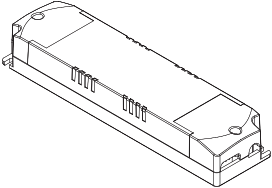




USER MANUAL



DALI DRIVER (LED Luminaire)

MODEL NO.: ILS15DLIDD6W01

Please read this user guide carefully before installation and keep for future reference

PRODUCT SPECIFICATION

Output	LED Channel	1
	DC Voltage	6-42V, Max. 50V
Current	Current	100-700mA via NFC tool; Min. current gear lower to 0.1mA, default 350mA
	Current Accuracy	+3% ±1% Certain full load @ full load
Related Power	Max. 15W	
	Voltage Range	220-240VAC/220-240VDC
Absolute Voltage Range	196-264VAC/196-264VDC	
	Frequency Range	0.5/60Hz
Power Factor (Typ.)	> 0.96 @ 230VAC Full load*	
	Total Harmonic Distortion	THD < 12% @ full load / 230VAC*
Efficiency (Typ.)	> 77% @ 230VAC full load*	
	AC Current (Typ.)	0.1A Max.
Inrush Current (Typ.)	Max. 3.96A @ 230VAC, 90µs duration	
	Leakage Current	< 5mA / 230VAC
Standby Power Consumption	< 0.5W	
	Anti Surge	L-N 2kV
Dimming Interface	DALI Device Type 6 (DALI consumption < 2mA) / AC Push	
	Dimming Range	0.01%-100% @ Max current
Dimming Method	Amplitude/CCR dimming	
	Dimming Curve	Linear/ Logarithmic optional
Short Circuit	Yes, remove the fault conditions and re-power the device.	
	Over Current	Yes, remove the fault conditions and re-power the device.
Over Temperature	Yes, remove the fault conditions and retransmit the device.	
	Working Temp.	-25°C ~ +45°C
Max. Case Temp.	Tc ~ 65°C	
	Working Humidity	10% ~ 95% RH non-condensing
Storage Temp. & Humidity	-40°C ~ +80°C, 10% ~ 95% RH	
	Safety Standards	EN61347, EN61347-2-13, GB/T 19510.1-2023, GB/T 19510.213-2023
Withstand Voltage	IP-O/P: 3.75KVAC	
	Isolation Resistance	IP-O/P: 100M Ohms / 500VDC / 25°C / 70% RH
EMC Emission	EN55015, EN61000-3-2, EN61000-3-3, GB 17625.1-2022, GB/T 17743-2021	
	EMC Immunity	EN61347, EN61000-4-2, 4.3, 4.5, 6.8.11
MTBF	191350H, MIL-HDBK-217F @ 230VAC full load and 25°C ambient temperature	
	Dimension	135x35x20mm (L*W*H)
Warranty	5 Years	

Operation – NFC Programming Guide

Ensure your phone or tablet has NFC enabled. Align the NFC position with the device, and do not power on the device before NFC programming.

Step 1: Download App

Search for "SR NFC Tool" on the App Store or Google Play, then install and open it.

Note:

*Ensure NFC is enabled on your device.

*Make sure the NFC position is properly aligned.

Step 2: Add Device

Tap "+" to add a device, select "Copy from a device", scan the NFC driver, and assign a name as desired.

Step 3: Unlock Device

Tap "Unlock" to access configuration parameters.

Note: You must unlock the device first. The function interface will only appear after selecting the corresponding function.

Step 4: Configure Parameters

Set the required parameters such as:

- Target current
- Dimming curve
- Power-on state
- On/Off transition time
- Enable pairing
- Minimum current compensation
- External switch type
- External switch pairing
- Power-on level
- CLO or Corridor DIM function

Then tap "Save" after each setting.

Step 5: Write Configuration

After completing all settings, write the configuration via NFC, then power on the device to apply the settings.

Note: NFC configuration does not require power supply. The driver supports multiple programmable functions.

For best performance, use our DALI master or DALI IoT gateway.



طريقة التشغيل - دليل البرمجة عبر NFC

تأكد من أن الهاتف أو الجهاز اللوحي يدعم خاصية NFC ومفعل. قم بمحاذاة موضع NFC مع الجهاز، ولا تقم بتشغيل الجهاز قبل إتمام البرمجة.

الخطوة 1: تحميل التطبيق

ابحث عن تطبيق SR NFC Tool على App Store أو Google Play، ثم قم بتنزيله وتثبيته.

ملاحظة:

• تأكد من تفعيل خاصية NFC

• تأكد من محاذاة موضع NFC بشكل صحيح

الخطوة 2: إضافة جهاز

انقر على "+" لإضافة جهاز. ثم اختر "Copy from a device"، وقم بمسح المحول عبر NFC، ثم قم بتعيينه حسب الرغبة.

الخطوة 3: فتح الجهاز

انقر على "Unlock" لتتوصل إلى إعدادات الجهاز.

ملاحظة:

يجب فتح الجهاز أولاً، ولن تظهر خيارات التوافق إلا بعد اختيارها.

الخطوة 4: ضبط الإعدادات

قم بضبط الإعدادات المطلوبة مثل:

• التيار المستهدف

• نوع المنحنى اللوني

• حالة التشغيل عند التوصيل

• زمن الانتقال لتشغيل/إيقاف

• مستوى الإضاءة عند التشغيل

• تفعيل الفترن

• تم إعداد "Save" بعد كل اختيار.

الخطوة 5: حفظ الإعدادات

بعد الانتهاء من جميع الإعدادات، قم بحفظها عبر NFC. ثم قم بتشغيل الجهاز لتطبيق الإعدادات.

ملاحظة:

تتطلب خاصية NFC توصيل الكوربا، أثناء البرمجة، يدعم الجهاز عدة إعدادات وأفضل أداء يُفضل استخدام DALI Master أو بوابة DALI IoT.

الخطوة 6: فتح الجهاز

انقر على "Unlock" لتتوصل إلى إعدادات الجهاز.

الخطوة 7: ضبط الإعدادات

قم بضبط الإعدادات المطلوبة مثل:

• التيار المستهدف

• نوع المنحنى اللوني

• حالة التشغيل عند التوصيل

• زمن الانتقال لتشغيل/إيقاف

• مستوى الإضاءة عند التشغيل

• تفعيل الفترن

• تم إعداد "Save" بعد كل اختيار.

الخطوة 8: حفظ الإعدادات

بعد الانتهاء من جميع الإعدادات، قم بحفظها عبر NFC. ثم قم بتشغيل الجهاز لتطبيق الإعدادات.

مواصفات المنتج

Output	LED Channel	1
	DC Voltage	6-42V, Max. 50V
Current	Current	100-700mA via NFC tool; Min. current gear lower to 0.1mA, default 350mA
	Current Accuracy	+3% ±1% Certain full load @ full load
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MTBF	191350H, MIL-HDBK-217F @ 230VAC full load and 25°C ambient temperature	
	Dimension	135x35x20mm (L*W*H)
Warranty	5 Years	

Additional Remarks

1. Ensure the APP version is 10.0.1 or later

2. Ensure the driver firmware supports CLO/CD function

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