

## Constant Voltage 12V / 24V Primary Dimmable

For dimming Halcyon 24V LED Lighting using a leading / trailing edge dimmer.

- Leading/Trailing Edge Dimmable
- Analogue Flicker-free
- 1 - 100% Dimming Range
- Constant Voltage [Parallel Circuit]
- SELV Equivalent
- Ambient temp range -20... +45°C
- Overload / Short Circuit Protection
- Overheat protection
- DC input compatible (176-250V DC)
- 5 Year Warranty



CODE	OUTPUT CURRENT [A]	MIN - MAX OUTPUT [W]	INPUT VOLTAGE [V]	OUTPUT VOLTAGE [V]	POWER FACTOR [λ]	DIMENSIONS L x W x H [mm]	IP RATING	CLASS
DCV12-D-25W	0.8 - 2.08A	9.6-25W	220-240V~ 50/60Hz	12V	0.95	L122 x W52 x H30mm	IP20	☐
DCV12-D-50W	1.0 - 4.16A	12-50W				L184 x W61 X H32mm		
DCV12-D-100W	2.7 - 8.3A	33-100W				L210 x W67 x H34mm		
DCV24-D-25W	0.4 - 1.04A	9.6-25W	220-240V~ 50/60Hz	24V	0.95	L122 x W52 x H30mm		
DCV24-D-50W	0.5 - 2.08A	12-50W				L184 x W61 X H32mm		
DCV24-D-100W	1.4 - 4.2A	34-100W				L210 x W67 x H34mm		
DCV24-D-200W-IP	2.7 - 8.3A	65-200W				L249 x W72 x H40mm	IP67	⊕

DO NOT SWITCH SECONDARY FEED, DO NOT WIRE LED TO LIVE DRIVER, INSTALL ABOVE INSULATION.

### Output Power [W]

When choosing a driver the total output power of the lighting must be taken into account. Constant Voltage drivers have a maximum output wattage, you must stay under this parameter for optimal performance and Driver lifespan.

### Output Current [A]

When choosing a Constant Voltage LED driver you must observe the current requirements of your light source/s to ensure you are using a big enough driver. A common sign that your circuit exceeds the maximum output current of your chosen driver is flashing/strobing lighting. If in doubt go for a larger output than required.

## RECOMMENDED DIMMERS



### DIMPMCL1350 DIMPMPDL350

Halcyon Trailing Edge  
Push Mech 10-350W  
Dimmers



### DIMROCLI350 DIMROPDL350

Halcyon Trailing Edge  
Rotational 10-350W  
Dimmers