

LED DRIVERS - CONSTANT CURRENT

LED Drivers - Constant Current Part Number Break Down

Example part number:
VEL30054MVHDA-10V-1

VEL	30	054	MV	HDA	10V	-	1
Espen Constant Current LED Driver	Rated Load Wattage 12=12W 30=30W 40=40W	Output Current 054=540mA 070=700mA 105=1.05A 200=2.0A	Input Voltage 120=120V 347=347V MV=120V-277V JV=120V-347V FV=277V-480V HV=347V-480V	Performance H = High Power Factor D = Dimmable A = Class 2	Dimming Method 10V = 0-10V 10T = 0-10V & Triac@120V		Case Style 1 = Case#1 2 = Case#2 3 = Case#3

FEATURES AND BENEFITS

- Multiple constant current output configurations
- Wide range of wattages available
- High efficiency
- MV models with active power factor correction
- 100% full load burn in test
- 5 year warranty



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LED MODULES	CONSTANT CURRENT								
	MODEL #	MAX POWER	INPUT VOLTAGE	DIMMING	EFFICIENCY AT NOMINAL LOAD	OUTPUT VOLTAGE MAX RANGE	OUTPUT CURRENT RANGE	MIN START TEMP	IP RATING
LED DRIVERS	VEL80XXXHVHDA-10V-35	80	347-480	0-10V	85	55	300-1800	-30	Damp
	VEL96XXXMVHDA-10V-57	96	120-277	0-10V	87-89	12-55	1750-4200	-35	IP67
	VEL100XXX347HDA-10V-50	100	347	0-10V	87	55	4200	-30	IP20
	VEL100XXXJVHDA-10V-50	100	120-347	0-10V	87	55	4200	-30	IP20
	VEL100XXXHVHDA-10V-50	100	347-480	0-10V	87	55	4200	-30	IP20
	VEL100XXXJVHDA-10V-P-35	100	120-347	0-10V	87	50	1000-2500	-25	Damp
	VEL100XXX347HDA-10V-P-35	100	347	0-10V	87	50	1000-2500	-25	Damp
	VEL100XXXMVHDA-10V-P-1	100	120-277	0-10V	87	50	1000-2800	-30	Damp
	VEL100XXXJVHDA-10V-1	100	120-347	0-10V	87	48	2000-2700	-30	Damp
	VEL100XXXMVHDB-10V-58	100	120-277	0-10V	88-90	12-286	350-4200	-35	IP67
LED DRIVER CASES	VEL100XXXMVHB-58	100	120-277	N/A	88-90	12-286	350-4200	-30	IP67
	VPL100-XXX-MVHDA-PD-4C-35	100	120-277	0-10V	87	20-52	400-700	-20	IP20
	VPL100-XXX	100	120/277	0-10V	87	50	680-2720	-30	IP20
	VPL100-XXX-35	100	120-277	0-10V	87	35-45	680-2720	-25	IP20
	VEL100XXXHVHDA-10V-1	100	347-480	0-10V	85	56	800-4200	-30	Damp
	VEL120XXXMVHDB-10V-58	120	120-277	0-10V	87-90	12-343	350-5000	-35	IP67
	VEL120XXXMVHB-58	120	120-277	N/A	88-90	12-343	350-5000	-30	IP67
	VPL120XXXMVHDB-10V-T-58	120	120-277	Time Shared/0-10V/PWM	87-90	12-343	350-5000	-40	IP67
	VEL150XXXMVHDB-10V-62	150	120-277	0-10V	88-90	15-428	350-5000	-35	IP67
	VEL150XXXMVHB-62	150	120-277	N/A	88-90	15-428	350-5000	-30	IP67
LED LAMPS	VEL200XXXMVHDB-10V-63	200	120-277	0-10V	88-90	17-571	350-6000	-35	IP67
	VEL200XXXMVHB-63	200	120-277	N/A	88-90	17-571	350-6000	-30	IP67
	VPL200XXXMVHDB-10V-T-63	200	120-277	Time Shared/0-10V/PWM	88-90	17-571	350-6000	-40	IP67
	VPL600XXXMVHDA-YY	600	100/277	0-10V/PWM	95	24/30/36/42/48/54	25000	-25	IP67
	VPL1200XXXMVHDA-YY	1200	100/277	0-10V/PWM	94	24/30/36/42/48/54	50000	-25	IP67
LED RETROFIT KITS									
LED EMERGENCY BATTERY BACK UP									
STEP-DOWN TRANSFORMERS									
CONTROL OPTIONS									

*Please check with factory or individual specification sheets for actual voltage for each current as this number is a maximum range

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UL-P	UL	FCC CLASS	CLASS2	LENGTH (L) IN INCHES	WIDTH (W) IN INCHES	HEIGHT (H) IN INCHES	CASE #	MODEL #
	✓	A	✓	9.50	1.70	1.20	35	VEL80XXXHVHDA-10V-35
	✓	B		6.89	2.66	1.46	57	VEL96XXXMVHDA-10V-57
	✓	A	✓	8.89	2.36	1.65	50	VEL100XXX347HDA-10V-50
	✓	A	✓	8.89	2.36	1.65	50	VEL100XXXJVHDA-10V-50
	✓	A	✓	8.89	2.36	1.65	50	VEL100XXXHVHDA-10V-50
✓				9.50	1.70	1.20	35	VEL100XXXJVHDA-10V-P-35
✓				9.50	1.70	1.20	35	VEL100XXX347HDA-10V-P-35
✓		B	✓	9.50	1.70	1.20	1	VEL100XXXMVHDA-10V-P-1
	✓	A	✓	9.50	1.70	1.20	1	VEL100XXXJVHDA-10V-1
	✓	B		7.64	2.66	1.46	58	VEL100XXXMVHDB-10V-58
	✓	B	✓	7.64	2.66	1.46	58	VEL100XXXMVHB-58
	✓	B	✓	8.91	1.70	1.20	35	VPL100-XXX-MVHDA-PD-4C-35
✓		B	✓	9.50	1.70	1.20	35	VPL100-XXX
	✓	B	✓	9.50	1.70	1.20	35	VPL100-XXX-35
	✓	A	✓	9.50	2.36	1.66	1	VEL100XXXHVHDA-10V-1
	✓	B		7.64	2.66	1.46	58	VEL120XXXMVHDB-10V-58
	✓	B	✓	7.64	2.66	1.46	58	VEL120XXXMVHB-58
	✓	B		7.64	2.66	1.46	58	VPL120XXXMVHDB-10V-T-58
	✓	B		7.83	2.66	1.57	62	VEL150XXXMVHDB-10V-62
	✓	B	✓	7.83	2.66	1.57	62	VEL150XXXMVHB-62
	✓	B	✓	8.82	2.66	1.57	63	VEL200XXXMVHDB-10V-63
	✓	B	✓	8.82	2.66	1.57	63	VEL200XXXMVHB-63
	✓	B		8.82	2.66	1.57	63	VPL200XXXMVHDB-10V-T-63
		A		11.06	5.70	2.00		VPL600XXXMVHDA-YY
		A		11.70	8.50	3.10		VPL1200XXXMVHDA-YY

LED
MODULES

LED
DRIVERS

LED
DRIVER CASES

LED
LAMPS

LED
RETROFIT KITS

LED EMERGENCY
BATTERY BACK UP

STEP-DOWN
TRANSFORMERS

CONTROL
OPTIONS