti diretti e indiretti.
  - Fornito di cavi su primario e secondario per il collegamento.
  - Se il cavo di rete è danneggiato deve essere sostituito da personale autorizzato.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.
- Protezione termica = C.5.e.

**Direct current dimmable electronic drivers**  
**Alimentatori elettronici regolabili in corrente continua**

**IP 20** **SCREW FIXING**  $\varnothing 80$  3.15" Weight - Peso gr. 450 / 15,9 oz.  
 Pcs - Pezzi - 20

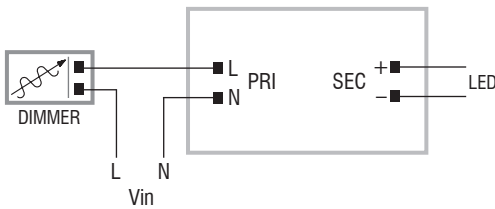
CVD 90W MD



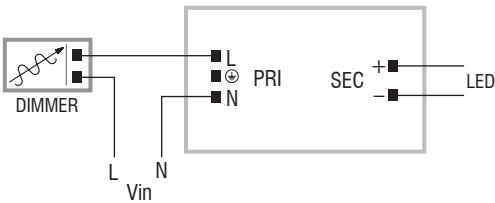
**Wiring diagrams - Schemi di collegamento**

(Max. LED distance at page info8 - Massima distanza LED a pagina info8)

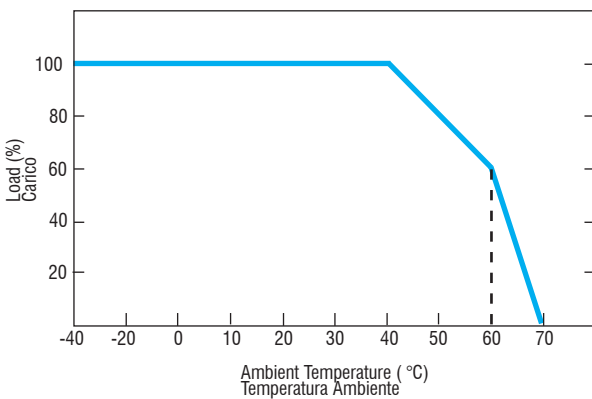
CVD 90W MD



CVD 200W / 300W MD



**Derating curve - Curva di declassamento**

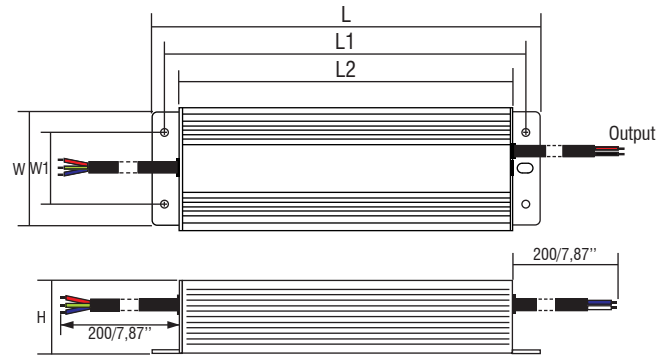


**Operation Mode**

- Regulating driver with "phase cut-off" dimmer IGBT and TRIAC.

**IP 66** **SCREW FIXING**

CVD 200W / 300 W MD



Article Articolo	Dimensions - Dimensioni						Weight Peso
	L	L1	L2	W	W1	H	
<b>CVD 200W MD</b>	256	244	238	78	43	47	gr. 1450 - 51,1 oz.
<b>CVD 300W MD</b>	276	264	252	78	43	47	gr. 1670 - 58,9 oz.

**5.1.2**

Constant voltage drivers - Compact case - Dimmable  
 Alimentatori a tensione costante - Formato compatto - Regolabili

**Modalità di funzionamento**

- Alimentatore regolabile con dimmer a "taglio di fase" IGBT e TRIAC.