

# F / POWER LED DRIVER

## VIRGO

**Input:** 220-240 V 50/60 Hz

**Output:** 12/24 V 35/62 W



### CARATTERISTICHE

Made in Italy	5 anni di garanzia
Tensione costante	Durata > 50.000h
Per uso interno	Assenza di sfarfallio
Rivestimento in resina epossidica (brevettato)	Dimmerabile con accessori esterni
Protezione Surge (linea-neutro) fino a 2kV	Basso ripple in uscita PFC integrato

CE



IP20 - SELV - RoHS

Adatto per strisce e moduli LED, in applicazioni lighting e signage

Articolo Codice	AC INPUT				DC OUTPUT				
	Tensione Ingresso	Efficienza	Corrente di spunto (max)	Corrente di ingresso (max)	Tensione uscita (± 2.5%)	Corrente uscita	Ripple uscita (max)	Output power (EN61000-3-2 class C)	
	Vac Hz	%	A	A	Vdc	Adc	mVpp	(max) W	(min) W
VIRGO 35W 12V IP20 FD2D2Z12	220-240 50/60	>85	20	0.25	12	2.92	<500	35	5
VIRGO 35W 24V IP20 FD2D3Z12	220-240 50/60	>85	20	0.25	24	1.46	<500	35	5
VIRGO 62W 12V IP20 FD2F2Z12	220-240 50/60	>85	20	0.35	12	5.2	<500	62	5
VIRGO 62W 24V IP20 FD2F3Z12	220-240 50/60	>85	20	0.35	24	2.6	<500	62	5

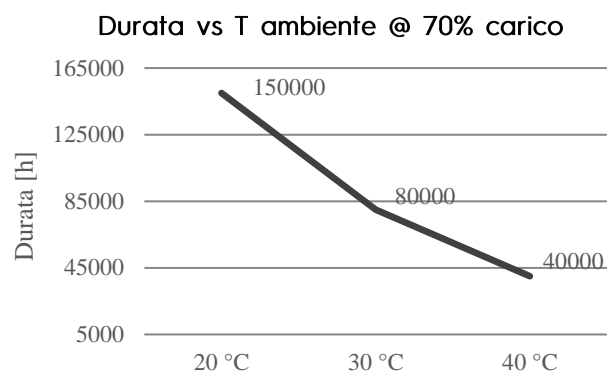
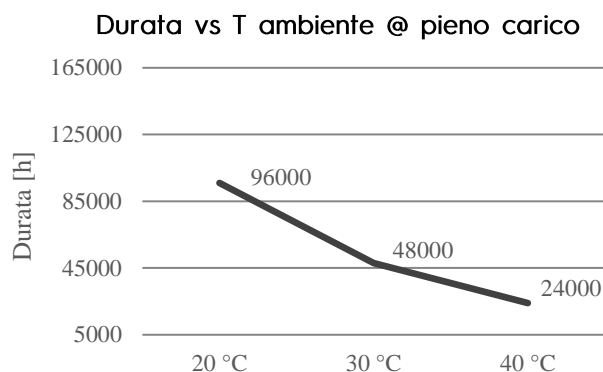
Sicurezza & EMC	
EMC	EN 55015 EN 61000-3-2 EN61000-3-3 EN 61547
Standard Sicurezza	EN 61347-1 EN 61347-2-13
Grado IP	EN 60529
RoHS	EN 50581
Classe Isolamento	Classe II equivalente

Protezioni	
Sovraccarico (OLP)	115-130% spegnimento con riavvio automatico
Corto Circuito (SCP)	Spegnimento con riavvio automatico
Sovratensioni (OVP)	Spegnimento con riavvio automatico
Termica (OTP)	Spegnimento con riavvio automatico

Articolo Codice	Dimensioni mm Lung x Larg x Alt Pezzo Imballo	Peso Kg Pezzo Imballo	Temperatura di lavoro °C	Temperatura di stock °C	Umidità (senza condensa) %	Fattore di Potenza λ	Consumo a vuoto W	Grado IP
VIRGO 35W 12V IP20 FD2D2Z12	236 x 32 x 31 248 x 42 x 40	0.47 0.49	-15 ... +55	-40 ... +80	5-90	>0.95	0.3 tip.	IP20
VIRGO 35W 24V IP20 FD2D3Z12	236 x 32 x 31 248 x 42 x 40	0.47 0.49	-15 ... +55	-40 ... +80	5-90	>0.95	0.3 tip.	IP20
VIRGO 62W 12V IP20 FD2F2Z12	236 x 32 x 31 248 x 42 x 40	0.48 0.50	-15 ... +55	-40 ... +80	5-90	>0.95	0.3 tip.	IP20
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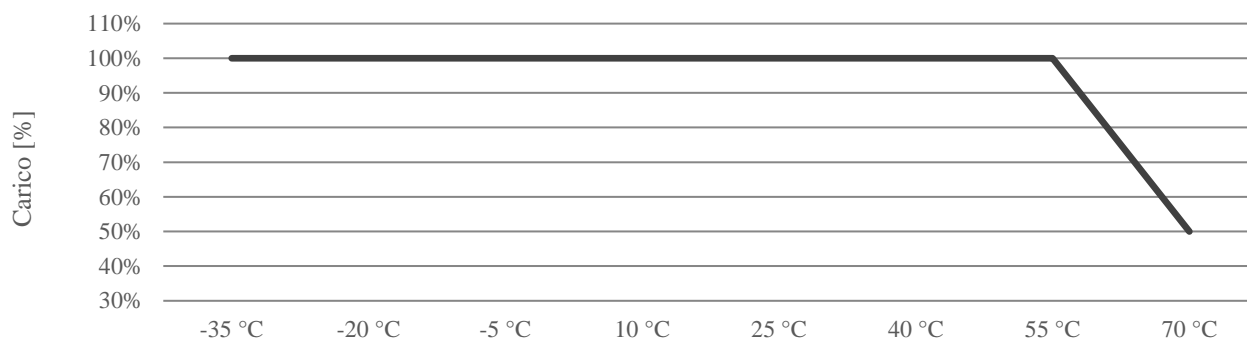
TIPO CONNESSIONE	Identificativo connessione	Colore	Funzione
Ingresso	L	Marrone	Ingresso fase CA. Sezione min 0.75 mm <sup>2</sup>
Ingresso	N	Blu	Ingresso neutro CA. Sezione min 0.75 mm <sup>2</sup>
Uscita	-	N/A	SELV polo negativo. Sezione min 1 mm <sup>2</sup>
Uscita	+	N/A	SELV polo positivo. Sezione min 1 mm <sup>2</sup>

## DURATA E CURVA DI DECLASSAMENTO

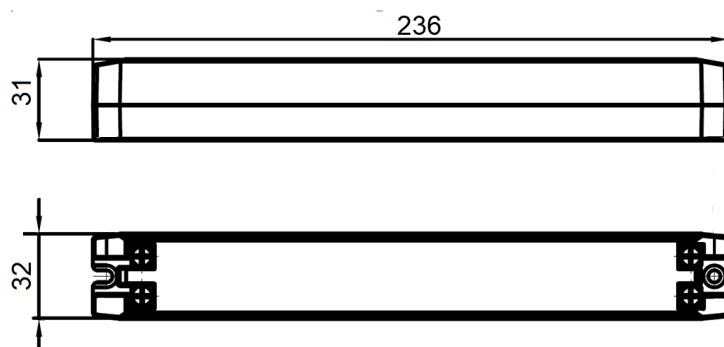


La durata è indicativa e non rappresenta alcun reclamo di

### Curva di declassamento: Carico vs Temperatura



garanzia.



## DIMENSIONI (mm)

## IMBALLO

Gli articoli sono imballati singolarmente. Imballo multiplo da 10 pezzi in scatola di cartone.

# F / POWER

## LED DRIVER

### VIRGO

**Input:** 220-240 V 50/60 Hz

**Output:** 12/24 V 35/62 W



#### FEATURES

- |   |                                    |
|---|------------------------------------|
| Made in Italy                               | 5 years warranty                   |
| Constant voltage                            | Lifetime > 50.000h                 |
| Indoor use                                  | Flickering free                    |
| Epoxy resin case (patented)                 | Dimmable with external accessories |
| Surge protection (line-neutral) up to a 2kV | Very low output ripple             |
|   | PFC Built-in                       |



IP20 – SELV – RoHS

Suitable for LED stripes and modules, for signs and lighting

Item Code	AC INPUT				DC OUTPUT				
	Mains Vac Hz	Efficiency %	Inrush current (max) A	Input current (max) A	Output voltage (± 2.5%) Vdc	Output current Adc	Output ripple (max) mVpp	Output power (EN61000-3-2 class C)	
								(max) W	(min) W
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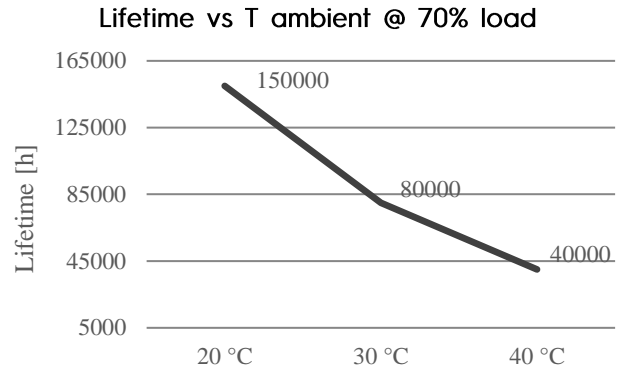
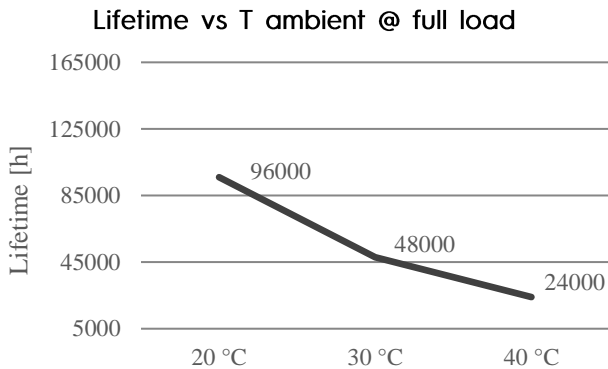
Safety & EMC	
EMC	EN 55015 EN 61000-3-2 EN61000-3-3 EN 61547
Safety Standard	EN 61347-1 EN 61347-2-13
IP	EN 60529
RoHS	EN 50581
Insulation Class	Class II equivalent

Protection	
Over load (OLP)	115-130% switch off with auto-recovery
Short circuit (SCP)	Switch off with auto-recovery
Over voltage (OVP)	Switch off with auto-recovery
Over Temperature (OTP)	Switch off with auto-recovery

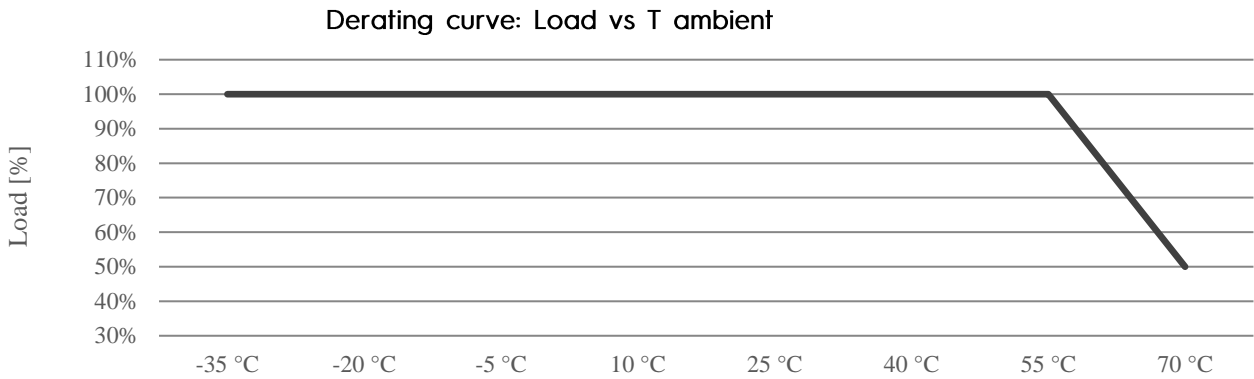
Item Code	Dimensions mm L x W x H Piece Box	Weight Kg Piece Box	Working temperature °C	Storage temperature °C	Humidity (without moisture) %	Power factor λ	Min/Idle-status consumption W	Case Protection
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CONNECTION	Connection Name	Color	Function
Input	L	Brown	Line input from AC power mains. Minimum section 0.75 mm <sup>2</sup>
Input	N	Blue	Neutral input from AC power mains. Minimum section 0.75 mm <sup>2</sup>
Output	-	N/A	SELV negative polarity. Minimum section 1 mm <sup>2</sup>
Output	+	N/A	SELV positive polarity. Minimum section 1 mm <sup>2</sup>

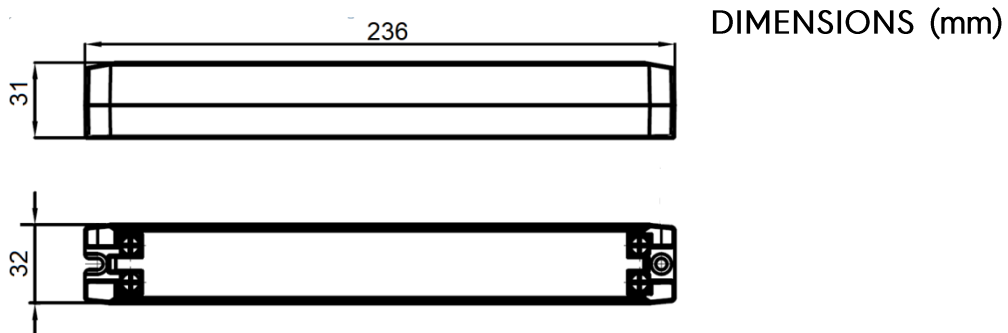
### LIFETIME & DERATING CURVE



Lifetime declarations are indicative and represent no warranty



claim.



### PACKAGING

Items are single boxed. Multiple packaging: 10 pcs in carton box.