

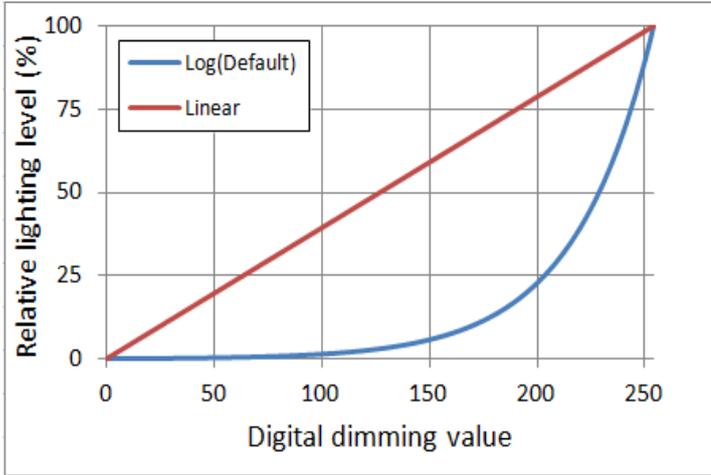
	Item	Value	Remark
Input	Nominal voltage	220–240V	
	Nominal frequency	50–60Hz	
	AC voltage range	198–264V	
	DC voltage range (start)	NA	
	DC voltage range (operation)	NA	
	Nominal current	500mA	Full load @230VAC
	Total Harmonic Distortion (THD)	< 10%	Full load @230VAC
	Power factor	0.95	Full load @230VAC
	Displacement factor	0.95	Full load @230VAC
	Efficiency	90% (Typ.)	Full load @230VAC
	No-load power	NA	
	Stand-by power	< 0.5W	
	Networked standby power	<0.5W	
	Protection class	II	Suitable for class II luminaires
	Inrush current	60A / 250us	
Earth leakage current	NA		
Output	Nominal voltage range	24Vdc	
	Maximum voltage	25Vdc	
	Voltage accuracy	± 2.5%	Full load @230VAC
	Output LF voltage ripple	± 3%	< 120Hz
	SVM	≤ 0.4	Full load @230VAC
	PstLM	≤ 1	Full load @230VAC
	Starting time	< 0.5S	Full load @230VAC
	Nominal power range	5-100W	
	Maximum current	4160mA	
	Maximum power	100W	
Color tuning range	2000-10000K		
Dimming	Dimming control	DALI	Touch Dim
	Dimming range	1-100%	10-100%
	Lowest dimming current	NA	
	Dimming technique	PWM	
	PWM frequency	2KHz	
	Galvanic isolation	Basic insulated to PRI and double insulated to SEC	

	Item	Value	Remark
Environment	Ambient temperature range t_a	-20°C - +50°C	
	Maximum case temperature t_c	90°C	
	Max. case temp. in fault condition	110°C	When operating under fault conditions, the temperature of the enclosure at any location should not exceed 110 °C
	Storage temperature range	-40°C - +85°C	
	Relative humidity	10% - 95%	
	Surge transient protection	1 kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	>100,000	
	Expected lifetime	> 50,000 h, t_c 90 °C @ t_a 50 °C > 100000 h, t_c 80 °C @ t_a 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
Packing	Gross weight/box	18.5 kg	
	Net weight/box	16.8 kg	
	Pcs/box	42 PCS	
	Dimension/box	490(L)*270(W)*225(H)mm	
Protections			
	Short-circuit Protection	Auto recovery	
	Open-circuit Protection	Auto recovery	
	Overload Protection	Auto recovery	
Conformity & Standards			
	Safety standard:	EN 61347-1, EN 61347-2-13, EN 62493	
	Performance:	EN 62384	
	SAA standard:	AS/NZS 61347.1, AS/NZS IEC 61347.2.13	
	EMC standard:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547	
	DALI protocol standard:	EN 62386-101, EN 62386-102, EN 62386-207,EN 62386-209	
Cable information			
PRI Connection			
	Cable cross-section	0.75-2.5□/AWG 18-14	
	Stripping	9mm	
Sec Connection			
	Cable cross-section	0.75-2.5□/AWG 18-14	
	Stripping	9mm	
DALI			
	Cable cross-section	0.75-2.5□/AWG 18-14	
	Stripping	9mm	
Terminal information			
PRI Screwless button			
SEC Screwless button			
DALI Screwless button			

Subject to change without notice, HEP guarantees all products perform functionally well

* If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

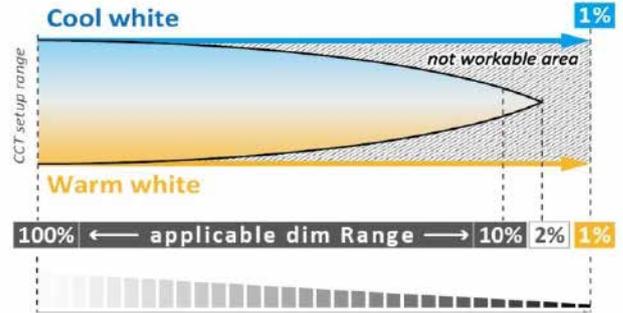
Dimming Curve



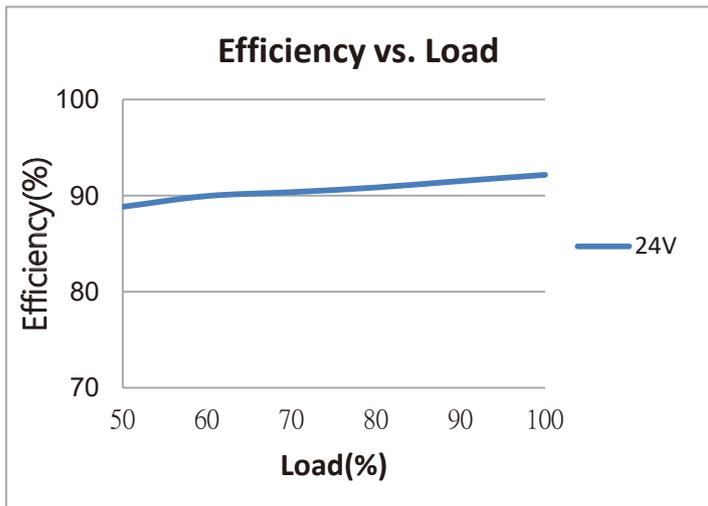
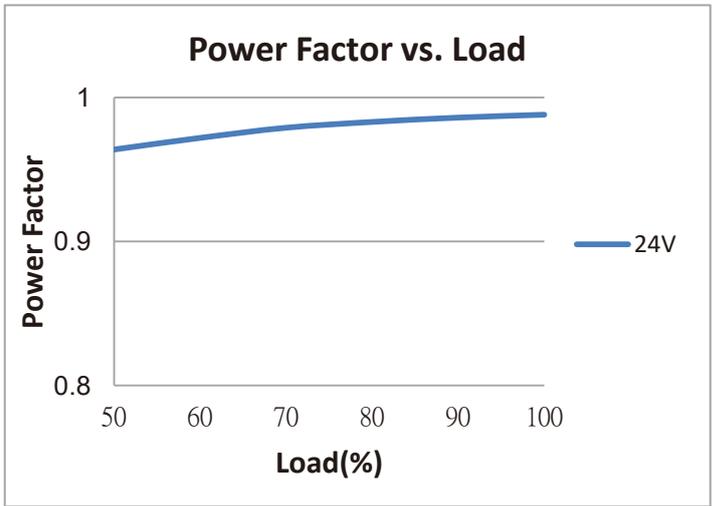
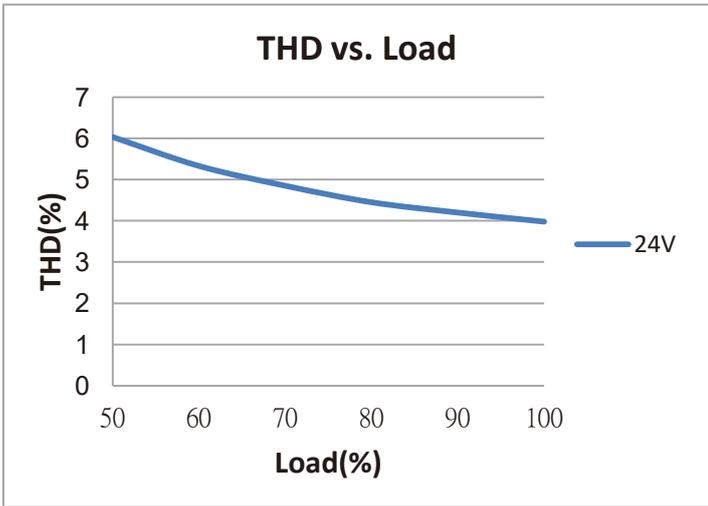
DALI Curve

DALI-2 DT8 Control

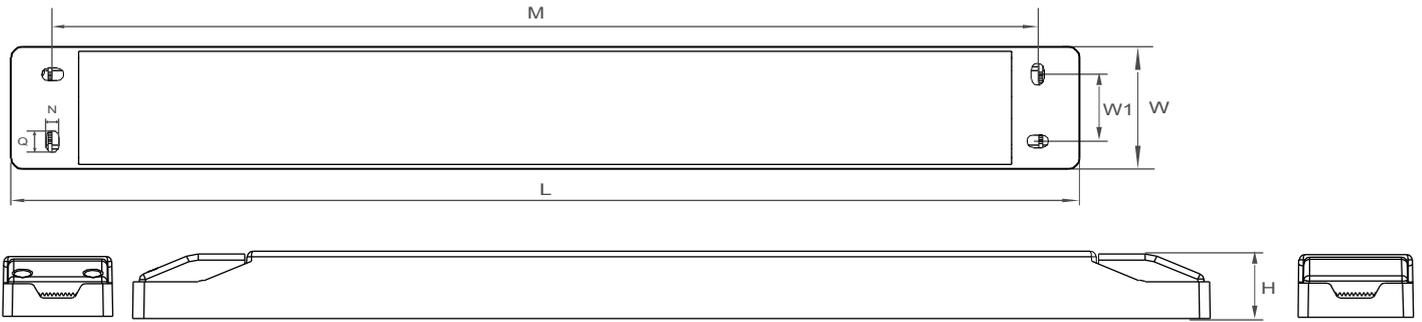
Dimming up/down and CCT tuning are performed independently via DALI-2 DT8 dimmer.



Electrical Values



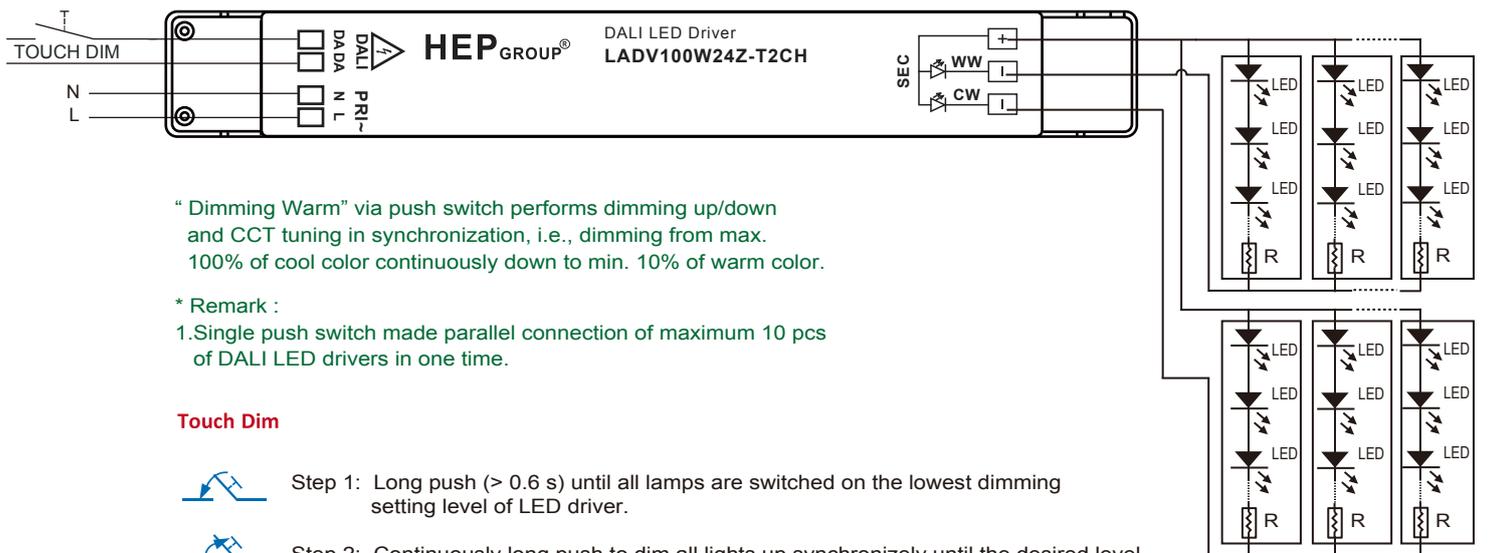
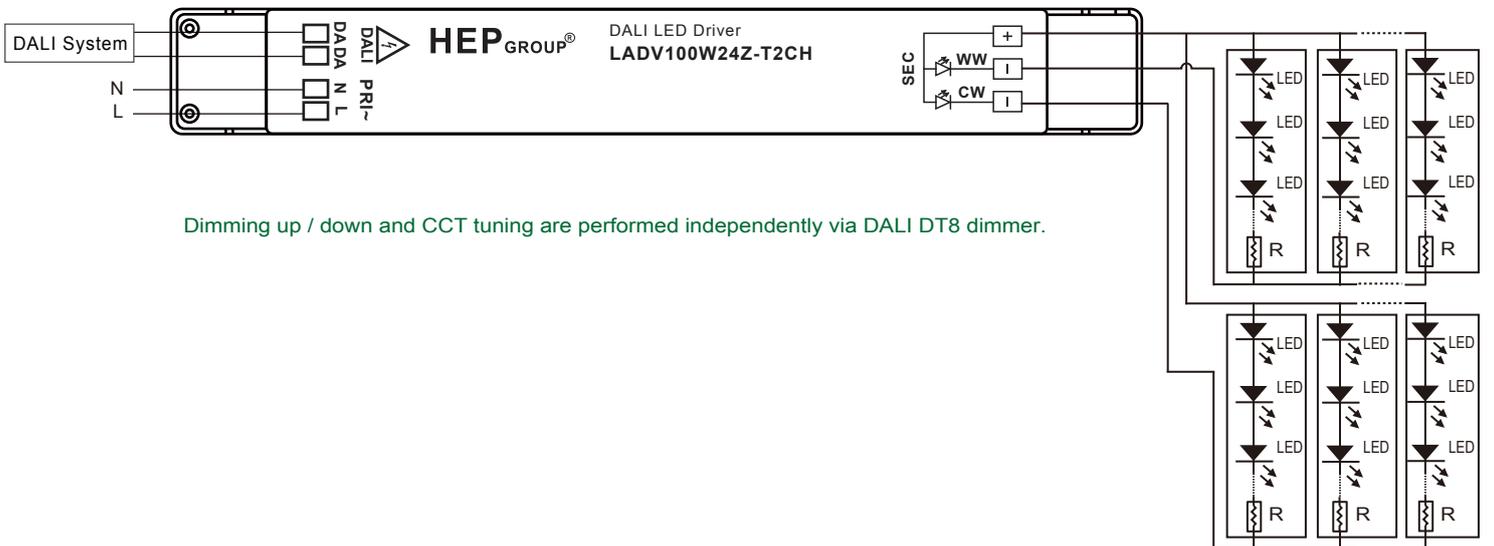
Physical Parameter



L : 347.2 mm M: 320 mm H: 22 mm W: 40 mm
 W1: 22 mm N: 4.2 mm Q: 7.2 mm
 Slot On One Side Allowing Alignment : M+/-3 mm

Tolerance : +/-1 mm
 Housing Material : Polycarbonate
 Soldering : Lead - Free, Comply With RoHS
 Label : Surface Print

Wiring Diagram



1.Single push switch made parallel connection of maximum 10 pcs of DALI LED drivers in one time.

Touch Dim



Step 1: Long push (> 0.6 s) until all lamps are switched on the lowest dimming setting level of LED driver.



Step 2: Continuously long push to dim all lights up synchronizely until the desired level, then release push bottom to stop at present light level.



Step 3: Or make long push again for dimming all lights down synchronizely to the desired level, then stop pushing bottom.



Step 4: Short push (< 0.6 s) to make all lamps are switched off.



Step 5: Short push (< 0.6 s) - Push to turn ON/OFF all lamps at the latest setting light level.

Remark: Maximum 10m of cable length from LED driver connecting to light source for DALI/Touch Dim
 Maximum cable length of Touch Dim from push switch to LED drivers is 20m.
 Single push switch makes parallel connection of max. 10 pieces of LED drivers in one time.