



## Protections

Short Circuit	Yes, Auto recovery
Open circuit	Yes, Auto recovery
Output Overload	Yes, Auto recovery
Over Temperature	Yes, Auto recovery

## Environment

Ta	-25°C ~ +60°C
Tc	85°C (Ta="45°C")
Humidity	10% ~ 95% RH non-condensing
Storage Temp. & Humidity	-40°C ~ +80°C, 10% ~ 95% RH

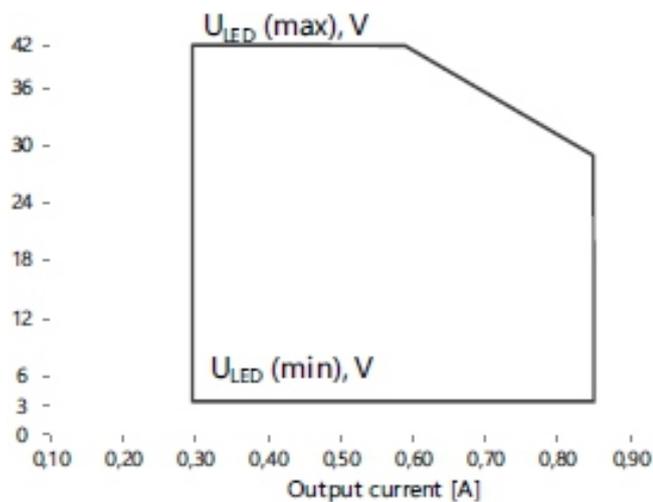
## Safety & EMC

Safety Standards	EN61347-1, EN61347-2-13
Withstand Voltage	I/P-O/P: 3.75KVAC
Isolation Resistance	I/P-O/P: 100M Ohms / 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
DALI Parts	101, 102, 207

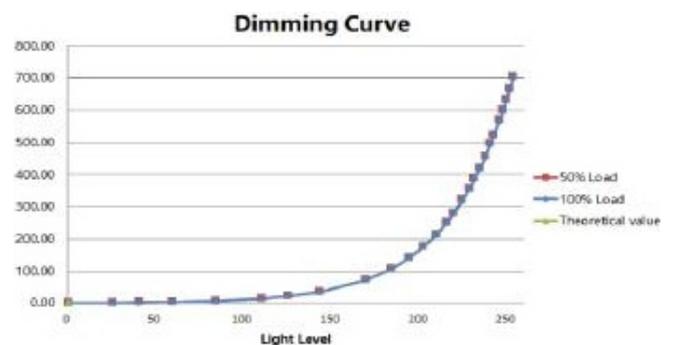
## Other

Life	50,000 Hours @ Tc 85°C
Dimension	φ65x30mm (D*H)
IP Rating	IP20

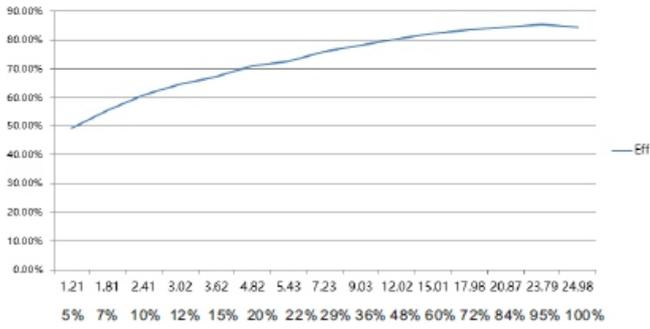
## Voltage and current operating window



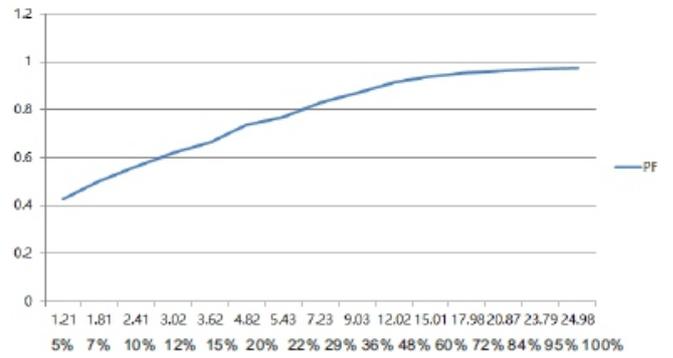
## Dimming Curve



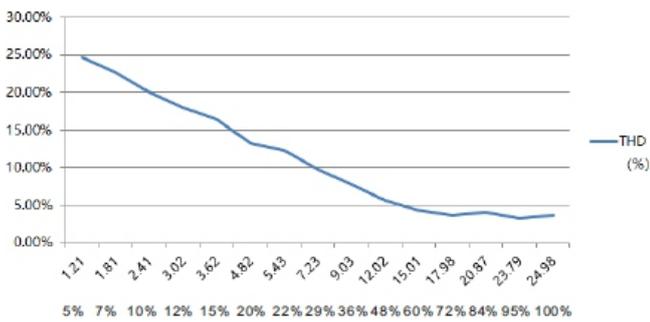
### Typical Efficiency Vs Load %



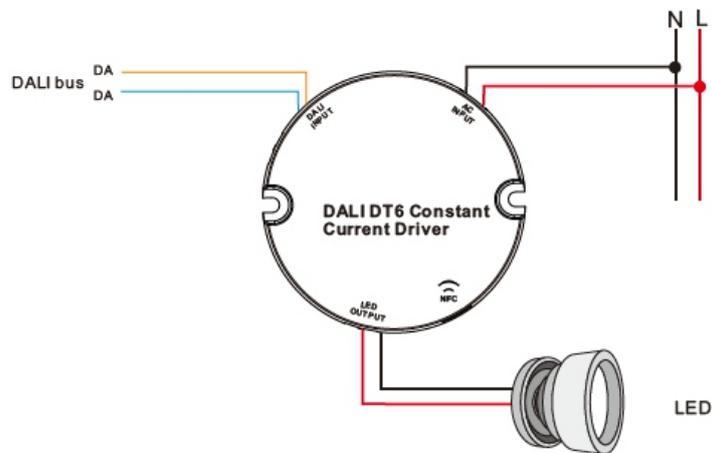
### Power factor vs Load



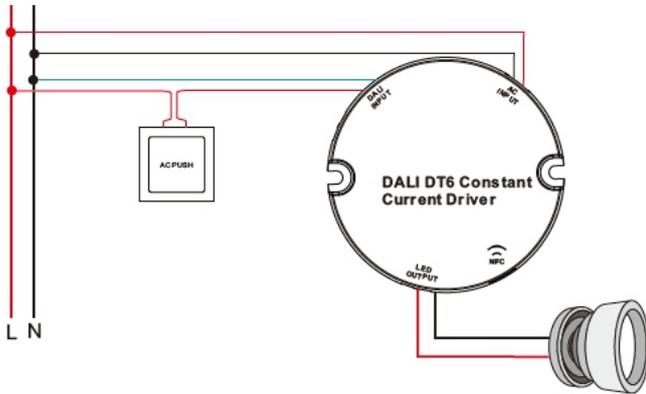
### A-THD Vs Load %



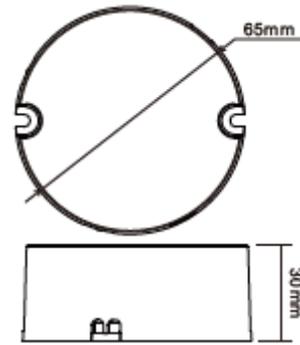
### DALI Wiring Diagram



## Wiring Diagram for Push Dim



## Mechanical dimensions

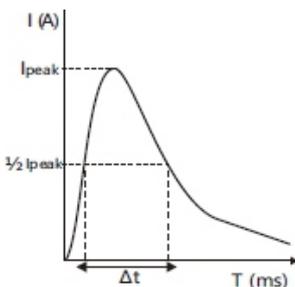


## AC Push Function

- 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%.

## MCB Load Quantity

Module Number	I <sub>peak</sub>	T <sub>width</sub>	Max. quantity of LED Driver per MCB														
			B10	B13	B16	B20	B25	C10	C13	C16	C20	C25	D10	D13	D16	D20	D25
SRPY-2305N-25CC300-850	5.94A	64μs	40	52	64	80	100	46	60	74	93	116	53	69	85	106	133
SRPY-2309N-25CCT300-850	5.94A	64μs	40	52	64	80	100	46	60	74	93	116	53	69	85	106	133



### Note:

- Those MCB parameters are based on ABB S200 series circuit breakers.
- For different brands and models of miniature circuit breakers, the quantity of drivers will have difference.
- Please do not exceed the above-mentioned quantity during on-site installation, and the specific load quantity shall be subject to on-site installation.
- 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.
- Type C MCB's are strongly recommended to use with LED lighting.