

tapTronic

LEDVANCE NFC LED Drivers

NFC Programmable Constant Current 2-Channel LED Drivers
Linear Type 120-347V models

Application

Field-Programmable, Near-Field Communication (NFC) LED Drivers. Within the industry's familiar Linear housing type, we introduce the 2-Channel models. Our free programming software app can be downloaded (iOS or Android) in seconds on any smartphone. The programming is easy and simple to follow within any selectable four languages.



Benefits and Features

- The two-channel outputs are independent of each other without interference
- Field-programmable via free app
- Programming does not require the driver to be powered up
- Quick and easy output customization:
 - Current (mA) per each Independent Channel
 - Dim-to-off / Dim %
 - Constant lumen output
 - Aux Voltage
 - Soft start
 - End of life
 - Thermal protection
- Linear models: 120-347V
- Large programmable range from each driver, ideal when consolidating your on-hand inventory from in-house or in a service truck

Warranty

- 5-year
- NLB Trusted Warranty Program

Certifications and Listings

- Compliant to 47 CFR, Part 15 Class A
- cUL class P
- UL Class 2 output for safety
- RoHs
- FCC
- Compliant with CA T-24 requirement for flicker and startup time



ECS315 3-25

Download tapTronic
Software App



Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

LEDrv	XX	UNH	2CH	DIM	AUX	NFC
LEDVANCE Driver tapTronic	Output Wattage 55 = 55w 85 = 85w	Input Voltage UNH = 120-347V	Type 2CH = 2 Independent Channels	0-10V Dimming DIM = 1-100% Dimming	Auxiliary Output AUX = Selectable between 12,20 or 24V	NFC = Near-Field Communication Programmable

Ordering Information

Item #	Ordering Abbreviation	Total Driver Output (W)	Output Current Range	Default Current	Output Voltage Range	Dimming Control	Dimming Range	Aux	Line Transient
75891	LEDrv55UNH2CHDIMAUxNFC	55	140-1400mA	140mA	8-55	0-10V	1-100%	12, 20, 24V	ANSI C62.41 Cat. A 2.5kV
75892	LEDrv85UNH2CHDIMAUxNFC	85	230-2300mA	230mA	8-55	0-10V	1-100%	12, 20, 24V	ANSI C62.41 Cat. B 6kV

Electrical Specifications

Item #	Ordering Abbreviation	Max Output Power (W)	Input Voltage	Frequency	Power Factor	THD	Efficiency	Environmental Rating	UL File#
75891	LEDrv55UNH2CHDIMAUxNFC	55	120-347V	50/60Hz	>0.9	<20%	>87%	Dry & Damp (IP20)	E495305
75892	LEDrv85UNH2CHDIMAUxNFC	85	120-347V	50/60Hz	>0.9	<20%	>87%	Dry & Damp (IP20)	E495305

Operating Temperatures

Parameter	2Ch Models
Maximum Case Temperature (Tc point)	90°C Max (50kHrs)
Maximum Case Temperature for 5 year life and warranty	≤80°C
Ambient Operating Temperature	-30°C to 50°C
Maximum Storage Temperature	85°C
Maximum Relative Humidity	90% non-condensing

Dimmer Compatibility

Dimmer	Dimmer Type	Model
Leviton	0-10V	DS710
Leviton	0-10V	IP710
Lutron	0-10V	NTSTV-DV
Lutron	0-10V	NFTV
Lutron	0-10V	DVTV-WH
Legrand	0-10V	H4FBL3PW

NFC LED Driver Support

Software for configuration	tapTronic
Programming Tool	via Smartphone APP
Interface for data transfer	Near-Field Communication (NFC)

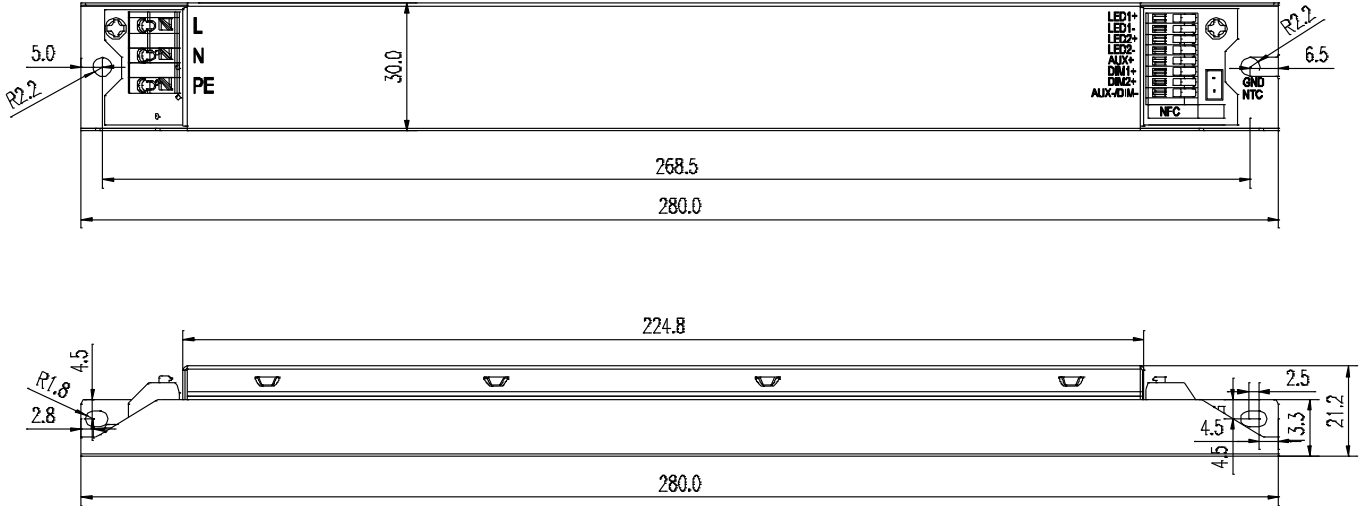
LED Thermal Protection (NTC)

NTC Value Active Range	≤25kΩ
Temp. Derating Start	User defined

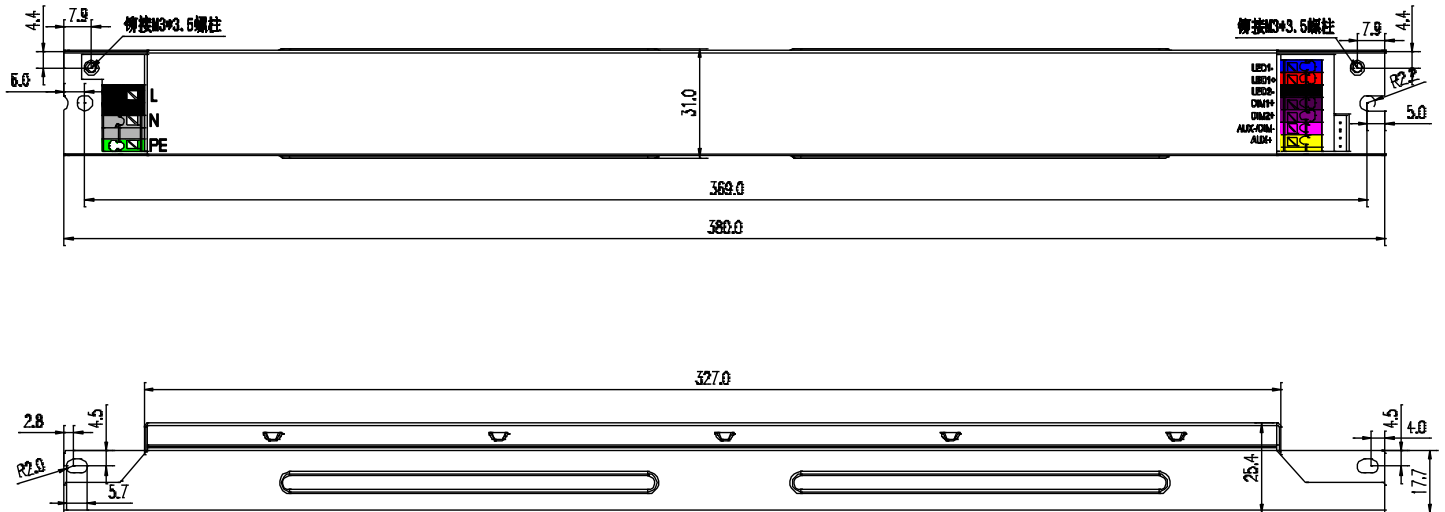
Physical Information

Description		L (in)	W (in)	H (in)	Weight (g)	Layer	Pallet	Pallet
2-Ch 120-347V	55W	11.81	7.68	6.69	0.35	400	20/CS 1/SKU	2800
	85W	15.75	7.67	7.48	0.52	300	20/CS 1/SKU	1800

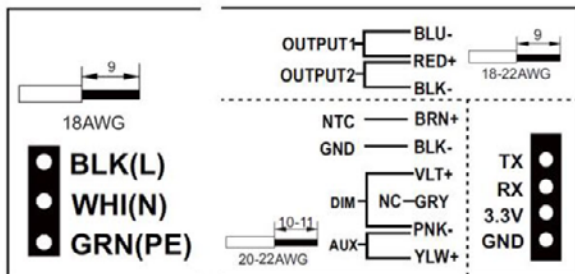
55W



85W



Wiring Diagrams



Dimensions in inches

Further Details — Default Settings

NAED	Description	Factory Default Setting							
		Current (mA)	Dim %	Dim to Off	Soft Start	End of Life	Constant Lumen	Thermal Protection	AUX
Linear									
75891	LEDrv55UNH2CHDIMAUYNFC	2X 140mA	enable 1%	disabled	disabled	disabled	disabled	disabled	12V
75892	LEDrv85UNH2CHDIMAUYNFC	2X 230mA	enable 1%	disabled	disabled	disabled	disabled	disabled	12V

Application Information

1. APP is multi-lingual: English/French/Spanish/Portuguese
2. Drivers are Class P, however we recommend checking the Luminaire UL listing to make sure you stay in compliance when replacing its driver
3. Always power off the driver before making any changes in programming via APP
4. NTC must be connected if LED Thermal Protection feature is used

Installation Guides

Click or Scan QR Code:



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