

HIGH POWER

Non- Isolated Dimmable Constant Current LED Driver

For Outdoor Lighting, Landscape Lighting, Horticulture Lighting, Commercial Lighting, Residential Lighting ...

DALI-2 | D4i | DMX512 | 0-10V Dimmable Constant Current LED Driver



SMT-NU Series (Input 120-277VAC)

SMT-NH Series (Input 180-528VAC)



DiiA member
DALI-2 Certificate



D4i
Certificate



1 - 100%
Full dimming range



1%
Dimming depth



95%
High efficiency



LOW THD
THD < 2-3%



NFC
Programmable



RDM function
Setting address



6/10KV
Surge protection



24V
Built-in Integrated
DALI BUS Power Supply



AUX
Built-in
Aux power supply



Light decay compensation



Temperature control



Timing



Life warning



SMALL volume

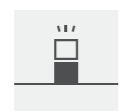
Perfect for LED fixtures



Grow lights



Mining Lamp



Garden light



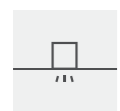
Street lights



Flood Light



Spotlights



Spotlights



Downlights

Wiring diagram

Diagram 1 DALI Master

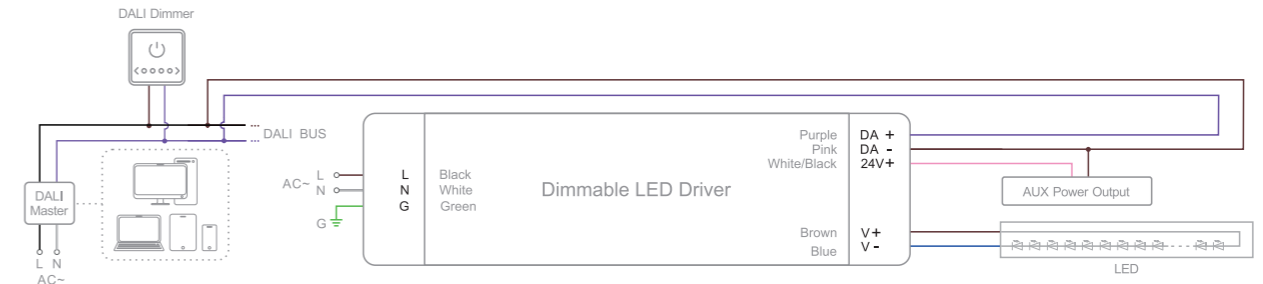


Diagram 2 DMX512

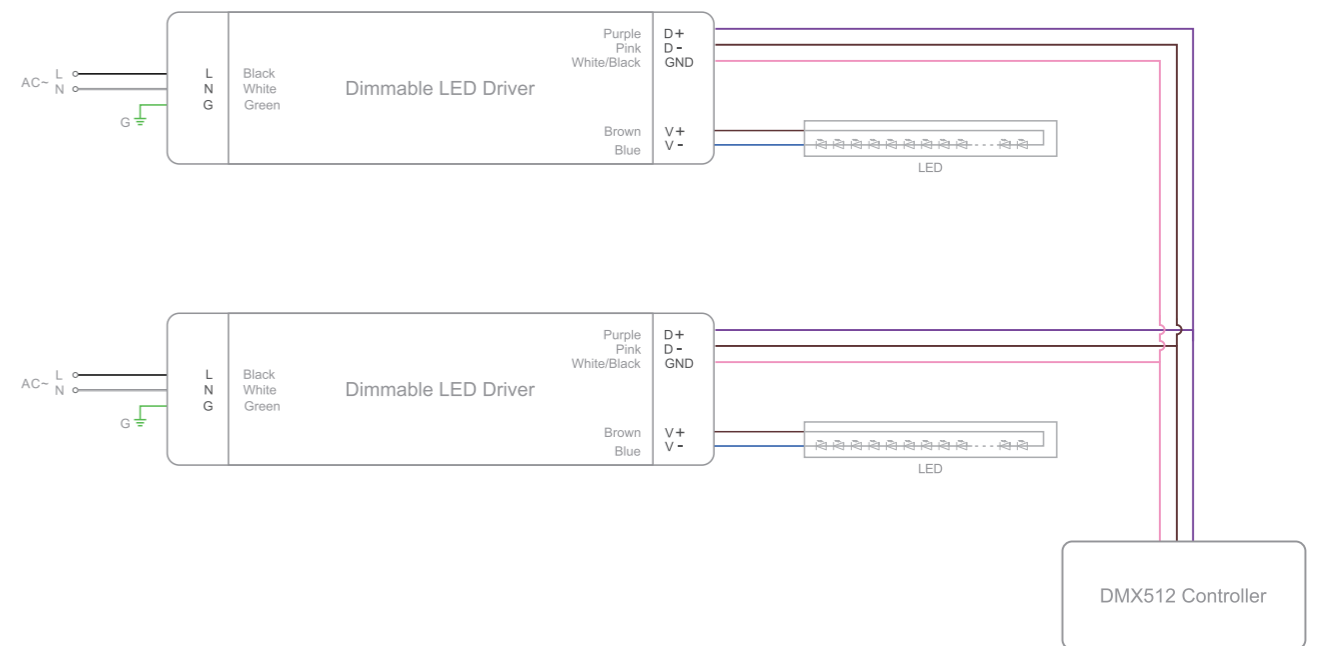
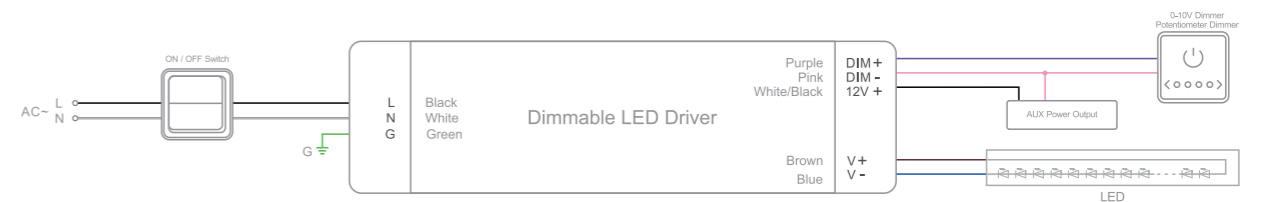


Diagram 3 0-10V



SMT-NU Series

120-277VAC Constant Current Dimmable LED Driver [Non - Isolated]

DALI-2 D4i | DMX512 | 0-10V | Dimming



SMT-NU Series

D4i Dimming	DMX512 Dimming	0-10V Dimming
SMT-NU-D4IA * series	SMT-NU-DMXA * series	SMT-NU-CDA * series

- The **SMT-NU series** is 60W-1200W constant current dimmable driver
- Input 120-277VAC
- Dimming depth 1%
- 95% High efficiency
- SMT-NU-D4IA series : With 24V/0.125A Built-in Auxiliary power
SMT-NU-CDA series : With 12V/0.3A Built-in Auxiliary power
- Ultra-high PF value and low THD
- Standby power consumption is less than 0.5W
- IP67 waterproof
- Shell professional design, good heat dissipation, greatly improve the reliability of the product, and extend the life of the product.
- ProNFC APP & Handheld device function:
 - 1.Setting address (DALI-2)
 - 2.Setting current (DALI-2 / DMX512 / 0-10V)
 - 3.Temperature control (Linear shell)
 - 4.Setting light decay compensation
 - 5.Timing
 - 6.Setting life warning

ProNFC APP Download



ProNFC App



Handheld device



For iPhone users



For Android users



DALI member
DALI-2 Certificate



6/10KV
Lightning protection



24V
Built-in Integrated
DALI BUS Power Supply



AUX
Built-in
Aux power supply



RDM function
Setting address



D4i
Certificate



Light decay
compensation



Timing



Life warning



NFC function
Setting address & current

SMT-NU060W033-D4IA-Y

- Power:** 60W / 100W / 150W / 200W / 240W / 320W / 400W / 500W / 680W / 800W / 1000W / 1200W
- Max. output current**
- D4I:** DALI-2 D4I
DMX: DMX512
CD: 0-10V
- A:** IP67 Waterproof aluminum driver
- Blank:** no AUX, Power, no Temp. Control
Y: Built-in Auxiliary power
T: Temperature control



IP67 Waterproof aluminum driver
60W-1200W
For Wet,dry and damp location

Power	Picture	Output	SMT-NU Series		
			D4i SMT-NU-D4IA Series	DMX512 SMT-NU-DMXA Series	0-10V SMT-NU-CDA Series
60W	 170*61.3*31.3mm	160-260V 33-330mA	SMT-NU060W033-D4IA-Y	SMT-NU060W033-DMXA	SMT-NU060W033-CDA
100W	 170*61.3*31.3mm	160-260V 56-560mA	SMT-NU100W056-D4IA-Y	SMT-NU100W056-DMXA	SMT-NU100W056-CDA
150W	 193*67.3*31.3mm	160-260V 83-830mA	SMT-NU150W083-D4IA-Y	SMT-NU150W083-DMXA	SMT-NU150W083-CDA
200W	 193*67.3*31.3mm	160-260V 110-1100mA	SMT-NU200W110-D4IA-Y	SMT-NU200W110-DMXA	SMT-NU200W110-CDA
240W	 217.6*67.3*31.3mm	160-260V 133-1330mA	SMT-NU240W133-D4IA-Y	SMT-NU240W133-DMXA	SMT-NU240W133-CDA
320W	 217.6*67.3*31.3mm	160-260V 178-1780mA	SMT-NU320W178-D4IA-Y	SMT-NU320W178-DMXA	SMT-NU320W178-CDA
400W	 253.6*78*42.5mm	160-260V 220-2200mA	SMT-NU400W220-D4IA-Y	SMT-NU400W220-DMXA	SMT-NU400W220-CDA
500W	 253.6*78*42.5mm	160-260V 278-2780mA	SMT-NU500W278-D4IA-Y	SMT-NU500W278-DMXA	SMT-NU500W278-CDA
680W	 279.4*89.5*44.5mm	160-260V 380-3800mA	SMT-NU680W380-D4IA-Y	SMT-NU680W380-DMXA	SMT-NU680W380-CDA
800W	 279.4*89.5*44.5mm	160-260V 440-4400mA	SMT-NU800W440-D4IA-Y	SMT-NU800W440-DMXA	SMT-NU800W440-CDA
1000W	 390.2*89.5*44.5mm	210-357V 400-4000mA	SMT-NU1K0W400-D4IA-Y	SMT-NU1K0W400-DMXA	SMT-NU1K0W400-CDA
1200W	 390.2*89.5*44.5mm	210-357V 480-4800mA	SMT-NU1K2W480-D4IA-Y	SMT-NU1K2W480-DMXA	SMT-NU1K2W480-CDA

SMT-NH Series

180-528VAC Constant Current Dimmable LED Driver [Non - Isolated]

DALI-2 D4i | DMX512 | 0-10V | Dimming



SMT-NH Series

D4i Dimming	DMX512 Dimming	0-10V Dimming
SMT-NH-D4IA * series	SMT-NH-DMXA * series	SMT-NH-CDA * series

- The **SMT-NH series** is constant current 1500W / 1800W dimmable driver
- Input 180-528VAC
- Dimming depth 1%
- 95% High efficiency
- SMT-NH-D4IA series: With 24V/0.125A Built-in Auxiliary power
SMT-NH-CDA series: With 12V/0.3A Built-in Auxiliary power
- Ultra-high PF value and low THD
- Standby power consumption is less than 0.5W
- IP67 waterproof
- Shell professional design, good heat dissipation, greatly improve the reliability of the product, and extend the life of the product.
- ProNFC APP & Handheld device function:
 - 1.Setting address (DALI-2)
 - 2.Setting current (DALI-2 / DMX512 / 0-10V)
 - 3.Setting light decay compensation
 - 4.Timing
 - 5.Setting life warning



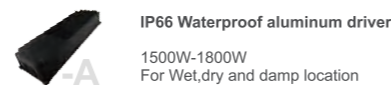
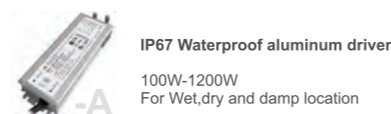
ProNFC APP Download



SMT-NH100W056-D4IA-Y

① ② ③ ④ ⑤

- Power:** 100W / 150W / 200W / 240W / 320W / 400W / 500W / 680W / 800W / 1000W / 1200W / 1500W / 1800W
- Max. output current**
- D4I:** DALI-2 D4I
DMX: DMX512
CD: 0-10V
- A:** IP67 Waterproof aluminum driver
- Blank:** no AUX. Power, no Temp. Control
Y: Built-in Auxiliary power
T: Temperature control



Power	Picture	Output	SMT-NH Series		
			D4i SMT-NH-D4IA Series	DMX512 SMT-NH-DMXA Series	0-10V SMT-NH-CDA Series
100W	182*67.3*31.3mm	160-260V 56-560mA	SMT-NH100W056-D4IA-Y	SMT-NH100W056-DMXA	SMT-NH100W056-CDA
150W	210*67.3*31.3mm	160-260V 83-830mA	SMT-NH150W083-D4IA-Y	SMT-NH150W083-DMXA	SMT-NH150W083-CDA
200W	210*67.3*31.3mm	160-260V 110-1100mA	SMT-NH200W110-D4IA-Y	SMT-NH200W110-DMXA	SMT-NH200W110-CDA
240W	232.6*67.3*31.3mm	160-260V 133-1330mA	SMT-NH240W133-D4IA-Y	SMT-NH240W133-DMXA	SMT-NH240W133-CDA
320W	232.6*67.3*31.3mm	160-260V 178-1780mA	SMT-NH320W178-D4IA-Y	SMT-NH320W178-DMXA	SMT-NH320W178-CDA
400W	253.6*78*42.5mm	186-500V 140-1400mA	SMT-NH400W140-D4IA-Y	SMT-NH400W140-DMXA	SMT-NH400W140-CDA
500W	253.6*78*42.5mm	186-500V 175-1750mA	SMT-NH500W175-D4IA-Y	SMT-NH500W175-DMXA	SMT-NH500W175-CDA
600W	278.6*78*42.5mm	186-500V 210-2100mA	SMT-NH600W210-D4IA-Y	SMT-NH600W210-DMXA	SMT-NH600W210-CDA
720W	279.4*89.5*44.5mm	186-500V 252-2520mA	SMT-NH720W252-D4IA-Y	SMT-NH720W252-DMXA	SMT-NH720W252-CDA
800W		186-500V 270-2700mA (279.4*89.5*44.5mm) 186-500V 280-2800mA (302.4*89.5*44.5)	SMT-NH800W270-D4IA-Y	SMT-NH800W270-DMXA	SMT-NH800W270-CDA
1000W	390.2*89.5*44.5mm	186-500V 350-3500mA	SMT-NH1K0W350-D4IA-Y	SMT-NH1K0W350-DMXA	SMT-NH1K0W350-CDA
1200W	390.2*89.5*44.5mm	186-500V 420-4200mA	SMT-NH1K2W420-D4IA-Y	SMT-NH1K2W420-DMXA	SMT-NH1K2W420-CDA
1500W	500*150*82mm	176-500VDC (1000-1800mA)*3	SMT-NH1K5W180-D4IA-Y	SMT-NH1K5W180-DMXA	SMT-NH1K5W180-CDA
1800W	500*150*82mm	176-500VDC (1200-2100mA)*3	SMT-NH1K8W210-D4IA-Y	SMT-NH1K8W210-DMXA	SMT-NH1K8W210-CDA