

# SRPL-2309N-60CCT900-1700 **60W DALI2 DT8 NFC DIMMABLE LED DRIVER CC**































In Übereinstimmung mit IEC 62386-101:2014, IEC 62386-102:2014, IEC 62386-207 Ed2, IEC 62386-209

Eingebaute DALI-2 Schnittstelle, DALI DT8 Gerät

Dimmbarer 2 Kanal LED-Treiber.

Tunable white

Max. Ausgangsleistung 60W

900-1700mA Strom wählbar über NFC Programm Tool, default 1500mA

DALI Adress-/Gruppen-/Szeneneinstellung über NFC-Programmtool.

Klasse 2-Netzteil, vollisoliertes Gehäuse

Hoher Leistungsfaktor und Wirkungsgrad

Zum Schalten und Dimmen von LED-Leuchtmitteln

Amplituden-/CCR-Dimmen, sanftes und tiefes Dimmen

Kompatibel mit universellen DALI-Mastern, die DT8-

Befehle unterstützen

Funktion zur Fehlermeldung

5 Jahre Garantie

Schutzart IP20

In compliance with IEC 62386-101:2014, IEC 62386-102:2014, IEC 62386-207 Ed2, IEC 62386-209

Built-in DALI-2 interface, DALI DT8 device

Dimmable 2-channel LED driver.

Tunable white

Max. output power 60W

900-1700mA current selectable via NFC program tool.

Min.current gear lower to 0.1mA

DALI Address/Group/Scene setting via NFC program tool.

Class 2 power supply, full isolated case

For switching and dimming LED lamps

High power factor and efficiency

Amplitude/CCR dimming, smooth and deep dimming

Compatible with universal DALI masters that support DT8

commands

Error report function

Protection class IP20

5-year warranty



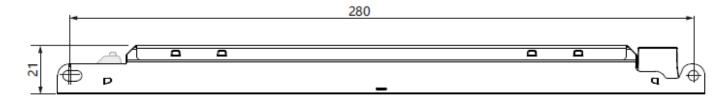
# Technische Daten / Technical Data

Frequency range		Voltage Range	220-240VAC/ 176-280VDC
Total harmonic distortion		Frequency range	50~60Hz
Efficiency (Typ.) >87% @ 230VAC full load  Standby Power consumption <0.5W  Inrush Current (typ) Max. 25.9A at 230VAC; 148µs duration  Leakage Current		Power Factor (Typ.)	> 0.98 @ 230VAC Full load
Standby Power consumption     Standby Power consumption		Total harmonic distortion	THD ≤5% (@full load /230VAC)
Inrush Current (typ)  Leakage Current Input Current Input Current O.4A @ 230VAC Input Current O.4A @ 230VAC  LED Channel Rated Power Amax. 60W  Current Range DC Voltage Range DC Voltage Range Over Temperature Yes, recovers automatically after fault condition is removed Short Circuit Yes, recovers automatically after fault condition is removed Short Circuit Yes, recovers automatically after fault condition is removed Dimming Range Dimming Interface Dimming Range Dimming Rethode Amplitude/CCR Working Temperature Amax. Case Temperature Working Temperature Amax. Case Temperature Working Humidity 10%-95% RH non-condensing Storage Temperature Storage Humidity 10%-95% RH PR Rating P20  Safety Standards DALI Standards DALI Standards DALI DR. AC PUSH Dimming Methode Amplitude/CCR Max. Case Temperature 40°C - +80°C Storage Humidity 10%-95% RH non-condensing Storage Temperature Au°C - +80°C Storage Humidity 10%-95% RH P20  Safety Standards DALI Standards ENEC EN61347-1, EN61347-2-13 approved DALI Standards DALI Standards DALI Standards ENEC EN61347-1, EN61347-2-13 approved DALI Standards DALI Standards DALI Standards DALI Standards ENEC EN61347-1, EN61347-2-13 approved DALI Standards DALI Standards DALI Standards DALI Standards DALI Standards DALI Standards ENEC EN61347-1, EN61347-2-13 approved DALI Standards DALI S	INPUT	Efficiency (Typ.)	>87% @ 230VAC full load
Leakage Current		Standby Power consumption	<0.5W
Input Current  LED Channel Rated Power  Max. 60W  Current Range DC Voltage Range 10-54VDC Current Tolerance 4/-3%  Over Temperature Ves, recovers automatically after fault condition is removed Short Circuit Yes, recovers automatically after fault condition is removed  Dimming Interface Dimming Range Dimming Range Dimming Gurve Dimming Methode Amplitude/CCR  Working Temperature  Working Temperature  Working Temperature  Working Humidity 10%-95% RH non-condensing Storage Temperature 40°C + 80°C Storage Humidity 10%-95% RH IP Rating IP 20  Safety Standards DALI Standards EEG 52386-102, IEC 62386-207, IEC 62386-209 Withstand Voltage IMP-O/P: 100Mohm / 500VDC / 25°C / 70%RH EMC Emission EMC Immunity ENG1547, EN61000-3-2, EN61000-3-3 EMC Immunity EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV MTBF 191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta  OTHERS  Dimension  10-44DC Max. 60W Aix. 60W Ai		Inrush Current (typ)	Max. 25.9A at 230VAC; 148μs duration
LED Channel   Rated Power   Max. 60W		Leakage Current	< 5mA /230VAC
Rated Power Max. 60W  Current Range 900-1700mA via NFC tool; Min.current gear lower to 0.1mA, default 1500mA DC Voltage Range 10-54VDC Current Tolerance +/-3%  Over Temperature Yes, recovers automatically after temperature drop Over Current Short Circuit Yes, recovers automatically after fault condition is removed Short Circuit Yes, recovers automatically after fault condition is removed Dimming Interface DALI DT8, AC PUSH Dimming Range 0.01%-100%@ Max current Dimming curve Linear/ Logarithmic optional Dimming Methode Amplitude/CCR  Working Temperature 90°C Working Humidity 10%-95% RH non-condensing Storage Temperature -40°C - +80°C Storage Humidity 10% -95% RH   P Rating   P20  SAFETY & EME  SAFETY & EME  SAFETY & EME  SAFETY & EME  EMC Emission ENS5015, EN61000-3-2, EN61000-3-3  EMC Immunity EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV  MTBF 19.135K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta		Input Current	0.4A @ 230VAC
OUTPUT  Current Range DC Voltage Range 10-54VDC Current Tolerance 4/-3% Over Temperature Ves, recovers automatically after temperature drop Over Current Short Circuit Ves, recovers automatically after fault condition is removed Short Circuit Ves, recovers automatically after fault condition is removed  Short Circuit Ves, recovers automatically after fault condition is removed  Dimming Interface Dimming Range 0.01%-100%@ Max current Dimming Gurve Dimming Methode Amplitude/CCR  Working Temperature Dimming Methode Amplitude/CCR  Working Temperature 90°C Working Humidity 10%-95% RH non-condensing Storage Temperature 40°C - +80°C Storage Humidity 10%-95% RH IP Rating IP20  Safety Standards ENEC EN61347-1, EN61347-2-13 approved DALI Standards IEC 62386-101, IEC 62386-102, IEC 62386-207, IEC 62386-209 Withstand Voltage I/P-0/P: 3.75KVAC Isolation Resistance I/P-0/P: 100MOhm / 500VDC / 25°C / 70%RH EMC Emission EN55015, EN61000-3-2, EN61000-3-3 EMC Immunity EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV MTBF 191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta		LED Channel	2
DC Voltage Range Current Tolerance Ves, recovers automatically after temperature drop Over Current Short Circuit Ves, recovers automatically after fault condition is removed Short Circuit Ves, recovers automatically after fault condition is removed Dimming Interface Dall DTB, AC PUSH Dimming Range Dimming Range Dimming Gurve Dimming Methode Dimming Methode Amplitude/CCR Working Temperature Ves' C- +60°C Working Humidity Dimming Case Temperature Ves' Renon-condensing Storage Temperature Ves' Renon-condensing Storage Humidity Dimming Interface Storage Humidity Dimming Curve Dimming Curve Storage Humidity Dimming Methode Amplitude/CCR Working Humidity Dimming Methode Storage Temperature Ves' C- +80°C Storage Humidity Dimming Interface Storage Humidity Dimming Curve Vorking Humidity Dimming Lipco Storage Temperature Ves' C- +80°C Vorking Humidity Dimming Lipco Storage Humidity Dimming Lipco Ves' C- +80°C Storage Temperature Ves' C- +80°C Storage Temperature Dimming Lipco Ves' C- +80°C Storage Temperature D		Rated Power	Max. 60W
Current Tolerance +/-3%  Over Temperature Yes, recovers automatically after temperature drop  Over Current Yes, recovers automatically after fault condition is removed  Short Circuit Yes, recovers automatically after fault condition is removed  Dimming Interface DALI DT8, AC PUSH  Dimming Range 0.01%-100%@ Max current  Dimming Gurve Linear/ Logarithmic optional  Dimming Methode Amplitude/CCR  Working Temperature -25°C - + 60°C  Max. Case Temperature 90°C  Working Humidity 10%-95% RH non-condensing  Storage Temperature -40°C - +80°C  Storage Humidity 10% - 95% RH  IP Rating IP20  Safety Standards ENEC EN61347-1, EN61347-2-13 approved  DALI Standards IEC 62386-101, IEC 62386-102, IEC 62386-207, IEC 62386-209  Withstand Voltage I/P-O/P: 3.75KVAC  Isolation Resistance I/P-O/P: 100MOhm / 500VDC / 25°C / 70%RH  EMC Emission EN55015, EN61000-3-2, EN61000-3-3  EMC Immunity EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV  MTBF 191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta  OTHERS  Dimension 280 x 21mm (L*W*H)	OUTPUT	Current Range	900-1700mA via NFC tool; Min.current gear lower to 0.1mA, default 1500mA
PROTECTION  Over Temperature  Over Current  Yes, recovers automatically after temperature drop  Over Current  Yes, recovers automatically after fault condition is removed  Short Circuit  Yes, recovers automatically after fault condition is removed  Dimming Interface  DALI DT8, AC PUSH  Dimming Range  D.0.01%-100%@ Max current  Linear/ Logarithmic optional  Dimming Methode  Amplitude/CCR  Working Temperature  Porc Working Humidity  Storage Temperature  Au°C - +80°C  Storage Humidity  IP Rating  IP20  Safety Standards  DALI Standards  ENEC EN61347-1, EN61347-2-13 approved  DALI Standards  DALI Standards  DALI Standards  DALI Standards  IEC 62386-101, IEC 62386-102, IEC 62386-207, IEC 62386-209  Withstand Voltage  I/P-O/P: 3.75KVAC  Isolation Resistance  I/P-O/P: 100Mohm / 500VDC / 25°C / 70%RH  EMC Emission  ENS5015, EN61000-3-2, EN61000-3-3  EMC Immunity  EN61547, EN61300-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV  MTBF  Dimension  Dimension  Dimension  Ves, recovers automatically after fault condition is removed  DALI Ondition is removed  Penoved  Yes, recovers automatically after fault condition is removed  DALI Ondition is removed  Penoved  Automatically after fault condition is removed  DALI Ondition is removed  DALI Date of Condition  In Emoved  DALI Date fault condition is removed  Amplitude/CCR  Davide fault condition is removed  Amplitude/CCR  DALI Date fault condition is removed  Dali Date fault condition is removed  Dali Condition  Date fault condition  Date		DC Voltage Range	10-54VDC
PROTECTION Over Current Short Circuit Yes, recovers automatically after fault condition is removed Short Circuit Yes, recovers automatically after fault condition is removed Dimming Interface DALI DT8, AC PUSH Dimming Range D.0.1%-100%@ Max current Dimming curve Linear/ Logarithmic optional Dimming Methode Amplitude/CCR Working Temperature -25°C - + 60°C Max. Case Temperature Working Humidity 10%-95% RH non-condensing Storage Temperature -40°C - +80°C Storage Humidity 10% - 95% RH IP Rating IP20  Safety Standards ENEC EN61347-1, EN61347-2-13 approved DALI Standards IEC 62386-101, IEC 62386-102, IEC 62386-207, IEC 62386-209 Withstand Voltage Isolation Resistance I/P-O/P: 3.75KVAC EMC Emission ENS5015, EN61000-3-2, EN61000-3-3 EMC Immunity EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV MTBF 191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta  OTHERS Dimension  280x 30 x 21mm (L*W*H)			
Short Circuit Yes, recovers automatically after fault condition is removed  Dimming Interface DALI DT8, AC PUSH  Dimming Range 0.01%-100%@ Max current  Dimming curve Linear/ Logarithmic optional  Dimming Methode Amplitude/CCR  Working Temperature -25°C - + 60°C  Max. Case Temperature 90°C  Working Humidity 10%-95% RH non-condensing  Storage Temperature -40°C - +80°C  Storage Humidity 10% - 95% RH  IP Rating IP20  Safety Standards ENEC EN61347-1, EN61347-2-13 approved  DALI Standards IEC 62386-101, IEC 62386-102, IEC 62386-207, IEC 62386-209  Withstand Voltage I/P-O/P: 3.75KVAC  Isolation Resistance I/P-O/P: 100MOhm / 500VDC / 25°C / 70%RH  EMC Emission EN55015, EN61000-3-2, EN61000-3-3  EMC Immunity EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV  MTBF 191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta  Dimension 280x 30 x 21mm (L*W*H)		Over Temperature	Yes, recovers automatically after temperature drop
CONTROL  Dimming Interface Dimming Range Dimming Gurve Dimming Methode Dimming Methode Amplitude/CCR  Working Temperature Max. Case Temperature Vorking Humidity Storage Temperature Dimension  SAFETY & EMC  Mithian Avoltage Isolation Resistance EMC Immunity EMC Immunity  Dimming Methode Amplitude/CCR  Working Temperature -25°C - + 60°C Max. Case Temperature 90°C Working Humidity 10%-95% RH non-condensing Storage Temperature -40°C - +80°C Storage Humidity 10% - 95% RH IP Rating IP20 Safety Standards ENEC EN61347-1, EN61347-2-13 approved DALI Standards IEC 62386-101, IEC 62386-102, IEC 62386-207, IEC 62386-209 Withstand Voltage IyP-0/P: 3.75KVAC Isolation Resistance I/P-0/P: 100MOhm / 500VDC / 25°C / 70%RH EMC Emission EN55015, EN61000-3-2, EN61000-3-3 EMC Immunity EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV MTBF 191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta Dimension 280x 30 x 21mm (L*W*H)	PROTECTION	Over Current	Yes, recovers automatically after fault condition is removed
CONTROL         Dimming Range         0.01%-100%@ Max current           Dimming curve         Linear/ Logarithmic optional           Dimming Methode         Amplitude/CCR           Working Temperature         -25°C - + 60°C           Max. Case Temperature         90°C           Morking Humidity         10%-95% RH non-condensing           Storage Temperature         -40°C - +80°C           Storage Humidity         10% - 95% RH           IP Rating         IP20           Safety Standards         ENEC EN61347-1, EN61347-2-13 approved           DALI Standards         IEC 62386-101, IEC 62386-102, IEC 62386-207, IEC 62386-209           Withstand Voltage         I/P-O/P: 3.75KVAC           Isolation Resistance         I/P-O/P: 100MOhm / 500VDC / 25°C / 70%RH           EMC Emission         EN55015, EN61000-3-2, EN61000-3-3           EMC Immunity         EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV           MTBF         191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta           Dimension         280x 30 x 21mm (L*W*H)		Short Circuit	Yes, recovers automatically after fault condition is removed
Dimming curve Linear/ Logarithmic optional  Dimming Methode Amplitude/CCR  Working Temperature -25°C - + 60°C  Max. Case Temperature 90°C  Working Humidity 10%-95% RH non-condensing  Storage Temperature -40°C - +80°C  Storage Humidity 10% - 95% RH  IP Rating IP20  Safety Standards ENEC EN61347-1, EN61347-2-13 approved  DALI Standards IEC 62386-101, IEC 62386-102, IEC 62386-207, IEC 62386-209  Withstand Voltage I/P-O/P: 3.75KVAC  Isolation Resistance I/P-O/P: 100MOhm / 500VDC / 25°C / 70%RH  EMC Emission EN55015, EN61000-3-2, EN61000-3-3  EMC Immunity EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV  MTBF 191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta  Dimension 280x 30 x 21mm (L*W*H)		Dimming Interface	DALI DT8, AC PUSH
Dimming curve Dimming Methode Amplitude/CCR  Working Temperature -25°C - + 60°C  Max. Case Temperature 90°C  Working Humidity 10%-95% RH non-condensing  Storage Temperature -40°C - +80°C  Storage Humidity 10% - 95% RH  IP Rating IP20  Safety Standards ENEC EN61347-1, EN61347-2-13 approved DALI Standards IEC 62386-101, IEC 62386-102, IEC 62386-207, IEC 62386-209  Withstand Voltage I/P-O/P: 3.75KVAC  Isolation Resistance I/P-O/P: 100MOhm / 500VDC / 25°C / 70%RH EMC Emission EN55015, EN61000-3-2, EN61000-3-3  EMC Immunity EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV  MTBF 191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta  Dimension 280x 30 x 21mm (L*W*H)	CONTROL	Dimming Range	0.01%-100%@ Max current
## Working Temperature	CONTROL	Dimming curve	Linear/ Logarithmic optional
## BNVIRONMENT    Max. Case Temperature		Dimming Methode	Amplitude/CCR
## ENVIRONMENT   10%-95% RH non-condensing		Working Temperature	-25°C - + 60°C
Storage Temperature		Max. Case Temperature	90°C
Storage Temperature	ENIVIDONINAENIT	Working Humidity	10%-95% RH non-condensing
IP Rating	ENVIRONMENT	Storage Temperature	-40°C - +80°C
Safety Standards		Storage Humidity	10% - 95% RH
DALI Standards         IEC 62386-101, IEC 62386-207, IEC 62386-209           Withstand Voltage         I/P-O/P: 3.75KVAC           Isolation Resistance         I/P-O/P: 100MOhm / 500VDC / 25°C / 70%RH           EMC Emission         EN55015, EN61000-3-2, EN61000-3-3           EMC Immunity         EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV           MTBF         191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta           OTHERS         Dimension         280x 30 x 21mm (L*W*H)		IP Rating	IP20
SAFETY & EMC         Withstand Voltage         I/P-O/P: 3.75KVAC           Isolation Resistance         I/P-O/P: 100MOhm / 500VDC / 25°C / 70%RH           EMC Emission         EN55015, EN61000-3-2, EN61000-3-3           EMC Immunity         EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV           MTBF         191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta           Dimension         280x 30 x 21mm (L*W*H)	SAFETY & EMC	Safety Standards	ENEC EN61347-1, EN61347-2-13 approved
SAFETY & EMC   Isolation Resistance   I/P-O/P: 100MOhm / 500VDC / 25°C / 70%RH		DALI Standards	IEC 62386-101, IEC 62386-102, IEC 62386-207, IEC 62386-209
Isolation Resistance		Withstand Voltage	I/P-O/P: 3.75KVAC
EMC Immunity EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV  MTBF 191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta  OTHERS Dimension 280x 30 x 21mm (L*W*H)		Isolation Resistance	I/P-O/P: 100MOhm / 500VDC / 25°C / 70%RH
MTBF 191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta  OTHERS Dimension 280x 30 x 21mm (L*W*H)		EMC Emission	EN55015, EN61000-3-2, EN61000-3-3
MTBF 191.35K hrs min. MIL-HDBK-217F @ 230VAC full load and 25°C ta  OTHERS Dimension 280x 30 x 21mm (L*W*H)		EMC Immunity	EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV
OTHERS Dimension 280x 30 x 21mm (L*W*H)		•	
	OTHERS	Dimension	280x 30 x 21mm (L*W*H)



# Abmessungen / Dimension

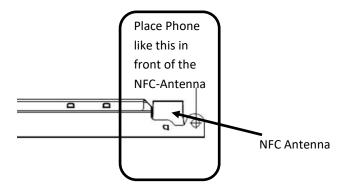
# **Product Dimension**





# Anschlussschema / Wiring Diagram







### Bemerkung:

- 1. Verdrahtung nach Schaltplan vornehmen und DALI-System einschalten.
- 2. Es wird empfohlen, die Parameter einzustellen, ohne die DALI-Geräte einzuschalten.
- 3. Bitte stellen Sie sicher, dass Ihr Mobiltelefon NFC-Funktion hat und aktivieren Sie es.

#### Note:

- 1. Do wiring according to the wiring diagram and power on the DALI system.
- 2. Recommend setting parameters without power-on the DALI devices .
- 3. Please make sure your mobile phone has NFC function and enable it .

### Mit der "SR NFC Tool" APP:

Schritt 1. Laden Sie die APP herunter (Suche nach "SR NFC Tool" im App Store und bei Google Play) und starten Sie die APP.

## Working with "SR NFC Tool" APP:

Step 1. Download the APP (searching "SR NFC Tool" from App Store and Google Play) and then open the APP.



#### Hinweis:

- 1. Vergewissern Sie sich, dass Sie die NFC-Funktion in Ihrem Mobiltelefon/Tablet aktiviert haben.
- 2. Vergewissern Sie sich, dass die "NFC-Position" übereinstimmt.
- 3. Bitte schalten Sie das Gerät vor der Einstellung nicht ein.
- 4. Wenn Sie das "SR NFC Tool" nicht herunterladen können. Nehmen Sie bitte Kontakt mit uns auf.

#### Note:

- 1. Please Make sure that you have enabled NFC function with your mobile phone/ tablet .
- 2. Please Make sure that the "NFC position" is matched.
- 3. Please do not power on the device before setting.
- 4. If you can't download "SR NFC Tool". Please contact us.



Schritt 2. Fügen Sie das Gerät hinzu und benennen Sie es nach Ihren Wünschen.

Step 2. Add device, and name it as you wish.



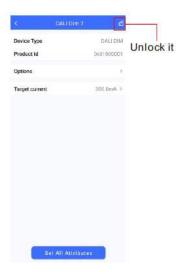


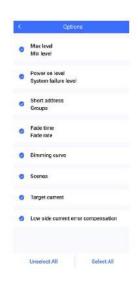


Schritt 3: Entsperren Sie das Gerät und rufen Sie die Seite zur Konfiguration der Parameter auf.

Step 3: Unlock device, enter parameters configuring page.







### Hinweis:

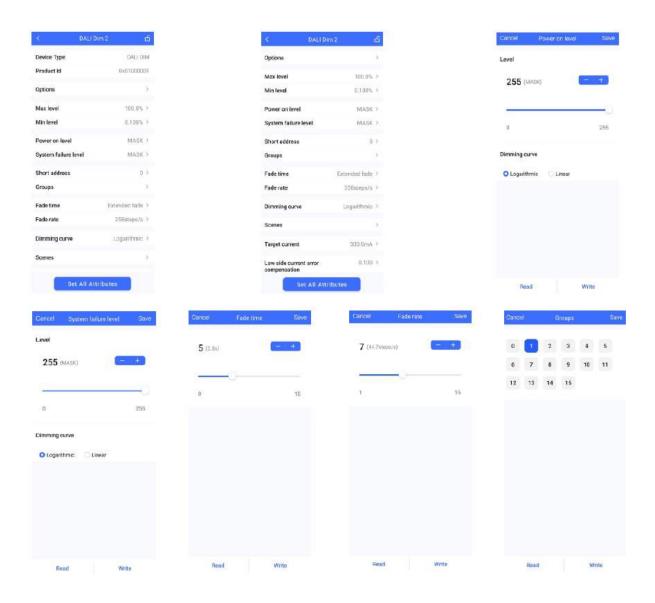
- 1. Sie müssen das Gerät entsperren und dann einige Einstellungen vornehmen.
- 2. Nur wenn die entsprechende Funktion ausgewählt ist, wird die Funktionsschnittstelle angezeigt.

### Note:

- 1. You have to unlock the device then do some settings.
- 2. Only when the corresponding function is selected, the function interface will be displayed.



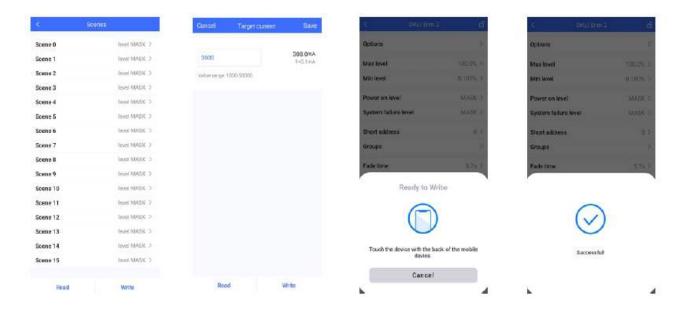
**Schritt 4:** Schnittstelle für einige wenige Parameter, hier können Sie die Einstellung entsprechend Ihren Anforderungen wählen **Step 4:** Interface for some few parameters, here you can choose the setting based on your requirements.





Schritt 5: Nach der Einstellung speichern Sie bitte die ausgewählte Konfiguration über NFC und schalten das Gerät ein.

Step 5: After setting, please save the selected configuration via NFC and power on the device.



### TIPS:

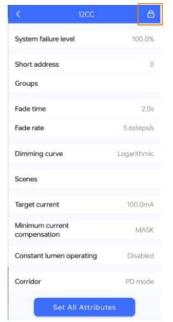
- 1. Die NFC-Funktion benötigt keinen Stromtreiber.
- 2. Viele Funktionen können über NFC konfiguriert werden. Prüfen Sie bitte Ihre gewünschten Funktionen.
- 3. Alle unsere DALI-Treiber sind in der besten Leistung innerhalb unserer DALI Master / DALI IoT-Gateway.
- 4. Dies ist ein 2-Kanal-Ausgang Produkt, so empfehlen wir sicherstellen, dass beide Lasten angeschlossen sind und haben die gleichen Lasten für jeden Kanal zur gleichen Zeit während der Prüfung.
- 4.1Wenn Sie einen Kanal zum Testen anschließen müssen, befolgen Sie bitte die folgenden Schritte (vor dem Einschalten).
- 4.1.1Wenn Sie an "+/WW" (Signalkanal) angeschlossen sind, stellen Sie bitte sicher, dass die "Einschalt-CCT" des NFC-Treibers auf 2700k (DALI-Standardwert) eingestellt ist, und schreiben Sie in das Gerät.
- 4.1.2Wenn Sie an "+/CW" (Signalkanal) angeschlossen sind, stellen Sie bitte sicher, dass die "Einschalt-CCT" des NFC-Treibers auf 6500k (DALI-Standardwert) eingestellt ist, und schreiben Sie in das Gerät.
- 1. NFC function doesn't require any power driver.
- 2. Many functions can be configured by NFC. Kindly check your desired functions.
- 3. All of our DALI drivers are in the best performance within our DALI master/ DALI IoT gateway.
- 4. This is a 2-channel output product, so we recommend ensuring that both loads are connected and have the same loads for each channel at the same time during testing.
- 4.1If you have to connect 1 channel to test, please follow the following moves (before powering on).
- 4.1.1If you are connected to "+/WW" (signal channel), please make sure to set "power on CCT" of NFC Driver to 2700k (DALI default value), and write to the device.
- 4.1.2If you are connected to "+/CW" (signal channel), please make sure to set "power on CCT" of NFC Driver to 6500k (DALI default value), and write to the device.

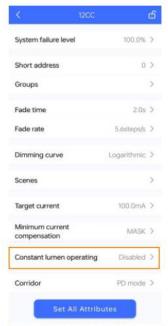


# CLO AND CORRIDOR DIM(CD) FUNCTION INSTRUCTION

Schritt 1: Öffnen Sie die APP, und suchen Sie die CLO/CD-Funktionen

Step 1: Open APP, and Find the CLO/CD functions







Enable or Disable CLO function

Read From the NFC Driver

Unlock it, and Click here to enter CLO settings

Schritt 2: Startseite von CLO Setting aufrufen

Step 2: Enter CLO Setting homepage



Enable CLO function



Click "1", and set its time and level



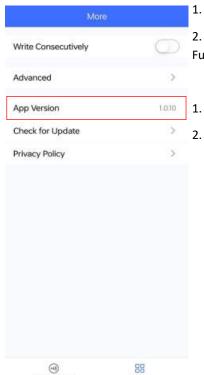
Set your desired time and levels. Graphic display



# CLO AND CORRIDOR DIM(CD) FUNCTION INSTRUCTION

## Zusätzliche Bemerkungen:

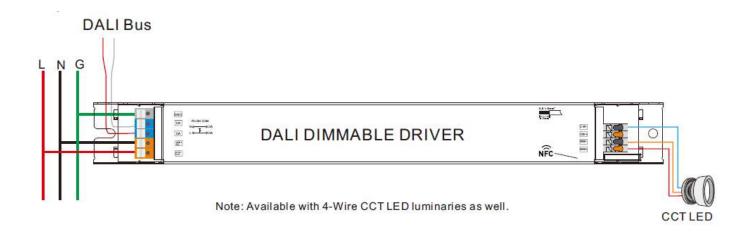
## Additional Remarks:



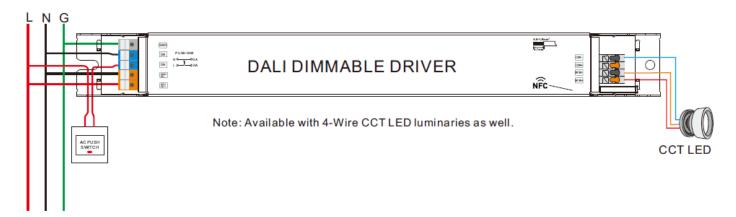
- . Bitte stellen Sie sicher, dass Ihre APP-Version 1.0.10 oder höher ist.
- 2. Bitte stellen Sie sicher, dass die Firmware des NDC-Treibers mit CLO-/CD-Funktion verfügbar ist.
  - Please make sure your APP version ist 1.0.10 or higher.
  - Please make sure NDC driver'sfirmware is available with CLO / CD function.



# Anschlussschema DALI / Wiring Diagram DALI



# Anschlussschema PUSH/ Wiring Diagram PUSH

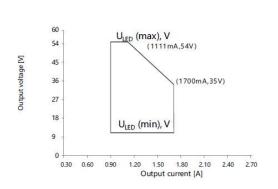


- 1) Klicken Sie auf die Taste, um EIN/AUS zu schalten.
- 2) Halten Sie die Taste gedrückt, um die Lichtintensität auf den gewünschten Wert zu erhöhen oder zu verringern, und lassen Sie sie dann los; wiederholen Sie den Vorgang, um die Lichtintensität in die entgegengesetzte Richtung einzustellen. Der Dimmbereich reicht von 1% bis 100%.
- 3) Klicken Sie die Taste zweimal um zwischen Lichtintensität Modus und Farbtemperatur Modus zu wechseln.
- 4) Halten sie die Taste gedrückt, um im Farbtemperatur Modus die Temperatur einzustellen.
- 1) Click the button to switch ON/OFF
- 2) Press and hold down the button to increase or decrease light intensity to desired level and release it, then repeat the operation to adjust light intensity to opposite direction. The dimming range is from 1% to 100%.
- 3) Double click the button to switch between brightness mode and color temperatur mode.
- 4) Press and hold down the button to change color temeratur under color temerature mode.

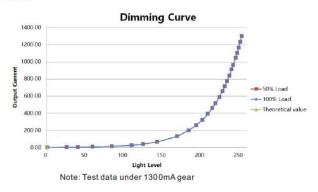


# Diagramme / Diagrams

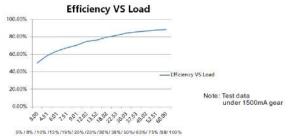
## Operating window



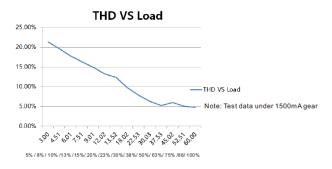
## **Dimming Curve**



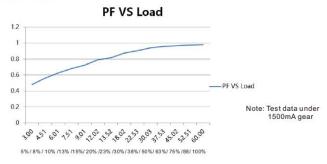
## **Driver Performance**



### **Driver Performance**



### **Driver Performance**



## **Expected Lifetime**

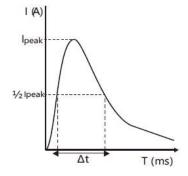
Module Number	Output current	Та	30 °C	40 °C	45 °C	•••	60 °C
SRPL-2305N-60CC900-1700	900 – 1700 mA	Tc	52 °C	62 °C	66 °C	•••	90 °C(max)
SRPL-2309N-60CCT900-1700	900 – 1700 mA	Lifetime	> 100,000 h	> 80.000 h	> 60.000 h		> 25.000 h

The LED driver is designed for a lifetime stated above under reference conditions. The relation of tc to ta temperature depends also on the luminaire design.



# Leistungsschalter/ MCB Load Quantity

Module Number	lpeak	k Twidth	Max.quantity of LED Driver per MCB														
			B10	B13	B16	B20	B25	C10	C13	C16	C20	C25	D10	D13	D16	D20	D25
SRPL-2305N-60CC900-1700	25.9A	148µs	15	20	24	30	38	18	23	28	35	44	20	26	32	40	50
SRPL-2309N-60CCT900-1700	25.9A	148µs	15	20	24	30	38	18	23	28	35	44	20	26	32	40	50



- 1. Diese MCB-Parameter basieren auf Leistungsschaltern der Serie S200 von ABB.
- 2. Für verschiedene Marken und Modelle von Leitungsschutzschaltern, ist die Anzahl der Treiber unterschiedlich.
- 3. Bitte überschreiten Sie bei der Installation vor Ort nicht die oben angegebene Menge, und die spezifische Lastmenge unterliegt der Installation vor Ort.
- 4. Wenn die Temperatur der Installationsumgebung von MCBs 30°C überschreitet oder wenn mehrere MCBs nebeneinander installiert werden, reduziert sich die Anzahl der montierten Antriebe, was eine Neuberechnung erfordert.
- 5. MCBs des Typs C werden für die Verwendung mit LED-Beleuchtung dringend empfohlen.
- 1. Those MCB parameters are based on ABB S200 series circuit breakers.
- 2. For different brands and models of miniature circuit breakers, the quantity of drivers will have difference.
- 3. Please do not exceed the above-mentioned quantity during on-site installation, and the specific load quantity shall be subject to on-site installation.
- 4. When the installation environment temperature of MCBs exceeds 30°C or when multiple MCBs are installed side by side, the number of mounted drives will be reduced, which requires recalculation.
- 5. Type C MCB's are strongly recommended to use with LED lighting



## Installation

#### Sicherheit

Installieren Sie das Gerät nicht, während es am Stromnetz angeschlossen ist.

Stellen Sie den Betriebsstrom nicht bei Spannung am Gerät ein

Setzen Sie das Gerät keiner Feuchtigkeit (inkl. Spritz- oder Tropfwasser) aus.

Treiber mit PWM Dimmung können durch Schwingungen Geräusche verursachen. Diese können sowohl durch schwingende Bauteile im Gerät, wie auch über Resonanzschwingungen von anderen Körpern erzeugt werden.

#### DALI Adresse zuteilen über einen Master

Die DALI Adresse kann über einen DALI-Master automatisch programmiert werden. Bitte beachten Sie dafür die Bedienungsanleitung des jeweiligen DALI-Masters.

#### **Push Dimmer Modus**

Wenn der Treiber mit einem AC PUSH verbunden ist, befindet er sich im Push Dimmer Modus.

Der Betrieb im Push Dimmer Modus funktioniert folgendermassen:

Klicken Sie auf die Schaltfläche (Taster), um ein- und auszuschalten.

Halten Sie die Taste gedrückt, um die Lichtintensität auf den gewünschten Wert zu erhöhen oder zu verringern.

Die Speicherfunktion beim Ausschalten oder bei einem Stromausfall ermöglicht es dem Gerät, den Status vor dem Ausschalten zu speichern.

#### Safety

Do not install the unit while it is connected to the mains.

Do not adjust the operating current when the unit is live.

Do not expose the unit to moisture (including splashing or dripping water).

Drivers with PWM dimming can cause noise due to vibrations. These can be generated by vibrating components in the unit as well as by resonance vibrations from other bodies.

#### Assigning a DALI address via a master

The DALI address can be programmed automatically via a DALI master. Please refer to the operating instructions of the respective DALI master.

#### **Push Dimmer Mode**

When the driver is connected to an AC PUSH, it is in Push Dimmer mode.

Operation in Push Dimmer mode works as follows:

Click the button (push button) to switch on and off.

Press and hold the button to increase or decrease the light intensity to the desired value.

The memory function when switching off or in the event of a power failure allows the unit to save the status before switching off.