

## Dimmable DALI LED Driver



### Product Features

- Selectable constant current and constant voltage output.  
(Custom on request)
- Full-isolated, delivering up to 40W of power.
- Short circuit, over current and over voltage protection.  
Up to 80% efficient.
- DALI control standard IEC62386.
- DALI control input < 2mA, 5-100% logarithmic dimming range.



### Technical Specifications

<b>Model No.</b>	<b>HDL-CC-40</b>			
<b>Input Voltage Range</b>	90-130V&180-240V/AC			
<b>AC Frequency</b>	48-62Hz			
<b>Input current</b>	0.52Amax			
<b>Standby Power</b>	0.5Wmax			
<b>Output Mode</b>	Constant Current			
<b>Output Current</b>	700mA	900mA	1200mA	1500mA
<b>On Load Voltage</b>	29-57V	22-44V	17-33V	13-26V
<b>No Load Voltage</b>	65V	50V	40V	30V
<b>Output Power</b>	40W Max.			
<b>Power Factor</b>	>0.95			
<b>Efficiency</b>	>80%			
<b>Dimensions</b>	132*47*29(mm)			
<b>Weight</b>	138g			

### Environmental Specifications

<b>Operating Temperature</b>	-30~45°C
<b>Storage Temperature</b>	-40~+70°C
<b>Thermal Dissipation</b>	Nature
<b>Relative Humidity</b>	5~95%
<b>Isolation Voltage</b>	In/Out 3750VAC
<b>Vibration</b>	5-55Hz/2g, 30 Minutes
<b>Life Time</b>	50000Hours, at TC max

### Conformity & Standards

<b>EMI</b>	EN55022 EN55015 Class B
<b>Safety</b>	EN60598
<b>Electromagnetic Immunity</b>	EN61547, EN5024 EN61000-4-2/3/4/6/8/11
<b>Harmonic Current Emissions</b>	EN61000-3-2 EN61000-3-3

## Dimmable DALI LED Driver



### Product Features

- Selectable constant current and constant voltage output.  
(Custom on request)
- Full-isolated, delivering up to 40W of power.
- Short circuit, over current and over voltage protection.  
Up to 80% efficient.
- DALI control standard IEC62386.
- DALI control input < 2mA, 5-100% logarithmic dimming range.



### Technical Specifications

Model No.	HDL-CV-40	
Input Voltage Range	90-130V&180-240V/AC	
AC Frequency	48-62Hz	
Input current	0.52Amax	
Standby Power	0.5Wmax	
Output Mode	Constant Voltage	
Output Current	2700mA	1600mA
On Load Voltage	12V	24V
No Load Voltage	12V	24V
Output Power	40W Max.	
Power Factor	>0.95	
Efficiency	>80%	
Dimensions	132*47*29(mm)	
Weight	138g	

### Environmental Specifications

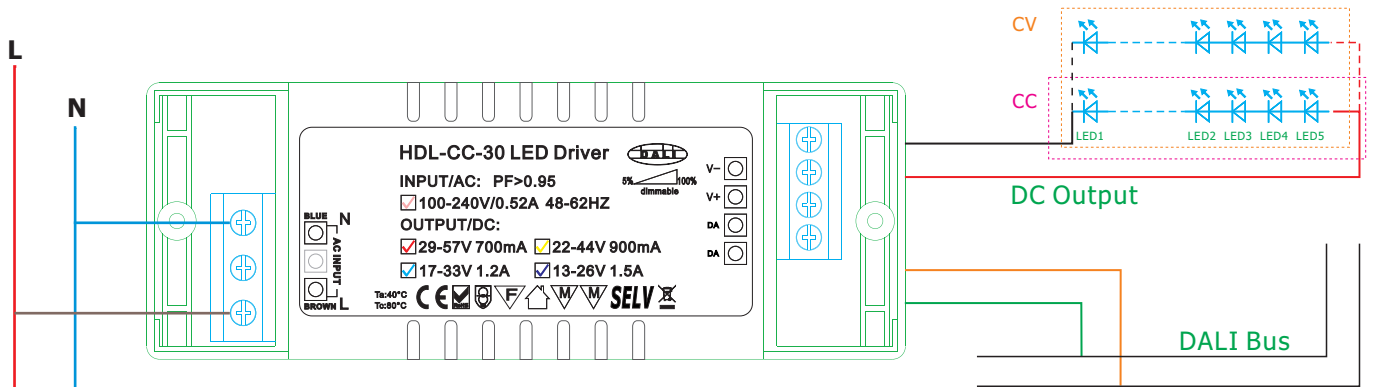
Operating Temperature	-30~45°C
Storage Temperature	-40~+70°C
Thermal Dissipation	Nature
Relative Humidity	5~95%
Isolation Voltage	In/Out 3000VAC
Vibration	5-55Hz/2g, 30 Minutes
Life Time	50000Hours, at TC max

### Conformity & Standards

EMI	EN55022 EN55015 Class B
Safety	EN60598
Electromagnetic Immunity	EN61547, EN5024 EN61000-4-2/3/4/6/8/11
Harmonic Current Emissions	EN61000-3-2 EN61000-3-3

# Installation Introduction

100-240V AC



## Dimensions Chart

