

Item	Value	Remark
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	95mA	Full load @230VAC
Total Harmonic Distortion (THD)	< 15%	Full load @230VAC
Power factor	0.6C-0.95	Full load @230VAC
Displacement factor	0.6C-0.95	Full load @230VAC
Efficiency	79% (Typ.)	Full load @230VAC
No-load power	NA	
Stand-by power	< 0.3W	
Networked standby power	< 0.5W	
Protection class	NA	
Inrush current	17A / 80us	
Max.units per circuit breaker	Type B , 10A MCB	42
	Type B , 16A MCB	67
	Type C , 10A MCB	53
	Type C , 16A MCB	84
Earth leakage current	NA	
Output	Nominal voltage range	
	125 - 280mA	15-54 Vdc
	300mA	15-50 Vdc
	350mA	15-43 Vdc
	450mA	15-33.5 Vdc
	500mA	15-30 Vdc
	600mA	15-25 Vdc
	700mA	15-21.5 Vdc
Maximum voltage	60 Vdc	
Output channels	2	

	Item	Value	Remark
Output	Nominal current range	125-700mA	DC Output with adjustable constant current from 125 to 700 mA via NFC in 1mA steps Factory default 125mA
	Current accuracy	± 5%	Full load @230VAC
	Typical output LF current ripple	± 5%	Low Frequency< 120Hz Full load @230VAC
	Starting time	< 0.5 S	Full load @230VAC
	Nominal power range	1.9-15W	
	Maximum power	15W	
	Color tuning range	1500K-10000K	Adjusted via NFC program Factory default 2000K-10000K
Dimming	Dimming control	DALI	
	Dimming range	1-100%	
	Lowest dimming current	0.5-1.5%	Lowest current is designed within 7mA
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Galvanic isolation	Basic insulated to PRI and supplementary insulated to SEC	
Environment	Ambient temperature range t_a	-20°C - +60°C	
	Maximum case temperature t_c	85°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 85 °C @ t_a 60 °C	0.2 % / 1,000 h failure rate
Packing	Gross weight/box	9 kg	
	Net weight/box	7.8 kg	
	Pcs/box	56 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	
	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	L	N
Color	Brown	Blue
Wire type	7022	7022
Wire diameter	AWG18	AWG18
Wire length	154mm	154mm
Stripping	6mm	6mm
tolerance	±5mm	±5mm

Sec Connection

Connection	LED2 (+)	LED2 (-)	LED1 (+)	LED1 (-)
Color	Red	Black	Brown	White
Wire type	1430	1430	1430	1430
Wire diameter	AWG22	AWG22	AWG22	AWG22
Wire length	135mm	135mm	135mm	135mm
Stripping	6mm	6mm	6mm	6mm
tolerance	±5mm	±5mm		

DALI Connection

Connection	DA	DA
Color	Purple	Gray
Wire type	7022	7022
Wire diameter	AWG20	AWG20
Wire length	105mm	105mm
Stripping	10mm	10mm
tolerance	±5mm	±5mm

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).

Current adjustable

NFC Reader (optional)

Feature:

Easily on-line read a output current from a driver or write a new current data to a driver throughout HEP NFC reader within few seconds.



APP NFC

Feature:

Quickly check output current of a LED driver simply via Android smart phone, as well as, correct or setup a new current data immediately with no extra equipment at any job site.

ICON



Main



QR Code

Google play

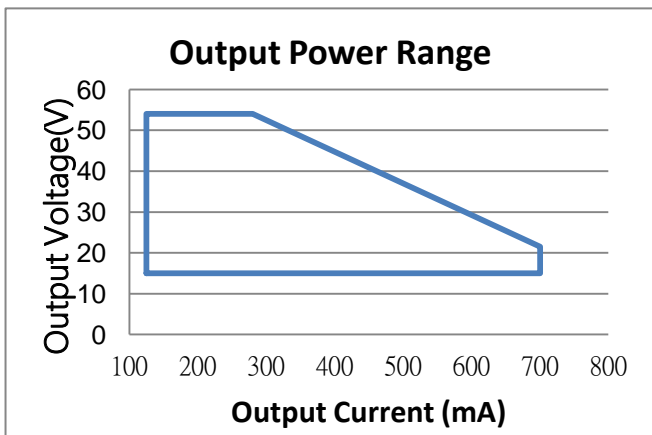
APK



Android 6.0 Up

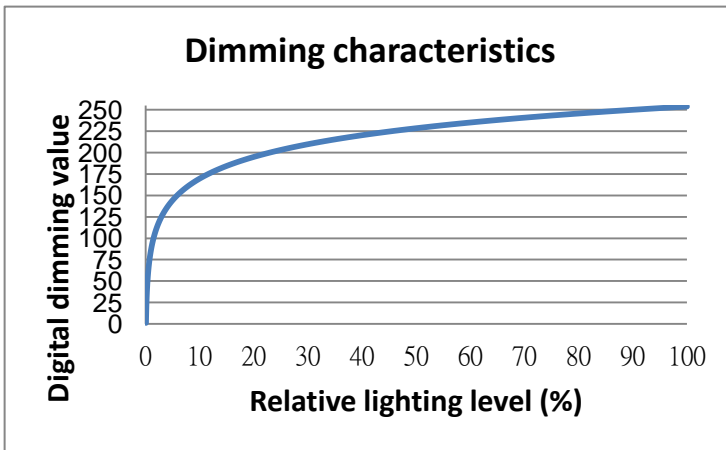
Smart phone with a NFC function

Electrical Values



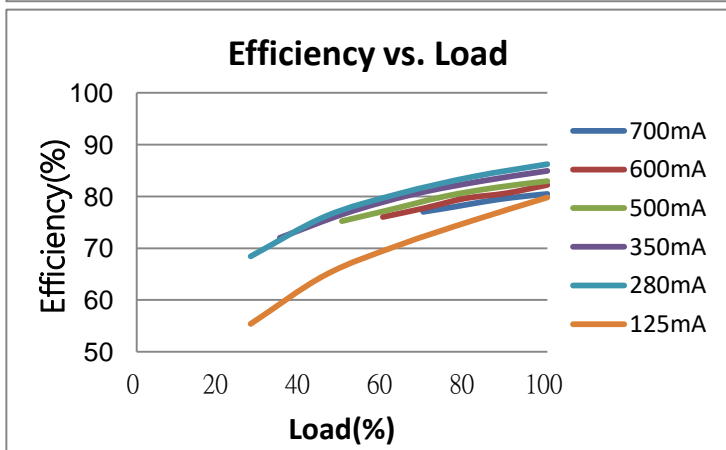
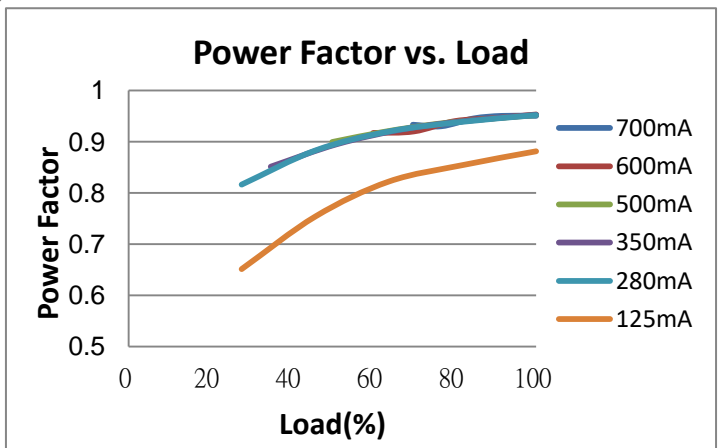
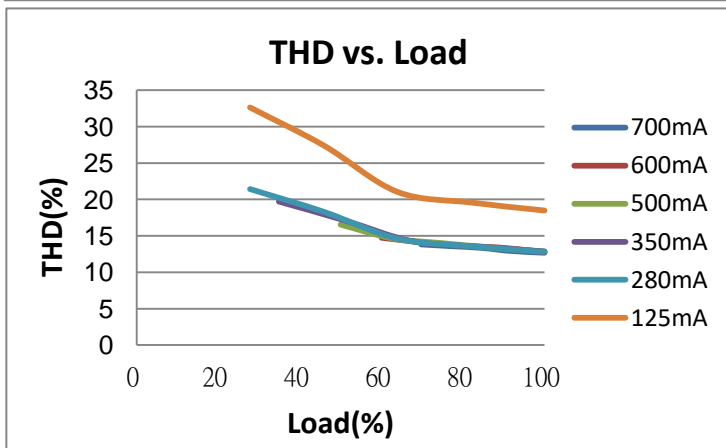
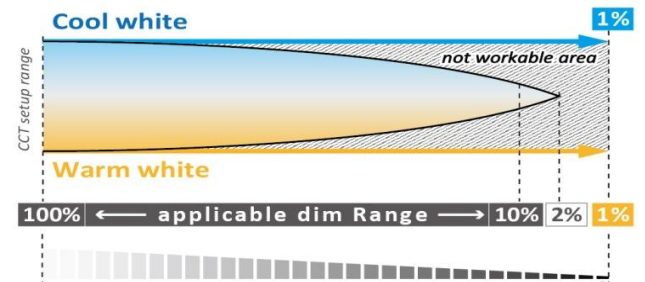
Output Current (mA)	Output Voltage Range (V)	Output Power Range (W)
700	15-21.5	10.5-15.0
600	15-25.0	9.0-15.0
500	15-30.0	7.5-15.0
450	15-33.5	6.8-15.0
350	15-43.0	5.3-15.0
300	15-50.0	4.5-15.0
280	15-54.0	4.2-15.1
275	15-54.0	4.2-14.8
250	15-54.0	3.8-13.5
200	15-54.0	3.0-10.8
140	15-54.0	2.1-7.5
125	15-54.0	1.9-6.7

* Upon client's special demand, customized current range in between 125 mA and 700 mA could be specified as factory default from shipment. This default current range available revised again via NFC reader program at client's site, if necessary.



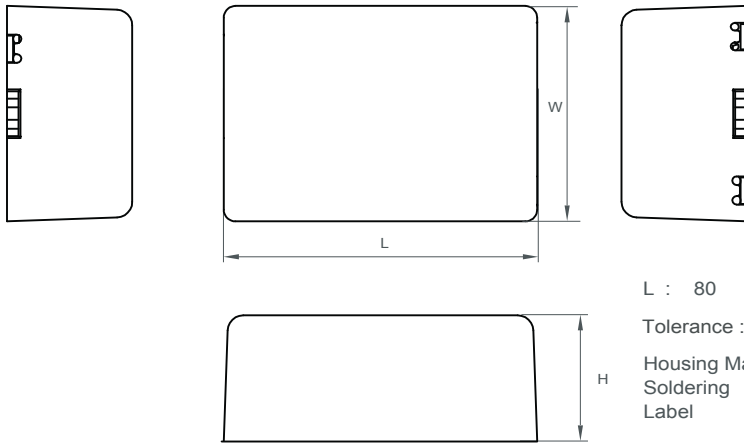
DALI-2 DT8 Control

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



Physical
Parameter

Clear type

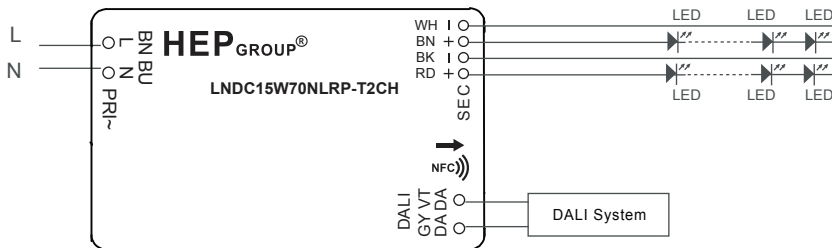


L : 80 mm W: 55 mm H : 32 mm

Tolerance : +/-1 mm

Housing Material : Polycarbonate / Potting
Soldering : Lead-Free, Comply With RoHS
Label : Surface Print

Wiring Diagram



NFC Antenna Location

