



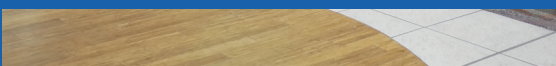
the Power to Create Better Light™



OEM PRODUCT GUIDE



www.espentech.com



LED DRIVERS - CONSTANT CURRENT

LED
MODULES

LED
DRIVERS

LED
DRIVER CASES

LED
LAMPS

LED
RETROFIT KITS

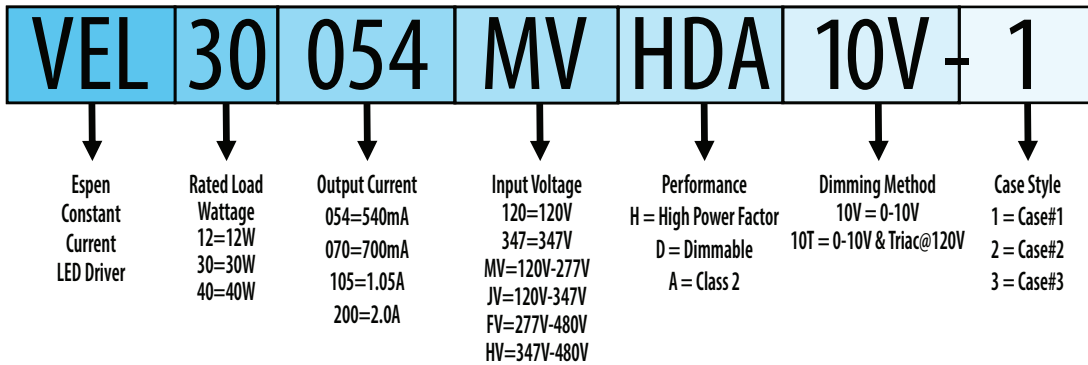
LED EMERGENCY
BATTERY BACK UP

STEP-DOWN
TRANSFORMERS

CONTROL
OPTIONS

LED Drivers - Constant Current Part Number Break Down

Example part number:
VEL30054MVHDA-10V-1



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



LED DRIVERS - CONSTANT CURRENT

CONSTANT CURRENT

MODEL #	MAX POWER	INPUT VOLTAGE	DIMMING	EFFICIENCY AT NOMINAL LOAD	OUTPUT VOLTAGE MAX RANGE	OUTPUT CURRENT RANGE	MIN START TEMP	IP RATING
VEL2700120M-3	6	120	N/A	85	3-8	700	-25	IP20
VEL6XXX120H-3	6	120	N/A	85	3-8	200-700	-25	IP20
VEL6XXX120M-3	6	120	N/A	85	3-8	200-700	-25	IP20
VEL3700120H-1	8	120	N/A	85	8-12	700	-25	IP20
VEL8XXX120H-1	8	120	N/A	85	6-30	200-700	-25	IP20
VEL12XXX120H-1	12	120	N/A	85	40	200-1050	-25	IP20
VEL12XXX120H-2	12	120	N/A	85	40	200-1050	-25	IP20
VEL12XXX120H-3	12	120	N/A	85	40	200-1050	-25	IP20
VEL12XXXMVH-1	12	120-277	N/A	85	40	200-1050	-25	IP20
VEL12XXXMVH-2	12	120-277	N/A	85	40	200-1050	-25	IP20
VEL12XXXMVH-3	12	120-277	N/A	85	40	200-1050	-25	IP20
VEL12XXXMVH-32	12	120-277	N/A	85	6-33	200-1050	-25	Damp
VEL12XXX120HDA-1	12	120	Triac	85	10-34	200-1050	-25	IP20
VEL12XXX120HDA-2	12	120	Triac	85	10-34	200-1050	-25	IP20
VEL12XXX120HDA-3	12	120	Triac	85	10-34	200-1050	-25	IP20
VEL12XXX120HDA-1v1	12	120	Triac	85	50	200-1050	-25	Damp
VEL12XXX120HDA-2v1	12	120	Triac	85	50	200-1050	-25	Damp
VEL12XXX120HDA-3v1	12	120	Triac	85	50	200-1050	-25	Damp
VEL12XXXMVH-51	12	100-277	N/A	80-8	6-48	250-1000	-30	IP66
VRL25XXXMVHDA-10V-P-1	12-2	120-277	0-10V/PWM	5	45	800	-30	Damp
VEL18035MVH-11	5	120-277	N/A	85	33-52	350	-20	IP54
VEL6700120H(10.50) V2 H-4	18	120	N/A	80	18-33	500	-25	IP20
VEL6700120H(10.50) V2 L-4	18	120	N/A	85	13-24	500	-25	IP20
VEL6700120H-4	18	120	N/A	85	15-24	700	-25	IP20
VEL18XXX120H-4	18	120	N/A	85	12-33	200-700	-25	IP20
VEL19XXX120H-1	18	120	N/A	85	40	200-1050	-25	IP20
VEL19XXX120H-2	19	120	N/A	85	40	200-1050	-25	IP20
VEL19XXXMVH-1	19	120-277	N/A	85	10-36	200-1050	-25	Damp
VEL19XXXMVH-2	19	120-277	N/A	85	10-36	200-1050	-25	IP20
VEL19XXXMVH-3	19	120-277	N/A	85	10-36	200-1050	-25	IP20
VEL19XXX120HDA-1	19	120	Triac	85	10-52	200-1200	-25	IP20
VEL19XXX120HDA-2	19	120	Triac	83	10-52	200-1200	-25	IP20
VEL19XXX120HDA-29	19	120	Triac	83	10-52	200-1200	-20	Damp
VEL19XXX120HDA-1v1	19	120	Triac	85	55	200-1500	-25	Damp
VEL19XXX120HDA-2v1	19	120	Triac	85	55	200-1500	-25	Damp
VEL19XXXMVH-29	19	120-277	N/A	85	18-33	350-1050	-25	IP20
VEL19XXX120HDB-1	19	120	Triac	85	15-38	500-1050	-25	IP20
VEL19XXX120HDB-2	19	120	Triac	83	15-38	500-1050	-25	IP20
VEL20070MVH-13	19	120-277	N/A	83	14-29	700	-20	IP54
VEL20XXX120HDA-13	20	120	Triac	80	10-50	400-1050	-25	IP54
VEL12XXXMVHDA-10T	20	120-277	0-10V / Triac @	80	50	200-550	-30	Damp
VEL18XXXMVHDA-10T	24	120-277	120Vac	85	50	200-550	-25	Damp
VEL24XXXMVHDA-10T	24	120-277	Triac	85	21-42	200-550	-25	Damp
VEL25XXX120HDA-1	24	120	Triac	85	10-52	200-1200	-25	IP20
VEL25XXX120HDA-2	25	120	Triac	85	10-52	200-1200	-25	IP20
VEL25XXXMVHB-52	25	120-277	Triac	85	6-72	350-2100	-35	IP66
VRL50XXXMVHDA-10V-P-1	25	120/277/24V	N/A	81-8	55	300-1600	-30	Damp
VEL30035MVHB-33	26-5	DC	0-10V	8	52-86	350	-35	IP66
VEL30XXXMVH-4	0	90-305	N/A	85	60	1200	-20	IP54
VEL30XXX120H-1	30	120-277	N/A	85	30	1700	-25	IP20
VEL30XXX120H-2	30	120-277	N/A	85	30	1700	-25	IP20
VEL30XXX120H-4	30	120	N/A	85	30	1700	-25	IP20
VEL30XXX120H-42	30	120	N/A	85	30	1700	-25	IP20
VEL30XXXMVH-1	30	120	N/A	83	30	1700	-25	IP20
VEL30XXXMVH-2	30	120-277	N/A	83	30	1700	-25	Damp
VEL30XXXMVHDA-10T	30	120-277	N/A	85	15-32	1000-1400	-25	Damp
VEL30XXXMVH-42	30	120-277	Triac	85	9-30	200-1700	-20	IP54
VEL30XXXMVHDA-10V-1	30	120-277	N/A	85	12-55	200-2500	-30	Damp
VEL30XXXMVHDA-10V-P-1	30	120-277	0-10V	83	12-55	200-2500	-30	Damp
VEL30XXXMVHDA-10V-43	30	120-277	0-10V	83	12-55	200-2500	-25	IP54
VEL29XXXMVH-1	30	120-277	0-10V	83	12-55	200-2500	-25	Damp
VEL30XXXMVHA-33	30	120-277	N/A	83	17-43	700-1050	-35	IP66
VEL30XXX120HDA-1	30	90-305	N/A	85	17.7-36	700-1700	-20	IP20
VEL30XXX120HDA-25	30	120	Triac	84	17.7-36	700-1700	-25	IP20

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