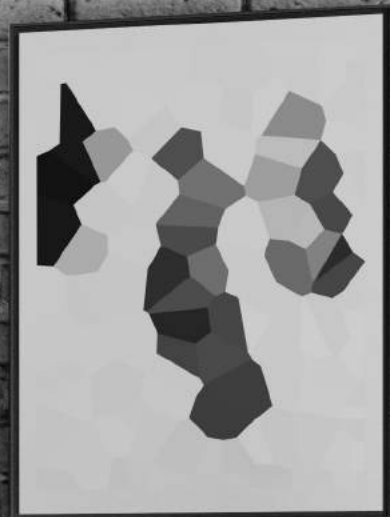


HEP
LED
DRIVER
2022





WHO WE ARE

Since 2002 HEP Group has been specializing in the innovation and manufacture of environment-friendly, energy-saving, delicate electronic lighting control gear for industrial and commercial purposes.

With around 500 employees HEP Group serves customers in more than 50 countries worldwide. The head office HEP Tech Co., Ltd. in Taiwan is responsible for sales to non-European countries and houses one of the Group's R&D centers. HEP Tech. Co., Ltd is a TPEx listed company (stock code 3609).

To European customers HEP GmbH in Germany provides optimal service and timely delivery from their warehouse. HEP GmbH's engineering department is the main development and certification center. Together with the affiliated R&D center of HEP Tech. Co. Ltd. it is best equipped to perform innovative and advanced developments, measurements and employ the highest technical know-how to ensure utmost quality.

All of HEP products are engineered in compliance with the highest safety and performance standards, evidenced by certifications from global testing centers such as



and also comply with global regulatory safety and environment protection norms, such as RoHS, REACH and WEEE. Our production site in Zhuhai (China) is certified according to ISO9001, ISO14001 and OHSAS18001.

In pursuit of corporate social responsibility - the ultimate energy efficiency, lighting quality and sustainable environment, HEP is constantly dedicated to developing the most advanced green lighting electronics. Modern dimming technologies, wireless solutions and IoT technologies meet the high requirements of the corporate goals. HEP never ceases to maximize lighting performance excelling in innovation and continuously supporting a greener world.

HEP—High-reliability Electronic Performance is our commitment to customers with value-added quality and services. As a strategic partner, we not only promise to meet our customer's special requirements, but also look forward to remaining a source of innovation.

CREATE YOUR LED DRIVER

Make sure your LED Driver meets your requirements in all specifications.



Customizable features

- Housing Design
- Input / Output Voltage
- Current Ranges
- PCB Shape
- Dimming Options



Our customized product solution maximizes your design flexibility with all benefits found in our standard HEP products.

Once we receive your key data, our engineers will check feasibility and cost structure and provide a detailed offer > 5000 MOQ.

With our experience in sourcing, production processes, quality control and logistics, our supply chain provides the perfect conditions for bringing your idea to mass market.



Approval, Safety and Markings



The European conformity mark ENEC (European Norms Electrical Certification) declares that product complies with all requirements of the ENEC agenda. *



International conformity marks.
The device complies with all requirements of the agenda. *



Product complies with EU requirements. *



Digitally controllable device complies to all requirements of the DiiA where HEP maintains a membership.



DALI standard for intelligent, IoT-ready luminaires.



Dimming and switching on/off by push button.



0/1 - 10 V dimmable.



Trailing edge dimmable.



Output current adjustable via DIP-SWITCH.



Output current adjustable via Near-Field Communication.



Safety class II device bears additional safety features like double or reinforced isolation.



Double or reinforced insulation. Ready for safety class II equipment.



Independent device which does not have to be mounted inside a luminaire.



Short-circuit-proof safety electronic control gear.



Thermally protected device. Shows max. surface temp. in the event of a fault at rated ambient temperature.



Can be installed on and in furniture made from materials with unknown flammability properties.

SELV

Safety Extra Low Voltage.

IP20 IP44 IP67

Type of protection against ingress and water.



Product complies with all RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment) requirements.



Product must be sent to separate collection facilities for recovery and recycling.



CONTENT TABLE

HEP LED PRODUCT RANGE 2022

1

TRACKLIGHT

2

DIMMABLE CONSTANT CURRENT

3

NON-DIMMABLE CONSTANT CURRENT

4

DIMMABLE CONSTANT VOLTAGE

5

NON-DIMMABLE CONSTANT VOLTAGE



01



TRACKLIGHT



IN-TRACK ADAPTOR

LV-DC LED DRIVER 48 V

CASAMBI dimmable | Current adjust via NFC

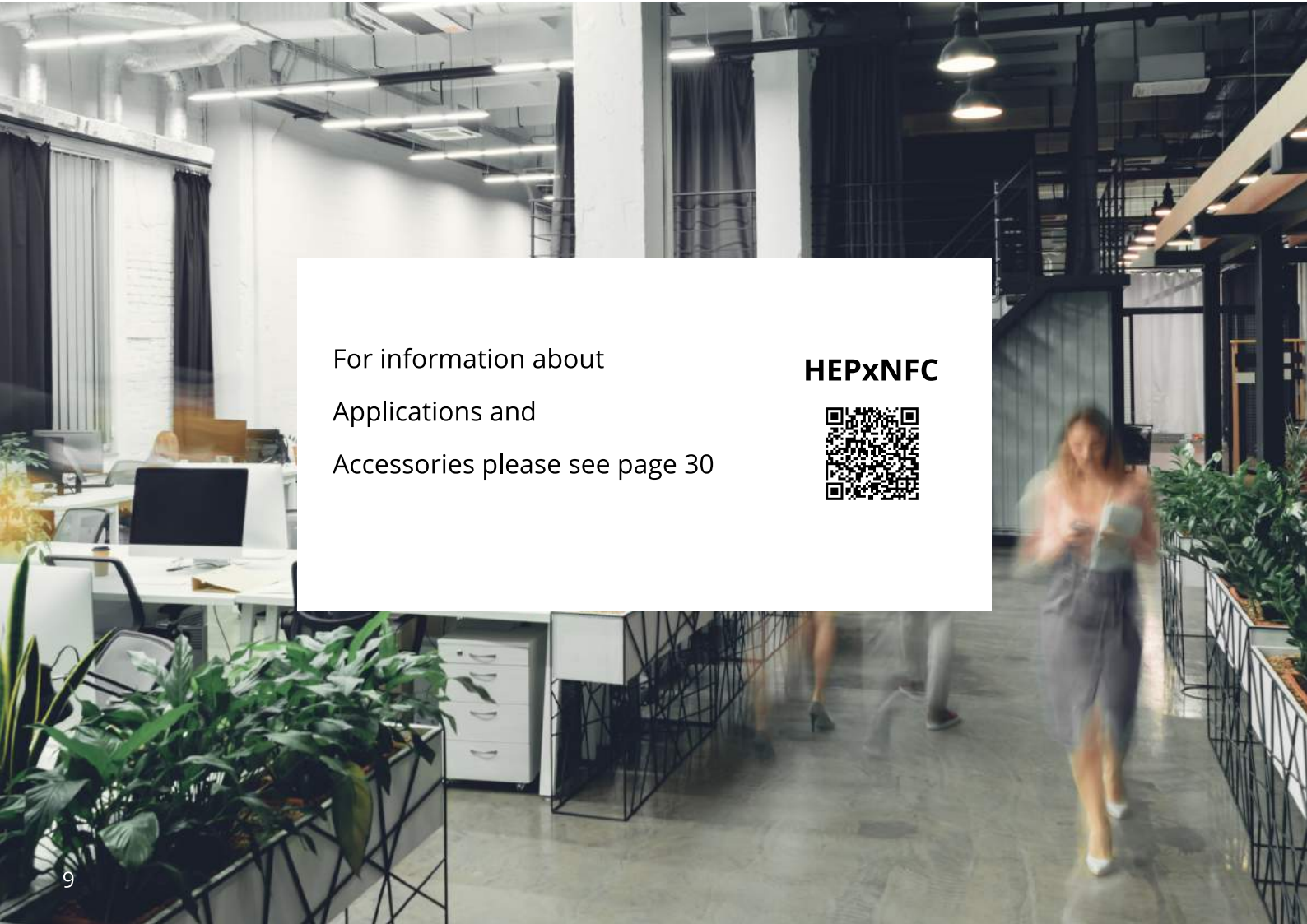
220-240 V230.5 x 31 x 45.9 mm

Model	Irated	Prated	Urangle	PF	Ripple	Certification
LWCBC25W600NLR	120-450 mA	1.2-25.2 W	10-54 V	0.9 C	±5 %	
	500 mA		10-50 V			
	600 mA		10-42 V			



220-240 V230.5 x 31 x 45.9 mm

Model	Irated	Prated	Urangle	PF	Ripple	Certification
LWCBC40W1050NLR	350-700 mA	3.5-40 W	10-54 V	0.9 C	±5 %	
	800 mA		10-50 V			
	900 mA		10-44 V			
	1000 mA		10-40 V			
	1050 mA		10-38 V			



For information about
Applications and
Accessories please see page 30

HEPxNFC



IN-TRACK ADAPTOR

HEPxNFC



□ DALI-2 DT8 for Tunable White | Current adjust via NFC

220-240 V	255 x 31 x 45.9 mm					
Model	Irated	Prated	Urangle	PF	Ripple	Certification
LWDC25W700NLR-T2CH	200-700 mA	2-25 W	10-50 V	0.95	±5 %	ENEC
LWDC36W1000NLR-T2CH	350-1000 mA	3.5-36 W	10-50 V	0.95	±5 %	ENEC



□ DALI-2 DT6 | Current adjust via NFC

220-240 V	255 x 31 x 45.9 mm					
Model	Irated	Prated	Urangle	PF	Ripple	Certification
LWDC25W600NLR	120-150 mA	1.8-8.1 W	15-54 V	0.9 C	±5 %	ENEC
	200-600 mA	2-25.2 W	10-54 V	0.9 C	±5 %	ENEC
LWDC40W1050NLR	350-1050 mA	3.5-40 W	10-54 V	0.95	±5 %	ENEC



□ Trailing Edge dimmable | Current adjust via DIP SWITCH

220-240 V	230.5 x 31 x 45.9 mm					
Model	Irated	Prated	Urangle	PF	Ripple	Certification
LWTC20W500CALR	250 mA	6.3-10 W	25-40 V	0.9 C	±5 %	ENEC
	350 mA	8.8-14 W	25-40 V	0.9 C	±5 %	ENEC
	500 mA	12.5-20 W	25-40 V	0.9 C	±5 %	ENEC
LWTC32W800CALR	600 mA	15-24 W	25-40 V	0.9 C	±5 %	ENEC
	700 mA	17.5-28 W	25-40 V	0.9 C	±5 %	ENEC
	800 mA	20-32 W	25-40 V	0.9 C	±5 %	ENEC



□ Non-dimmable | Current adjust via DIP SWITCH

220-240 V	158 x 31.2 x 44.4 mm					
Model	Irated	Prated	Urangle	PF	Ripple	Certification
LWC14W350CALR	180 mA	4.5-7.2 W	25-40 V	0.9 C	±5 %	
	250 mA	6.3-10 W	25-40 V	0.9 C	±5 %	
	300 mA	7.5-12 W	25-40 V	0.9 C	±5 %	
	350 mA	8.8-14 W	25-40 V	0.9 C	±5 %	
LWC28W700CALR	400 mA	10-16 W	25-40 V	0.96	±5 %	
	500 mA	12.5-20 W	25-40 V	0.96	±5 %	
	600 mA	15-24 W	25-40 V	0.96	±5 %	
	700 mA	17.5-28 W	25-40 V	0.96	±5 %	



220-240 V	230.5 x 31 x 45.9 mm					
Model	Irated	Prated	Urangle	PF	Ripple	Certification
LWC40W1000CALR	700 mA	17.5-28 W	25-40 V	0.96	±5 %	
	800 mA	20-32 W	25-40 V	0.96	±5 %	
	900 mA	22.5-36 W	25-40 V	0.96	±5 %	
	1000 mA	25-40 W	25-40 V	0.96	±5 %	
LWC40W1050CALR	700 mA	17.5-26.6 W	25-38 V	0.96	±5 %	
	800 mA	20-30.4 W	25-38 V	0.96	±5 %	
	950 mA	23.8-36.1 W	25-38 V	0.96	±5 %	
	1050 mA	26.3-39.9 W	25-38 V	0.96	±5 %	



LV-DC LED DRIVER 48 V

□ DALI-2 DT8 for tunable white | Current adjust via DIP-SWITCH

48 V	125 x 14.5 x 10 mm				 
Model	Irated	Prated	Urange	Efficiency	
G5DDC10W250CA-T	100 mA	0.3–4 W	3–40 V	> 90 %	
	150 mA	0.45–6 W	3–40 V	> 90 %	
	200 mA	0.6–8 W	3–40 V	> 90 %	
	250 mA	0.75–10 W	3–40 V	> 90 %	



□ DALI-2 DT6 | Current adjust via DIP-SWITCH

48 V	125 x 14.5 x 10.2 mm				 
Model	Irated	Prated	Urange	Efficiency	
G5DDC10W250CA	100 mA	0.3–4 W	3–40 V	> 91 %	
	150 mA	0.45–6 W	3–40 V	> 91 %	
	200 mA	0.6–8 W	3–40 V	> 91 %	
	250 mA	0.75–10 W	3–40 V	> 91 %	



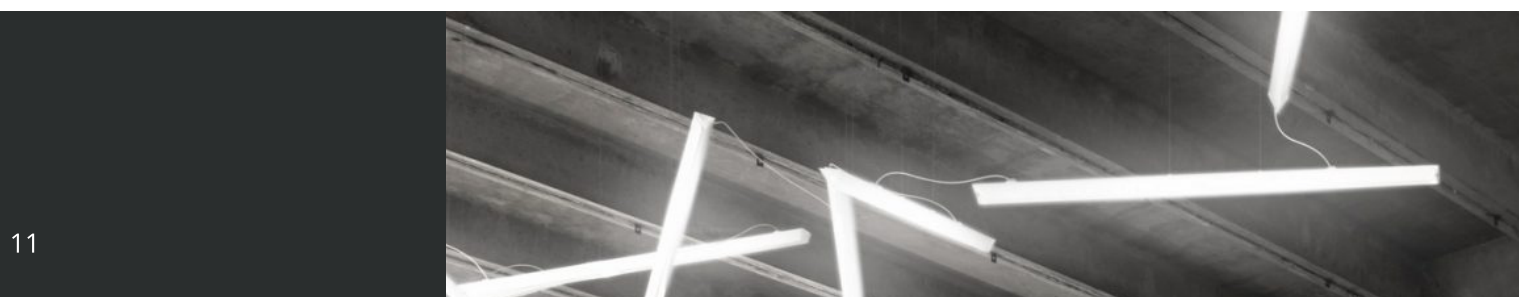
48 V	125 x 14.5 x 10.2 mm				 
Model	Irated	Prated	Urange	Efficiency	
G5DDC30W700CA	350 mA	1.1–14 W	3–40 V	> 92 %	
	500 mA	1.5–20 W	3–40 V	> 92 %	
	600 mA	1.8–24 W	3–40 V	> 92 %	
	700 mA	2.1–28 W	3–40 V	> 92 %	



□ 1 - 10 V Dimmable | Current adjust via DIP-SWITCH

48 V	125 x 14.5 x 8 mm				 
Model	Irated	Prated	Urange	Efficiency	
G5DC30W700CA-1C	350 mA	1.1–14 W	3–40 V	> 92%	
	500 mA	1.5–20 W	3–40 V	> 92%	
	600 mA	1.8–24 W	3–40 V	> 92%	
	700 mA	2.1–28 W	3–40 V	> 92%	

48 V	125 x 14.5 x 8 mm				 
Model	Irated	Prated	Urange	Efficiency	
G5DC30W700CA6-1C	200 mA	1.2–8 W	6–40 V	> 92%	
	250 mA	1.5–10 W	6–40 V	> 92%	
	350 mA	2.1–14 W	6–40 V	> 92%	
	500 mA	3–20 W	6–40 V	> 92%	
	600 mA	3.6–24 W	6–40 V	> 92%	
	700 mA	4.2–28 W	6–40 V	> 92%	



LV-DC LED DRIVER 48 V

 Non-dimmable | Current adjust via DIP-SWITCH

48 V 70 x 14.5 x 10.8 mm 

Model	Irated	Prated	Urange	Efficiency
G5DC10W250CA	100 mA	0.3–4 W	3–40 V	> 93 %
	150 mA	0.5–6 W	3–40 V	> 93 %
	200 mA	0.6–8 W	3–40 V	> 93 %
	250mA	0.8–10 W	3–40 V	> 93 %



48 V 70 x 14.5 x 10.8 mm 

Model	Irated	Prated	Urange	Efficiency
G5DC28W700CA	250 mA	0.8–10 W	3–40 V	> 92%
	350 mA	1.1–14 W	3–40 V	> 92%
	400 mA	1.2–16 W	3–40 V	> 92%
	450 mA	1.4–18 W	3–40 V	> 92%
	500 mA	1.5–20 W	3–40 V	> 92%
	550 mA	1.7–22 W	3–40 V	> 92%
	600 mA	1.8–24 W	3–40 V	> 92%
	700 mA	2.1–28 W	3–40 V	> 92%



48 V 125 x 14.5 x 8 mm 

Model	Irated	Prated	Urange	Efficiency
G5DC30W700CA	350 mA	1.1–14 W	3–40 V	> 92%
	500 mA	1.5–20 W	3–40 V	> 92%
	600 mA	1.8–24 W	3–40 V	> 92%
	700 mA	2.1–28 W	3–40 V	> 92%



48 V 70 x 14.5 x 10.8 mm 

Model	Irated	Prated	Urange	Efficiency
G5DC40W1000CA	350 mA	1.1–14 W	3–40 V	> 92%
	480 mA	1.5–19.2 W	3–40 V	> 92%
	580 mA	1.8–23.2 W	3–40 V	> 92%
	680 mA	2.1–27.2 W	3–40 V	> 92%
	700 mA	2.1–28 W	3–40 V	> 92%
	800 mA	2.4–32 W	3–40 V	> 92%
	900 mA	2.7–36 W	3–40 V	> 92%
	1000 mA	3–40 W	3–40 V	> 92%





02

Constant Current

DIMMABLE



DALI PROFESSIONAL

TUNABLE WHITE

MULTI-DIM

DALI DIM

TRAILING EDGE DIM

0/1-10 V DIM

CASAMBI

ZIGBEE

HEP GMBH

DALI PROFESSIONAL

HEPxNFC



DALI-2 | Available Versions: D4i

220-240 V 180 x 45 x 27 mm



Model	Irated	Prated	Urange	PF	Ripple	Certification
LEDC30W1050NLRZ	150-350 mA	2.3-18.9 W	15-54 V	0.95	±5 %	ENEC
	350-1050 mA	3.5-30 W	10-54 V			



220-240 V 220 x 70 x 30 mm



Model	Irated	Prated	Urange	PF	Ripple	Certification
LEDC45W1050NLRZ-x	350-1050 mA	3.5-45 W	10-54 V	0.98	±5 %	ENEC
x for blank (DALI-2), -D4i (D4i)						



220-240 V 220 x 70 x 30 mm



Model	Irated	Prated	Urange	PF	Ripple	Certification
LEDC60W1750NLRZ-x	900-1750 mA	18-60 W	20-50 V	0.98	±5 %	ENEC
x for blank (DALI-2), -D4i (D4i)						



DALI-2

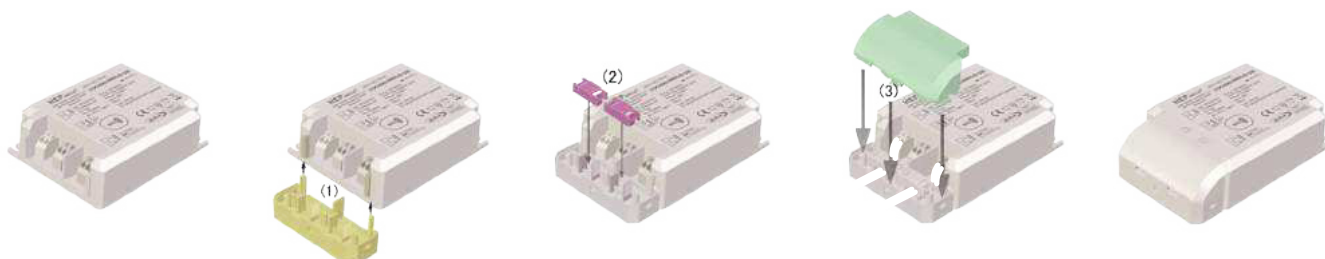
120-277 V 103.5 (123) x 79 x 30 mm



Model	Irated	Prated	Urange	PF	Ripple	Certification
LTDC50W1500NLRP UNI	500-1500 mA	10-50 W	15-50 V	0.95	±2.5 %	ENEC / cRUs



Easily transformed into independent models



TUNABLE WHITE

HEPxNFC



DALI-2 DT8 for tunable white | Independent

220-240 V	123 x 79 x 24 mm						 NFC)))
Model	Irated	Prated	Urange	PF	Ripple	Certification	
LTDC25W700NZ-T2CH	200-700 mA	5-25 W	10-60 Vdc	0.9 C	±5 %	ENEC	



220-240 V	201.6 x 58 x 30 mm						 NFC)))
Model	Irated	Prated	Urange	PF	Ripple	Certification	
LTDC45W1050NZ-T2CH	350-1050 mA	7-45 W	20-50 Vdc	0.9 C	±5 %	ENEC	



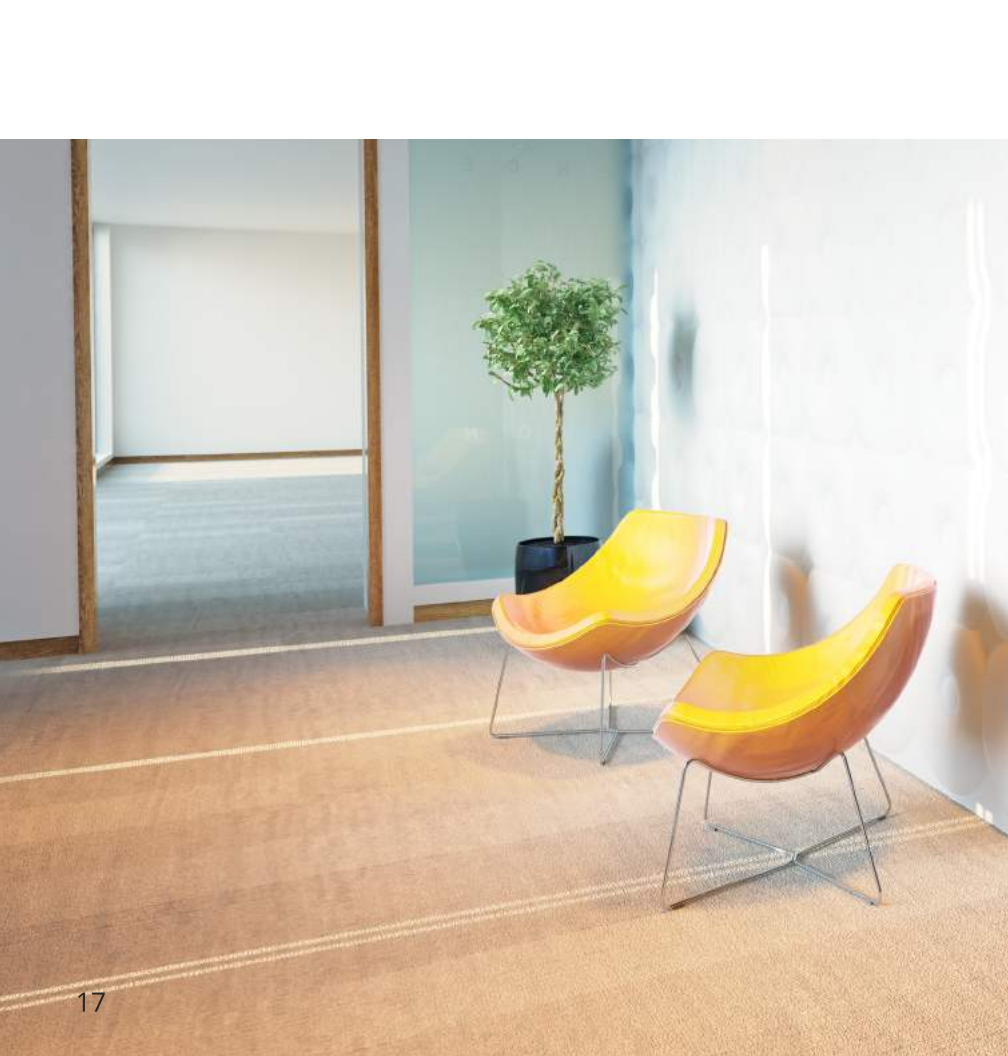
DALI-2 DT8 for tunable white | Built-in

220-240 V	360 x 30.4 x 21.5						 NFC)))
Model	Irated	Prated	Urange	PF	Ripple	Certification	
LADC45W1050N-T2CH	350-1050 mA	7-45 W	20-50 V	0.9 C	±5 %	ENEC	



220-240 V	80 x 55 x 32 mm						 NFC)))
Model	Irated	Prated	Urange	PF	Ripple	Certification	
LNDC15W700NLRP-T2CH	125-700 mA	1.9-15 W	15-54 V	0.9 C	±5 %	ENEC	





MULTI-DIM

DALI-2, Push-dim | Current adjust via DIP SWITCH

220-240 V 150 x 52 x 28 mm



Model	Irated	Prated	Urange	PF	Ripple	Certification
LLD20W700CA	250 mA	2.3-15 W	9-60 V	0.9 C	±7 %	ENEC
	350 mA	3.2-20.5 W	9-58 V	0.9 C	±7 %	ENEC
	500 mA	4.5-21 W	9-42 V	0.9 C	±7 %	ENEC
	700 mA	6.3-21 W	9-30 V	0.9 C	±7 %	ENEC



220-240 V 103 x 67 x 22 mm



Model	Irated	Prated	Urange	PF	Ripple	Certification
LLD30W900CA	300 mA	2.7-17.4 W	9-58 V	0.9 C	±7 %	ENEC
	350 mA	3.2-20.3 W	9-58 V	0.9 C	±7 %	ENEC
	400 mA	3.6-23.2 W	9-58 V	0.9 C	±7 %	ENEC
	450 mA	4.1-26.1 W	9-58 V	0.9 C	±7 %	ENEC
	500 mA	4.5-29 W	9-58 V	0.9 C	±7 %	ENEC
	550 mA	5-30 W	9-55 V	0.9 C	±7 %	ENEC
	600 mA	5.4-30 W	9-50 V	0.9 C	±7 %	ENEC
	650 mA	5.9-30 W	9-46 V	0.9 C	±7 %	ENEC
	700 mA	6.3-30 W	9-42 V	0.9 C	±7 %	ENEC
	750 mA	6.8-30 W	9-40 V	0.9 C	±7 %	ENEC
	800 mA	7.2-30 W	9-38 V	0.9 C	±7 %	ENEC
	850 mA	7.7-30 W	9-35 V	0.9 C	±7 %	ENEC
	900 mA	8.1-30 W	9-34 V	0.9 C	±7 %	ENEC



220-240 V 123 x 79 x 24 mm



Model	Irated	Prated	Urange	PF	Ripple	Certification
LLD40W1050CA	500 mA	4.5-29 W	9-58 V	0.9 C	±7 %	ENEC
	550 mA	5-31.9 W	9-58 V	0.9 C	±7 %	ENEC
	600 mA	5.4-34.8 W	9-58 V	0.9 C	±7 %	ENEC
	650 mA	5.9-37.7 W	9-58 V	0.9 C	±7 %	ENEC
	700 mA	6.3-40 W	9-58 V	0.9 C	±7 %	ENEC
	750 mA	6.8-40 W	9-53 V	0.9 C	±7 %	ENEC
	800 mA	7.2-40 W	9-50 V	0.9 C	±7 %	ENEC
	850 mA	7.7-40 W	9-47 V	0.9 C	±7 %	ENEC
	900 mA	8.1-40 W	9-45 V	0.9 C	±7 %	ENEC
	950 mA	8.6-40 W	9-42 V	0.9 C	±7 %	ENEC
	1000 mA	9-40 W	9-40 V	0.9 C	±7 %	ENEC
	1050 mA	9.5-40 W	9-38 V	0.9 C	±7 %	ENEC



220-240 V 123 x 79 x 24 mm



Model	Irated	Prated	Urange	PF	Ripple	Certification
LLD50W1400CA	700 mA	6.3-40.6 W	9-58 V	0.9 C	±7 %	ENEC
	800 mA	7.2-46.4 W	9-58 V	0.9 C	±7 %	ENEC
	900 mA	8.1-50 W	9-56 V	0.9 C	±7 %	ENEC
	1050 mA	9.5-50 W	9-48 V	0.9 C	±7 %	ENEC
	1200 mA	10.8-50 W	9-41 V	0.9 C	±7 %	ENEC
	1300 mA	11.7-50 W	9-38 V	0.9 C	±7 %	ENEC
	1400 mA	12.6-50 W	9-36 V	0.9 C	±7 %	ENEC



220-240 V 201.6 x 58 x 30 mm



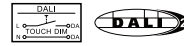
Model	Irated	Prated	Urange	PF	Ripple	Certification
LLD60W1750CA	900 mA	8.1-52.2 W	9-58 V	0.9 C	±7 %	ENEC
	1050 mA	9.5-60 W	9-58 V	0.9 C	±7 %	ENEC
	1200 mA	10.8-60 W	9-50 V	0.9 C	±7 %	ENEC
	1400 mA	12.6-60 W	9-43 V	0.9 C	±7 %	ENEC
	1750 mA	15.8-60 W	9-34 V	0.9 C	±7 %	ENEC



DALI-2 DIMMABLE

 Square shape built-in with leads out

220-240 V 69.3 x 43.5 x 24.6 mm



Model	Irated	Prated	Urange	PF	Ripple	Certification
LNDC6W120LRP	120 mA	1.8-3.6 W	15-30 V	0.85 C	±6 %	ENEC
LNDC6W150LRP	150 mA	2.3-4.5 W	15-30 V	0.85 C	±6 %	ENEC
LNDC6W200LLRP	200 mA	2.4-4 W	12-20 V	0.75 C	±6 %	ENEC
LNDC6W200LRP	200 mA	3-6 W	15-30 V	0.85 C	±6 %	ENEC
LNDC6W250LRP	250 mA	3.3-4.7 W	13-19 V	0.85 C	±6 %	ENEC
LNDC6W250HLRP	250 mA	3-5 W	12-20 V	0.80 C	±6 %	ENEC
LNDC6W300LRP	300 mA	3.9-5.7 W	13-19 V	0.85 C	±6 %	ENEC
LNDC6W300HLRP	300 mA	3.6-6 W	12-20 V	0.85 C	±6 %	ENEC
LNDC6W350LLRP	350 mA	3-4.4 W	8.5-12.5 V	0.75 C	±6 %	ENEC
LNDC6W350LRP	350 mA	4.6-6.6 W	13-19 V	0.85 C	±6 %	ENEC



220-240 V 69.3 x 43.5 x 24.6 mm



Model	Irated	Prated	Urange	PF	Ripple	Certification
LNDC10W120HLRP	120 mA	3,6-5 W	30-42 V	0.85 C	±6 %	ENEC
LNDC10W150HLRP	150 mA	4,5-6,3 W	30-42 V	0.85 C	±6 %	ENEC
LNDC10W200LRP	200 mA	4-5.8 W	20-29 V	0.9 C	±6 %	ENEC
LNDC10W200HLRP	200 mA	6-8,4 W	30-42 V	0.85 C	±6 %	ENEC
LNDC10W250HLRP	250 mA	7-10 W	28-40 V	0,9 C	±6 %	ENEC
LNDC10W300LRP	300 mA	6-8.7 W	20-29 V	0.9 C	±6 %	ENEC
LNDC10W350LLRP	350 mA	4.6-7.3 W	13-21 V	0.85 C	±6 %	ENEC
LNDC10W350LRP	350 mA	7-10.1 W	20-29 V	0.9 C	±6 %	ENEC
LNDC10W400LRP	400 mA	5.6-8 W	14-20 V	0.9 C	±6 %	ENEC
LNDC10W450LRP	450 mA	6.3-9 W	14-20 V	0.9 C	±6 %	ENEC
LNDC10W500LRP	500 mA	7-10 W	14-20 V	0.9 C	±6 %	ENEC



220-240 V 88 x 45 x 25 mm



Model	Irated	Prated	Urange	PF	Ripple	Certification
LNDC15W180LRP	180 mA	5.4-7.7 W	30-43 V	0.9 C	±5 %	ENEC
LNDC15W200LRP	200 mA	6-8.6 W	30-43 V	0.9 C	±5 %	ENEC
LNDC15W250LRP	250 mA	7.5-10.7 W	30-43 V	0.9 C	±5 %	ENEC
LNDC15W300LRP	300 mA	9-12.9 W	30-43 V	0.9 C	±5 %	ENEC
LNDC15W350LRP	350 mA	10.5-15 W	30-43 V	0.9 C	±5 %	ENEC



220-240 V 88 x 45 x 25 mm



Model	Irated	Prated	Urange	PF	Ripple	Certification
LNDC20W200LRP	200 mA	8-11.6 W	40-58 V	0.9 C	±5 %	ENEC
LNDC20W300LRP	300 mA	12-17.4 W	40-58 V	0.9 C	±5 %	ENEC
LNDC20W350LRP	350 mA	14-20.3 W	40-58 V	0.9 C	±5 %	ENEC
LNDC20W400LRP	400 mA	11.2-16 W	28-40 V	0.9 C	±5 %	ENEC
LNDC20W450LRP	450 mA	12.6-18 W	28-40 V	0.9 C	±5 %	ENEC
LNDC20W500LRP	500 mA	14-20 W	28-40 V	0.9 C	±5 %	ENEC
LNDC20W550LRP	550 mA	11-15.9 W	20-29 V	0.9 C	±5 %	ENEC
LNDC20W600LRP	600 mA	12-17.4 W	20-29 V	0.9 C	±5 %	ENEC
LNDC20W700LRP	700 mA	14-20.3 W	20-29 V	0.9 C	±5 %	ENEC



220-240 V 96 x 55 x 32 mm



Model	Irated	Prated	Urange	PF	Ripple	Certification
LNDC30W400LRP	400 mA	14.4-21.6 W	36-54 V	0.9 C	±5 %	ENEC
LNDC30W450LRP	450 mA	16.2-24.3 W	36-54 V	0.9 C	±5 %	ENEC
LNDC30W500LRP	500 mA	18-27 W	36-54 V	0.9 C	±5 %	ENEC
LNDC30W550LRP	550 mA	16.5-23.1 W	30-42 V	0.9 C	±5 %	ENEC
LNDC30W600LRP	600 mA	18-25.2 W	30-42 V	0.9 C	±5 %	ENEC
LNDC30W700LRP	700 mA	21-29.4 W	30-42 V	0.9 C	±5 %	ENEC
LNDC30W800LRP	800 mA	16.8-24 W	21-30 V	0.9 C	±5 %	ENEC
LNDC30W900LRP	900 mA	18.9-27 W	21-30 V	0.9 C	±5 %	ENEC
LNDC30W1000LRP	1000 mA	21-30 W	21-30 V	0.9 C	±5 %	ENEC



DALI-2 DIMMABLE

220-240 V

96 x 55 x 32 mm



Model	Irated	Prated	Urangle	PF	Ripple	Certification
LNDC40W500LRP	500 mA	20-28.5 W	40-57 V	0.9 C	±5 %	ENEC
LNDC40W600LRP	600 mA	24-34.2 W	40-57 V	0.9 C	±5 %	ENEC
LNDC40W700LRP	700 mA	28-39.9 W	40-57 V	0.9 C	±5 %	ENEC
LNDC40W800LRP	800 mA	24-35.2 W	30-44 V	0.9 C	±5 %	ENEC
LNDC40W850LRP	850 mA	25.5-37.4 W	30-44 V	0.9 C	±5 %	ENEC
LNDC40W900LRP	900 mA	27-39.6 W	30-44 V	0.9 C	±5 %	ENEC
LNDC40W950LRP	950 mA	25.7-36.1 W	27-38 V	0.9 C	±5 %	ENEC
LNDC40W1000LRP	1000 mA	27-38 W	27-38 V	0.9 C	±5 %	ENEC
LNDC40W1050LRP	1050 mA	28.4-39.9 W	27-38 V	0.9 C	±5 %	ENEC



TRAILING EDGE DIMMABLE

□ Square shape built-in with leads out

220-240 V	63.3 x 40 x 23 mm						
Model	Irated	Prated	Urangle	PF	Ripple	Certification	
LNTC6W120LR	120 mA	2.2-3.6 W	18-30 V	0.9 C	±5 %	ENEC	
LNTC6W150LR	150 mA	2.5-4.5 W	16.5-30 V	0.9 C	±5 %	ENEC	
LNTC6W200LR	200 mA	3.3-6 W	16.5-30 V	0.9 C	±5 %	ENEC	
LNTC6W250LR	250 mA	2.5-4.2 W	10-17 V	0.9 C	±5 %	ENEC	
LNTC6W300LR	300 mA	3-5.1 W	10-17 V	0.9 C	±5 %	ENEC	
LNTC6W350LR	350 mA	3.5-5.9 W	10-17 V	0.9 C	±5 %	ENEC	
LNTC6W400LR	400 mA	2.8-5.2 W	7-13 V	0.9 C	±5 %	ENEC	
LNTC6W450LR	450 mA	3.2-5.8 W	7-13 V	0.9 C	±5 %	ENEC	
LNTC6W500LR	500 mA	3.5-6.5 W	7-13 V	0.9 C	±5 %	ENEC	
LNTC6W700LR	700 mA	3.4-6 W	4.8-8.6 V	0.9 C	±5 %	ENEC	



220-240 V	69.3 x 43.5 x 24.6 mm						
Model	Irated	Prated	Urangle	PF	Ripple	Certification	
LNTC10W200LR	200 mA	3.2-5.8 W	16-29 V	0.9 C	±5 %	ENEC	
LNTC10W200HLR	200 mA	6-8.4 W	30-42 V	0.9 C	±5 %		
LNTC10W300LR	300 mA	4.8-8.7 W	16-29 V	0.9 C	±5 %	ENEC	
LNTC10W350LLR	350 mA	4.5-9.1 W	13-26 V	0.9 C	±5 %		
LNTC10W350LR	350 mA	5.6-10.1 W	16-29 V	0.9 C	±5 %	ENEC	
LNTC10W400LR	400 mA	4.4-8 W	11-20 V	0.9 C	±5 %	ENEC	
LNTC10W450LR	450 mA	5-9 W	11-20 V	0.9 C	±5 %	ENEC	
LNTC10W500LR	500 mA	5.5-10 W	11-20 V	0.9 C	±5 %	ENEC	
LNTC10W550LR	550 mA	4.4-7.7 W	8-14 V	0.9 C	±5 %	ENEC	
LNTC10W600LR	600 mA	4.8-8.4 W	8-14 V	0.9 C	±5 %	ENEC	
LNTC10W700LR	700 mA	5.6-9.8 W	8-14 V	0.9 C	±5 %	ENEC	



220-240 V	78 x 43.5 x 26 mm						
Model	Irated	Prated	Urangle	PF	Ripple	Certification	
LNTC15W180LR	180 mA	5.4-7.2 W	30-40 V	0.9 C	±5 %	ENEC	
LNTC15W200LR	200 mA	6-8 W	30-40 V	0.9 C	±5 %	ENEC	
LNTC15W250LR	250 mA	7.5-10 W	30-40 V	0.9 C	±5 %	ENEC	
LNTC15W300LR	300 mA	9-12 W	30-40 V	0.9 C	±5 %	ENEC	
LNTC15W350LR	350 mA	10.5-14 W	30-40 V	0.9 C	±5 %	ENEC	



220-240 V	78 x 43.5 x 26 mm						
Model	Irated	Prated	Urangle	PF	Ripple	Certification	
LNTC20W250LRP	250 mA	8.5-14.2 W	34-57 V	0.9 C	±5 %	ENEC	
LNTC20W300LRP	300 mA	10.2-17.1 W	34-57 V	0.9 C	±5 %	ENEC	
LNTC20W350LRP	350 mA	11.9-19.9 W	34-57 V	0.9 C	±5 %	ENEC	
LNTC20W400LRP	400 mA	8.8-16.4 W	22-41 V	0.9 C	±5 %	ENEC	
LNTC20W450LRP	450 mA	9.9-18.4 W	22-41 V	0.9 C	±5 %	ENEC	
LNTC20W500LRP	500 mA	11-20.5 W	22-41 V	0.9 C	±5 %	ENEC	
LNTC20W550LRP	550 mA	9.4-15.9 W	17-29 V	0.9 C	±5 %	ENEC	
LNTC20W600LRP	600 mA	10.2-17.4 W	17-29 V	0.9 C	±5 %	ENEC	
LNTC20W700LRP	700 mA	11.9-20.3 W	17-29 V	0.9 C	±5 %	ENEC	



220-240 V	89 x 45 x 32 mm						
Model	Irated	Prated	Urangle	PF	Ripple	Certification	
LNTC30W400LRP	400 mA	14.4-24 W	36-60 V	0.9 C	±5 %	ENEC	
LNTC30W450LRP	450 mA	16.2-27 W	36-60 V	0.9 C	±5 %	ENEC	
LNTC30W500LRP	500 mA	18-30 W	36-60 V	0.9 C	±5 %	ENEC	
LNTC30W550LRP	550 mA	13.8-23.1 W	25-42 V	0.9 C	±5 %	ENEC	
LNTC30W600LRP	600 mA	15-25.2 W	25-42 V	0.9 C	±5 %	ENEC	
LNTC30W700LRP	700 mA	17.5-29.4 W	25-42 V	0.9 C	±5 %	ENEC	
LNTC30W800LRP	800 mA	14.4-24 W	18-30 V	0.9 C	±5 %	ENEC	
LNTC30W900LRP	900 mA	16.2-27 W	18-30 V	0.9 C	±5 %	ENEC	
LNTC30W1000LRP	1000 mA	18-30 W	18-30 V	0.9 C	±5 %	ENEC	



TRAILING EDGE DIMMABLE

220-240 V

96 x 55 x 32 mm



Model	Irated	Prated	Urangle	PF	Ripple	Certification
LNTC40W500LRP	500 mA	17.5-28.5 W	35-57 Vdc	0.9 C	±5 %	ENEC
LNTC40W600LRP	600 mA	21-34.2 W	35-57 Vdc	0.9 C	±5 %	ENEC
LNTC40W700LRP	700 mA	24.5-39.9 W	35-57 Vdc	0.9 C	±5 %	ENEC
LNTC40W800LRP	800 mA	20.8-35.2 W	26-44 Vdc	0.9 C	±5 %	ENEC
LNTC40W850LRP	850 mA	22.1-37.4 W	26-44 Vdc	0.9 C	±5 %	ENEC
LNTC40W900LRP	900 mA	23.4-39.6 W	26-44 Vdc	0.9 C	±5 %	ENEC
LNTC40W950LRP	950 mA	20.9-36.1 W	22-38 Vdc	0.9 C	±5 %	ENEC
LNTC40W1000LRP	1000 mA	22-38 W	22-38 Vdc	0.9 C	±5 %	ENEC
LNTC40W1050LRP	1050 mA	23.1-39.9 W	22-38 Vdc	0.9 C	±5 %	ENEC



Mini built-in with leads out

220-240 V

49 x 27.2 x 20 mm



Model	Irated	Prated	Urangle	PF	Ripple	Certification
LSTC7W150LRP	150 mA	3.8-6.3 W	25-42 V	0.9 C	±10 %	
LSTC7W200LRP	200 mA	4.2-7 W	21-35 V	0.9 C	±10 %	
LSTC7W250LRP	250 mA	4-6.5 W	16-26 V	0.9 C	±8 %	
LSTC7W300LRP	300 mA	4.2-7.2 W	14-24 V	0.9 C	±8 %	
LSTC7W350LRP	350 mA	4.2-7.3 W	12-21 V	0.9 C	±8 %	
LSTC7W500LRP	500 mA	3.3-6.5 W	6.5-13 V	0.9 C	±8 %	
LSTC7W630LRP	630 mA	3.8-6.3 W	6-10 V	0.9 C	±8 %	
LSTC7W700LRP	700 mA	4.2-7 W	6-10 V	0.9 C	±8 %	



TRAILING EDGE DIMMABLE

Round shape built-in with leads out

220–240 V Ø 44.3 x 25 mm 

Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5RT7W150LRP	150 mA	4.5–6.3 W	30–42 V	0.9 C	±5 %	ENEC
G5RT7W350LRP	350 mA	4.2–7.7 W	12–22 V	0.9 C	±5 %	ENEC
G5RT7W500LRP	500 mA	4.5–6.5 W	9–13 V	0.9 C	±5 %	ENEC
G5RT7W700LRP	700 mA	4.2–6.3 W	6–9 V	0.9 C	±5 %	ENEC



220–240 V Ø 48 x 25 mm 

Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5RT10W200LRP	200 mA	6–8.4 W	30–42 V	0.9 C	±5 %	ENEC
G5RT10W250LRP	250 mA	7.5–10.5 W	30–42 V	0.9 C	±5 %	ENEC
G5RT10W350LRP	350 mA	4.6–9.1 W	13–26 V	0.9 C	±5 %	ENEC
G5RT10W500LRP	500 mA	6–10 W	12–20 V	0.9 C	±5 %	ENEC
G5RT10W700LRP	700 mA	6–9 W	8.6–12.9 V	0.9 C	±5 %	ENEC



220–240 V Ø 48 x 25 mm 

Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5RT15W300LRP	300 mA	7.8–12.9 W	26–43 V	0.9 C	±4 %	ENEC
G5RT15W350LRP	350 mA	9.1–15 W	26–43 V	0.9 C	±4 %	ENEC
G5RT15W500LRP	500 mA	9–15 W	18–30 V	0.9 C	±4 %	ENEC
G5RT15W700LRP	700 mA	9.1–14.7 W	13–21 V	0.9 C	±4 %	ENEC



220–240 V Ø 55 x 22 mm 

Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5RT20W500LRP	500 mA	12.5–21 W	25–42 V	0.9 C	±5 %	ENEC



220–240 V Ø 65 x 30 mm 

Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5RT30W600LRP	600 mA	15–25.2 W	25–42 V	0.9 C	±5 %	ENEC
G5RT30W700LRP	700 mA	17.5–29.4 W	25–42 V	0.9 C	±5 %	ENEC
G5RT30W800LRP	800 mA	20–32 W	25–40 V	0.9 C	±5 %	ENEC



100–120 V Ø 55 x 22 mm 

Model	Irated	Prated	Urangle	PF	Ripple	Certification
LRTC9W200 120V	200 mA	6.6–8 W	33–40 V	0.9 C	±20 %	cRUus
LRTC9W350 120V	350 mA	6.5–9 W	18–26 V	0.9 C	±20 %	cRUus
LRTC9W500 120V	500 mA	6–9.25 W	13–18.5 V	0.9 C	±20 %	cRUus
LRTC9W700 120V	700 mA	7–9 W	10–13 V	0.9 C	±20 %	cRUus



100–120 V Ø 65 x 27 mm 

Model	Irated	Prated	Urangle	PF	Ripple	Certification
LRTC13W350 120V	350 mA	9–14 W	25–40 V	0.9 C	±20 %	cRUus
LRTC13W500 120V	500 mA	9–13 W	18–26 V	0.9 C	±20 %	cRUus
LRTC13W700 120V	700 mA	9–13 W	13–18.5 V	0.9 C	±20 %	cRUus



TRAILING EDGE DIMMABLE

Round shape independent | class II

220-240 V

Ø 48 x 25 mm



Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5RT7W150LR-S	150 mA	4.5-6.3 W	30-42 V	0.9 C	±5 %	
G5RT7W350LR-S	350 mA	4.2-7.7 W	12-22 V	0.9 C	±5 %	
G5RT7W500LR-S	500 mA	4.5-6.5 W	9-13 V	0.9 C	±5 %	
G5RT7W700LR-S	700 mA	4.2-6.3 W	6-9 V	0.9 C	±5 %	



Independent with terminals

220-240 V

85 x 40.4 x 22 mm



Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5LT7W150LR-Z	150 mA	4.5-6.3 W	30-42 V	0.9 C	±5 %	ENEC
G5LT7W350LR-Z	350 mA	4.2-7.35 W	12-21 V	0.9 C	±5 %	ENEC
G5LT7W500LR-Z	500 mA	4.5-7 W	9-14 V	0.9 C	±5 %	ENEC
G5LT7W700LR-Z	700 mA	4.2-7 W	6-10 V	0.9 C	±5 %	ENEC



220-240 V

85 x 40.4 x 22 mm



Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5LT10W200LR-Z	200 mA	6-8.4 W	30-42 V	0.9 C	±5 %	ENEC
G5LT10W250LR-Z	250 mA	7.5-10.5 W	30-42 V	0.9 C	±5 %	ENEC
G5LT10W350LR-Z	350 mA	4.55-9.1 W	13-26 V	0.9 C	±5 %	ENEC
G5LT10W500LR-Z	500 mA	6-10 W	12-20 V	0.9 C	±5 %	ENEC
G5LT10W700LR-Z	700 mA	6-9 W	8.6-12.9 V	0.9 C	±5 %	ENEC



220-240 V

85 x 40.4 x 22 mm



Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5LT15W300LR-Z	300 mA	7.8-12.9 W	26-43 V	0.9 C	±5 %	ENEC
G5LT15W350LR-Z	350 mA	9.1-15 W	26-43 V	0.9 C	±5 %	ENEC
G5LT15W500LR-Z	500 mA	9-15 W	18-30 V	0.9 C	±5 %	ENEC
G5LT15W700LR-Z	700 mA	9.1-14.7 W	13-21 V	0.9 C	±5 %	ENEC



TRAILING EDGE DIMMABLE

 Cube Power | high performance | independent | screwless

220-240 V		115 x 41 x 25 mm					
Model	Irated	Prated	Urange	PF	Ripple	Certification	
LETC10W200LR-Z	200 mA	5-8.2 W	25-42 V	0.9 C	±5 %	ENEC	
LETC10W250LR-Z	250 mA	6.3-10.5 W	25-42 V	0.9 C	±5 %	ENEC	
LETC10W300LR-Z	300 mA	3.9-7.8 W	13-26 V	0.9 C	±5 %	ENEC	
LETC10W350LR-Z	350 mA	4.6-9.1 W	13-26 V	0.9 C	±5 %	ENEC	
LETC10W450LR-Z	450 mA	5.4-9.4 W	12-21 V	0.9 C	±5 %	ENEC	
LETC10W500LR-Z	500 mA	6-10.5 W	12-21 V	0.9 C	±5 %	ENEC	



220-240 V		115 x 41 x 25 mm					
Model	Irated	Prated	Urange	PF	Ripple	Certification	
LETC15W300LR-Z	300 mA	7.5-12.6 W	25-42 V	0.9 C	±5 %	ENEC	
LETC15W350LR-Z	350 mA	8.8-14.7 W	25-42 V	0.9 C	±5 %	ENEC	
LETC15W450LR-Z	450 mA	7.7-13.5 W	17-30 V	0.9 C	±5 %	ENEC	
LETC15W500LR-Z	500 mA	8.5-15 W	17-30 V	0.9 C	±5 %	ENEC	



220-240 V		115 x 41 x 25 mm					
Model	Irated	Prated	Urange	PF	Ripple	Certification	
LETC20W350LR-Z	350 mA	11.2-18.9 W	32-54 V	0.9 C	±4 %	ENEC	
LETC20W500LR-Z	500 mA	12.5-21 W	25-42 V	0.9 C	±4 %	ENEC	
LETC20W700LR-Z	700 mA	12.6-18.2 W	18-26 V	0.9 C	±4 %	ENEC	



220-240 V		145 x 40 x 30 mm					
Model	Irated	Prated	Urange	PF	Ripple	Certification	
LETC32W600LR-Z	600 mA	15-25.2 W	25-42 V	0.9 C	±5 %	ENEC	
LETC32W700LR-Z	700 mA	17.5-29.4 W	25-42 V	0.9 C	±5 %	ENEC	
LETC32W800LR-Z	800 mA	20-32 W	25-40 V	0.9 C	±5 %	ENEC	



220-240 V		145 x 40 x 30 mm					
Model	Irated	Prated	Urange	PF	Ripple	Certification	
LETC42W700LR-Z	700 mA	22.4-37.8 W	32-54 V	0.9 C	±4 %	ENEC	
LETC42W900LR-Z	900 mA	22.5-36 W	25-40 V	0.9 C	±4 %	ENEC	
LETC42W1000LR-Z	1000 mA	25-40 W	25-40 V	0.9 C	±4 %	ENEC	
LETC42W1050LR-Z	1050 mA	26.3-42 W	25-40 V	0.9 C	±4 %	ENEC	



0/1-10 V DIMMABLE

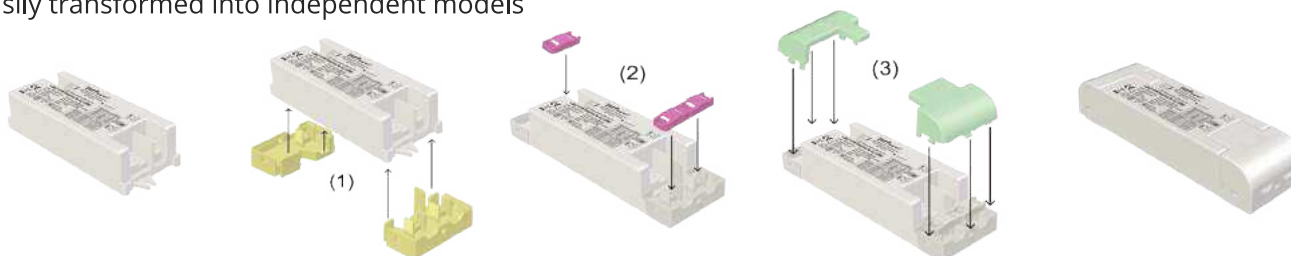
Independent | built-in with terminals | current adjust via DIP SWITCH

120-277 V 112.8 (141.8) x 43.8 x 30 mm  

Model	Irated	Prated	Urangle	PF	Ripple	Certification
LBC10W300CALR-1C UNI	200 mA	5.2-8.4 W	26-42 V	0.9 C	±5 %	ENEC
	250 mA	8.5-10.5 W	26-42 V			
	280 mA	7.3-11.7 W	26-42 V			
	300 mA	7.8-12.6 W	26-42 V			
LBC10W700CALR-1C UNI	350 mA	5.1-10.1 W	15-29 V	0.9 C	±5 %	ENEC
	500 mA	7.5-10 W	15-20 V			
	550 mA	8.3-9.9 W	15-18 V			
	700 mA	4.2-9.1 W	6-13 V			
LBC20W700CALR-1C UNI	350 mA	6.3-18.2 W	18-52 V	0.9 C	±5 %	ENEC
	500 mA	9-20 W	18-40 V			
	500 mA	9.9-19.8 W	18-36 V			
	700 mA	12.6-19.6 W	18-28 V			



Easily transformed into independent models



120-277 V 103.5 (123) x 79 x 30 mm  

Model	Irated	Prated	Urangle	PF	Ripple	Certification
LTC40W1000CALR-1C UNI	700 mA	19.6-36.4 W	28-52 V	0.9 C	±5 %	
	800 mA	22.4-40 W	28-50 V			
	900 mA	25.2-39.6 W	28-44 V			
	1000 mA	28-40 W	28-40 V			
LTC40W1400CALR-1C UNI	1100 mA	15.4-39.6 W	14-36 V	0.9 C	±5 %	
	1200 mA	16.8-39.6 W	14-33 V			
	1300 mA	18.2-40.3 W	14-31 V			
	1400 mA	19.6-40.6 W	14-29 V			

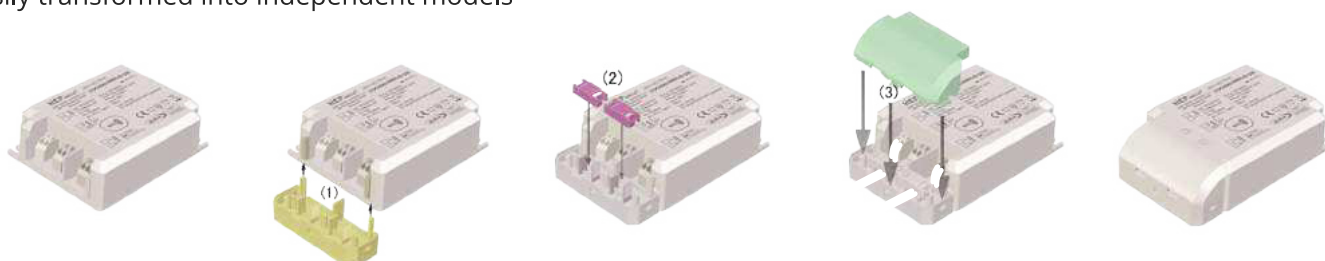


120-277 V 103.5 (123) x 79 x 30 mm  

Model	Irated	Prated	Urangle	PF	Ripple	Certification
LTC60W1100CALR-1C UNI	950 mA	19-49.4 W	20-52 V	0.9 C	±5 %	
	1000 mA	20-52 W	20-52 V			
	1050 mA	21-54.6 W	20-52 V			
	1100 mA	22-57.2 W	20-52 V			
LTC60W1500CALR-1C UNI	1200 mA	30-50.4 W	25-42 V	0.9 C	±5 %	
	1300 mA	32.5-54.6 W	25-42 V			
	1400 mA	35-58.8 W	25-42 V			
	1500 mA	37.5-60 W	25-40 V			



Easily transformed into independent models



BUILT-IN / INDEPENDENT DRIVER



Current adjust via NFC | wireless control | single channel

220-240 V 112.8 (141.8) x 43.8 x 30 mm



Model	Irated	Prated	Urange	PF	Ripple
LLWC12W300NLR	150-300 mA	1.5-12 W	10-40 V	0.9 C	±5 %
LLWC25W600NLR	350-600 mA	3.5-25.2 W	10-42 V	0.9 C	±5 %



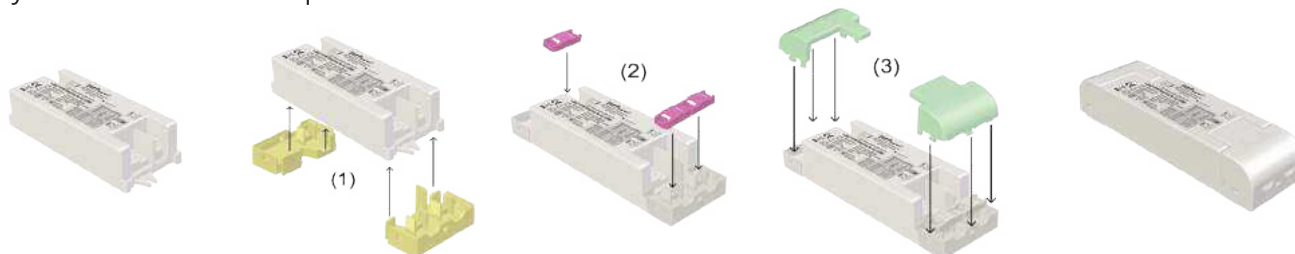
Current adjust via NFC | wireless control | tunable white

220-240 V 112.8 (141.8) x 43.8 x 30 mm



Model	Irated	Prated	Urange	PF	Ripple
LLWC12W300NLR-T	150-300 mA	1.5-12 W	10-40 V	0.9 C	±5 %

Easily transformed into independent models



Current adjust via NFC | wireless control | single channel

220-240 V 103.5 (123) x 79 x 30 mm



Model	Irated	Prated	Urange	PF	Ripple
LTWC40W1050NLR	500-1050 mA	5-42 W	10-42 V	0.9 C	±5 %



Easily transformed into independent models



WIRELESS CONTROL



External RF module allows 3 dimming options for just one driver

220-240 V		43 x 37.6 x 12 mm	
Model		APP	
WBSB	Single Channel	TUYA Bluetooth	Smart Life
WZSB		TUYA ZigBee	Smart Life
WBSD		CASAMBI	CASAMBI

only suitable for LLWC12/25 & LTWC40

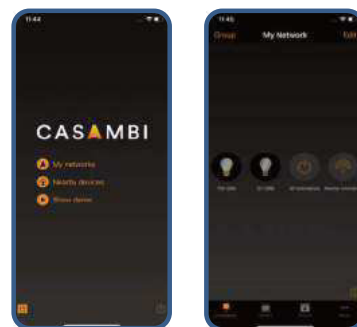
220-240 V		43 x 37.6 x 12 mm	
Model		APP	
WBDB	Tunable white	TUYA Bluetooth	Smart Life
WZDB		TUYA ZigBee	Smart Life
WBDD		CASAMBI	CASAMBI

only suitable for LLWC12W300NLR-T



LIGHTING CONTROL APP

CASAMBI



ZIGBEE (TUYA)

Tuya(Smart Life)



Apps can be downloaded on Apple Store and Google Play Store for iOS and Android. You can either search for the App names or scan the QR codes above.

NFC

Use NFC technology to quickly change the driver current, reduce the burden on the engineer and to set the color tuning range.

Further information and links to downloads can be found on the website.

HEPxNFC



Smartphone App for Android and iOS

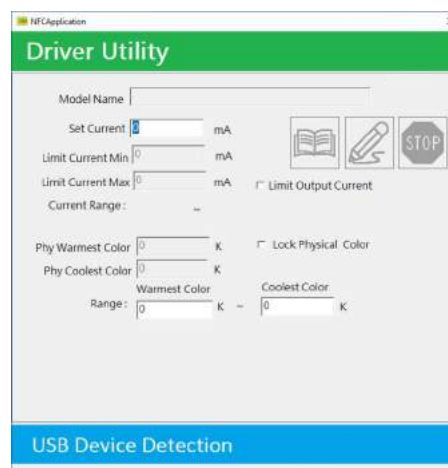


NFCApplication

Desktop application for Windows



SANF-G



Compatible LED Driver

View all compatible NFC LED Driver. You will be redirected to our appropriate product page.





03

Constant Current

NON-DIMMABLE



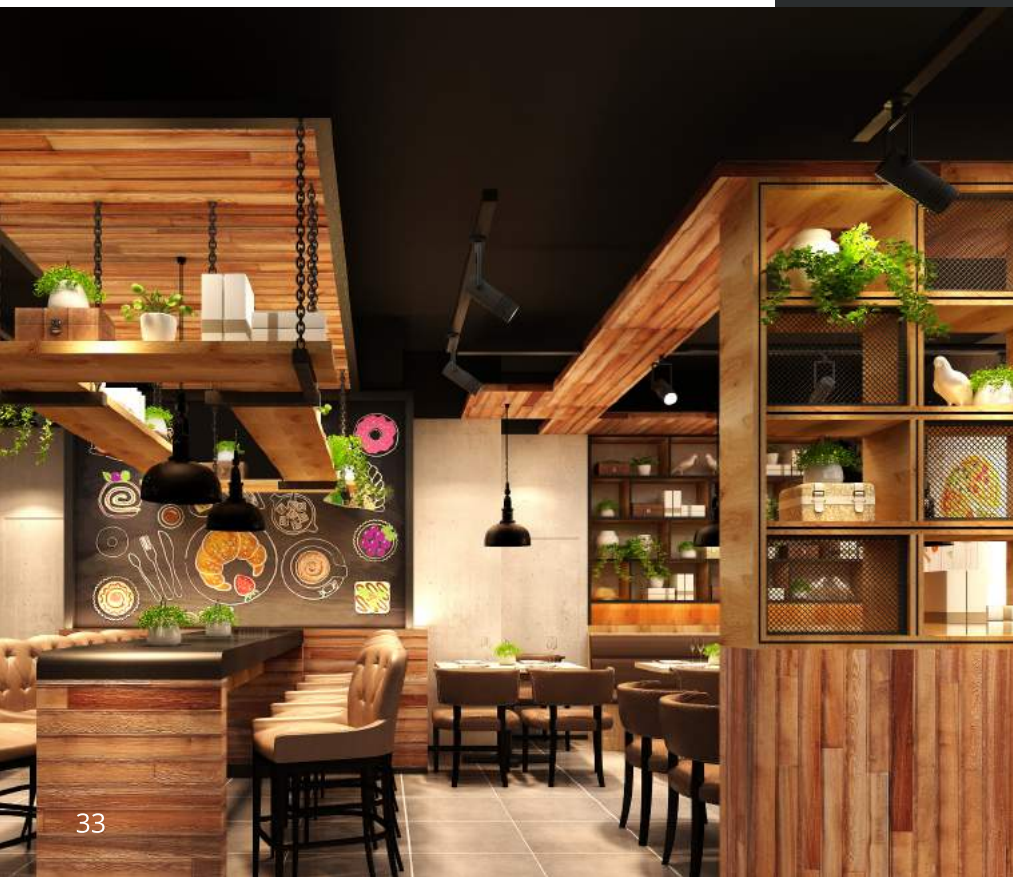
INTELLIGENT TYPES

MINI TYPES

REGULAR TYPES

CUBE POWER SERIES

HEP GMBH



INTELLIGENT TYPE

HEPxNFC



 Independent with terminal | Current adjust via NFC

220-240 V

NFC

Model	Irated	Prated	Urange	PF	Ripple	Certification	Dimension
LMC10W700NLR-Z	250–700 mA	0.75–10.5 W	3–30 V	0.9 C	±5 %		85 x 40.4 x 22 mm



MINI TYPES

Round shape built-in with leads out

220-240 V	Ø 48 x 22 mm					
Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5R10W200LRP	200 mA	6-9 W	30-42 V	0.9 C	±4 %	ENEC
G5R10W250LRP	250 mA	7.5-10 W	30-42 V	0.9 C	±4 %	ENEC
G5R10W350LRP	350 mA	4.6-10 W	13-26 V	0.9 C	±4 %	ENEC
G5R10W500LRP	500 mA	6-10 W	12-20 V	0.9 C	±4 %	ENEC
G5R10W700LRP	700 mA	6-10 W	8.6-12.9 V	0.9 C	±4 %	ENEC



220-240 V	Ø 48 x 22 mm					
Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5R15W300LRP	300 mA	7.5-13 W	26-43 V	0.9 C	±5 %	ENEC
G5R15W350LRP	350 mA	9-15 W	26-43 V	0.9 C	±5 %	ENEC
G5R15W500LRP	500 mA	9-15 W	18-30 V	0.9 C	±5 %	ENEC
G5R15W700LRP	700 mA	9-15 W	13-21 V	0.9 C	±5 %	ENEC



220-240 V	Ø 55 x 22 mm					
Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5R20W500LRP	500 mA	15-21 W	30-42 V	0.9 C	±4 %	ENEC



220-240 V	Ø 65 x 27 mm					
Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5R30W600LRP	600 mA	18-25 W	30-42 V	0.9 C	±2.5 %	ENEC
G5R30W700LRP	700 mA	21-29.5 W	30-42 V	0.9 C	±2.5 %	ENEC
G5R30W800LRP	800 mA	24-32 W	30-40 V	0.9 C	±2.5 %	ENEC



Square shape built-in with leads out

100-240 V	49 x 27.2 x 20 mm					
Model	Irated	Prated	Urangle	PF	Ripple	Certification
LSC4W200LRP UNI	200 mA	2.6-3.5 W	13-17.5 V	0.45 C	±5 %	ENEC
LSC4W350LRP UNI	350 mA	1.0-3.3 W	2.7-9.5 V	0.45 C	±5 %	ENEC
LSC4W500LRP UNI	500 mA	1.4-3.2 W	2.7-6.5 V	0.45 C	±5 %	ENEC
LSC4W700LRP UNI	700 mA	1.9-3.1 W	2.7-4.5 V	0.45 C	±5 %	ENEC



220-240 V	49 x 27.2 x 20 mm					
Model	Irated	Prated	Urangle	PF	Ripple	Certification
LSC7W150LRP UNI	150 mA	3.8-6.3 W	25-42 V	0.9 C	±7 %	ENEC
LSC7W200LRP UNI	200 mA	4-7.2 W	20-36 V	0.9 C	±6 %	ENEC
LSC7W250LRP UNI	250 mA	4-6 W	16-24 V	0.9 C	±6 %	ENEC
LSC7W300LRP UNI	300 mA	3.6-6.3 W	12-21 V	0.9 C	±5 %	ENEC
LSC7W350LRP UNI	350 mA	4.2-7.3 W	12-21 V	0.9 C	±5 %	ENEC
LSC7W500LRP UNI	500 mA	3-6.5 W	6-13 V	0.9 C	±5 %	ENEC
LSC7W630LRP UNI	630 mA	3.5-7.2 W	5.5-11.5 V	0.9 C	±5 %	ENEC
LSC7W700LRP UNI	700 mA	3.5-7 W	5-10 V	0.9 C	±5 %	ENEC



MINI TYPES

100-277 V 60 x 40 x 24 mm

Model	Irated	Prated	Urangle	PF	Ripple	Certification
LSC9W300LRP UNI	300 mA	4.2-8.2 W	14-27.5 V	0.9 C	±5 %	ENEC
LSC9W350LRP UNI	350 mA	3.9-8.4 W	11-24 V	0.9 C	±5 %	ENEC
LSC9W480LRP UNI	480 mA	3.9-10 W	8-21 V	0.9 C	±5 %	ENEC
LSC9W500LRP UNI	500 mA	5-10 W	10-20 V	0.9 C	±5 %	ENEC
LSC9W700LRP UNI	700 mA	4.2-9.1 W	6-13 V	0.9 C	±5 %	ENEC



100-277 V 63.3 x 40 x 23 mm

Model	Irated	Prated	Urangle	PF	Ripple	Certification
LSC15W350LRP UNI	350 mA	8.1-15 W	23-43 V	0.9 C	±5 %	ENEC
LSC15W500LRP UNI	500 mA	9-15 W	18-30 V	0.9 C	±5 %	ENEC
LSC15W700LRP UNI	700 mA	8.4-15.4 W	12-22 V	0.9 C	±5 %	ENEC



100-277 V 69.3 x 43.5 x 24.6 mm

Model	Irated	Prated	Urangle	PF	Ripple	Certification
LSC20W250LRP UNI	250 mA	8-13.7 W	32-55 V	0.85 C	±5 %	ENEC
LSC20W350LRP UNI	350 mA	11.2-19.2 W	32-55 V	0.9 C	±5 %	ENEC
LSC20W500LRP UNI	500 mA	12-22.5 W	24-45 V	0.9 C	±5 %	ENEC
LSC20W700LRP UNI	700 mA	10.5-19.6 W	15 - 28 V	0.9 C	±5 %	ENEC
LSC20W500LLRP UNI	500 mA	9-15 W	18-30 V	0.9 C	±5 %	ENEC



220-240 V 89 x 45 x 32 mm

Model	Irated	Prated	Urangle	PF	Ripple	Certification
G5S40W700LRP	700 mA	21-29.5 W	30-42 V	0.9 C	±3 %	ENEC
G5S40W800LRP	800 mA	24-33.5 W	30-42 V	0.9 C	±3 %	ENEC
G5S40W900LRP	900 mA	27-38 W	30-42 V	0.9 C	±3 %	ENEC
G5S40W1050LRP	1050 mA	31.5-42 W	30-40 V	0.9 C	±3 %	ENEC



REGULAR TYPES

Independent | built-in with terminals

100-240 V	58.1 (65) x 39.1 x 20 mm					
Model	Irated	Prated	Urange	PF	Ripple	Certification
LIVC1A(-Z) UNI	350 mA	0.9-1.4 W	2.6-3.9 V	0.40 C	±5 %	



100-240 V	65 x 29 x 18 mm					
Model	Irated	Prated	Urange	PF	Ripple	Certification
LSC3W200LR-Z UNI	200 mA	2.6-3.6 W	13-18 V	0.40 C	±5 %	ENEC
LSC3W350LR-Z UNI	350 mA	1-3.5 W	2.7-10 V	0.40 C	±5 %	ENEC
LSC3W500LR-Z UNI	500 mA	1.4-3.5 W	2.7-7 V	0.40 C	±5 %	ENEC
LSC3W700LR-Z UNI	700 mA	1.9-2.8 W	2.7-4 V	0.40 C	±5 %	ENEC



100-240 V	55.6 (66.3) x 38.5 x 21.8 mm					
Model	Irated	Prated	Urange	PF	Ripple	Certification
LSC6W250LR(-Z) UNI	250 mA	2.2-6 W	8.6-24 V	0.9 C	±5 %	CE only
LSC6W350LR(-Z) UNI	350 mA	3-6.3 W	8.6-18 V	0.9 C	±5 %	ENEC
LSC6W500LR(-Z) UNI	500 mA	3-6 W	6-12 V	0.9 C	±5 %	ENEC
LSC6W700LR(-Z) UNI	700 mA	3-6.3 W	4.3-9 V	0.9 C	±5 %	ENEC



220-240 V	58.1 (65) x 39.1 x 20 mm					
Model	Irated	Prated	Urange	PF	Ripple	Certification
G5S10W200LR(-Z)	200 mA	5.8-8.4 W	29-42 V	0.9 C	±5 %	ENEC
G5S10W250LR(-Z)	250 mA	6.5-10 W	26-40 V	0.9 C	±5 %	ENEC
G5S10W350LR(-Z)	350 mA	6-10.1 W	17-29 V	0.9 C	±5 %	ENEC
G5S10W450LR(-Z)	450 mA	5.9-9 W	13-20 V	0.9 C	±5 %	ENEC
G5S10W500LR(-Z)	500 mA	6.5-10 W	13-20 V	0.9 C	±5 %	ENEC
G5S10W700LR(-Z)	700 mA	6.1-10.1 W	8.6-14.5 V	0.9 C	±5 %	ENEC



220-240 V	85 x 40.4 x 22 mm					
Model	Irated	Prated	Urange	PF	Ripple	Certification
G5S15W300LR-Z	300 mA	8-12.5 W	26-42 V	0.9 C	±5 %	ENEC
G5S15W350LR-Z	350 mA	9-14.5 W	26-42 V	0.9 C	±5 %	ENEC
G5S15W500LR-Z	500 mA	9-15 W	18-30 V	0.9 C	±5 %	ENEC
G5S15W700LR-Z	700 mA	9-14.5 W	13-21 V	0.9 C	±5 %	ENEC
G5S15W1050LR-Z	1050 mA	9.5-15.5 W	9-15 V	0.9 C	±5 %	ENEC



220-240 V	85 x 40.4 x 22 mm					
Model	Irated	Prated	Urange	PF	Ripple	Certification
G5S20W500CA-Z (current adjust)	250 mA	7.5-10.5 W	30-42 V	0.9 C	±4 %	ENEC
	350 mA	10.5-14.5 W	30-42 V	0.9 C	±4 %	ENEC
	410 mA	12-17 W	30-42 V	0.9 C	±4 %	ENEC
	500 mA	15-21 W	30-42 V	0.9 C	±4 %	ENEC



CUBE POWER SERIES

High performance | independent & screwless

220-240 V

Model	Irated	Prated	Urange	PF	Ripple	Certification	Dimension
LEC8W200LR-Z	200 mA	5-8 W	25-40 V	0.9 C	±5 %	ENEC	90 x 40 x 22 mm
LEC14W350LR-Z	350 mA	8.8-14 W	25-40 V	0.9 C	±5 %	ENEC	115 x 41 x 25 mm
LEC20W500LR-Z	500 mA	12.5-20 W	25-40 V	0.9 C	±5 %	ENEC	115 x 41 x 25 mm
LEC28W700LR-Z	700 mA	17.5-28 W	25-40 V	0.9 C	±5 %	ENEC	145 x 40 x 30 mm
LEC40W1000LR-Z	1000 mA	25-40 W	25-40 V	0.9 C	±5 %	ENEC	145 x 40 x 30 mm





04

Constant Voltage

DIMMABLE



TUNABLE WHITE

DALI-2 DIMMABLE

TRAILING EDGE DIMMABLE

1-10 V DIMMABLE

HEP GMBH

DALI-2 DIMMABLE

DALI-2 DT8 dimmable | Tunable white

220-240 V



Model	Urated	Prated	Irange	PF	Certification	Dimension
LADV60W24Z-T2CH	24 V	5–60 W	2500 mA max.	0.95	ENEC	201.6 x 58 x 30 mm
LADV100W24Z-T2CH	24 V	5–100 W	4160 mA max.	0.95	ENEC	347.2 x 40 x 22 mm
LADV150W24Z-T2CH	24 V	5–150 W	6250 mA max.	0.95	ENEC	425 x 45 x 21 mm
LADV200W24Z-T2CH	24 V	5–200 W	8330 mA max.	0.95	ENEC	425 x 48.2 x 25.3 mm

DALI-2 DT6 dimmable

220-240 V



Model	Urated	Prated	Irange	PF	Certification	Dimension
LADV60W24-Z	24 V	5–60 W	2500 mA max.	0.95	ENEC	201.6 x 58 x 30 mm
LADV100W24-Z	24 V	5–100 W	4160 mA max.	0.95	ENEC	347.2 x 40 x 22 mm
LADV150W24-Z	24 V	5–150 W	6250 mA max.	0.95	ENEC	425 x 45 x 21 mm
LADV200W24-Z	24 V	5–200 W	8330 mA max.	0.95	ENEC	425 x 48.2 x 25.3 mm



DALI-2 DT6 dimmable | current adjust via DIP-SWITCH

220–240 V



Model	Urated	Prated	Irange	PF	Certification	Dimension
LADV30W24VA	12 V	2–30 W	2500 mA max.	0.9 C	ENEC	279 x 30.2 x 21.4 mm
	24 V	4–30 W	1250 mA max.	0.9 C	ENEC	



TRAILING EDGE DIMMABLE

Trailing edge dimmable

220-240 V

Model	Urated	Prated	lrange	PF	Certification	Dimension
LATV60W24-Z	24 V	12-60 W	500-2500 mA	0.95		201.6 x 58 x 30 mm



1-10 V DIMMABLE

1-10 V dimmable

220-240 V

Model	Urated	Prated	lrange	PF	Certification	Dimension
LAV30W24V1C	24 V	0-30 W	1250 mA max.	0.9 C	ENEC	235 x 30.2 x 20.6 mm
LAV60W24V1C	24 V	0-60 W	2500 mA max.	0.95	ENEC	280 x 30 x 21 mm
LAV100W24VS1C	24 V	0-100 W	4160 mA max.	0.95	ENEC	350 x 30.4 x 21.5 mm
LAV150W24V1C	24 V	0-150 W	6250 mA max.	0.98	ENEC	425 x 45 x 21.5 mm





05

Constant Voltage

NON-DIMMABLE



COMPACT TYPES

LINEAR TYPES

OUTDOOR

COMPACT TYPES

100-240 V 48.5 x 39 x 20 mm

Model	Urated	Prated	lrange	PF	Certification
LBV4W12 UNI	12 V	0-4 W	333 mA max.	0.9 C	ENEC
LBV4W24 UNI	24 V	0-4 W	166 mA max.	0.9 C	ENEC



100-240 V 65 x 39 x 20 mm

Model	Urated	Prated	lrange	PF	Certification
LBV6W12-Z UNI	12 V	0-6 W	500 mA max.	0.9 C	ENEC
LBV6W24-Z UNI	24 V	0-6 W	250 mA max.	0.9 C	ENEC
LBV6W48-Z UNI	48 V	0-6 W	125 mA max.	0.9 C	ENEC



100-240 V 106.2 x 32.9 x 21.5 mm

Model	Urated	Prated	lrange	PF	Certification
LBV12W12-Z UNI	12 V	0-12 W	1000 mA max.	0.9 C	ENEC
LBV12W24-Z UNI	24 V	0-12 W	500 mA max.	0.9 C	ENEC
LBV12W48-Z UNI	48 V	0-12 W	250 mA max.	0.9 C	ENEC



120-240 V 106.2 x 32.9 x 21.5 mm

Model	Urated	Prated	lrange	PF	Certification
LBV15W12-Z UNI	12 V	0-15 W	1250 mA max.	0.9 C	ENEC
LBV15W24-Z UNI	24 V	0-15 W	625 mA max.	0.9 C	ENEC



COMPACT TYPES

220–240 V	115 x 41 x 25 mm					
Model	Urated	Prated	Irange	PF	Certification	
LBV20W24VA-Z	12 V	0–18 W	1500 mA max.	0.95	ENEC	
	24 V	0–20 W	833 mA max.	0.95	ENEC	



220–240 V	180 x 45 x 27 mm					
Model	Urated	Prated	Irange	PF	Certification	
LBV40W12-Z	12 V	0–40 W	3340 mA max.	0.95	ENEC	
LBV40W24-Z	24 V	0–40 W	1666 mA max.	0.95	ENEC	



220–240 V	180 x 45 x 27 mm					
Model	Urated	Prated	Irange	PF	Certification	
LBV60W24-Z	24 V	0–60 W	2500 mA max.	0.95	ENEC	
LBV60W48-Z	48 V	0–60 W	1250 mA max.	0.95	ENEC	



100–240 V	129 x 75.4 x 32 mm					
Model	Urated	Prated	Irange	PF	Certification	
LHV36W12-Z UNI	12 V	0–36 W	3000 mA max.	0.9 C	ENEC	
LHV36W24-Z UNI	24 V	0–36 W	1500 mA max.	0.9 C	ENEC	



220–240 V	190.5 x 88 x 35.5 mm					
Model	Urated	Prated	Irange	PF	Certification	
LHV100W24	24 V	0–100 W	4200 mA max.	0.95	ENEC	
LHV150W24-Z	24 V	0–150 W	6250 mA max.	0.98	ENEC	
LHV150W48-Z	48 V	0–150 W	3125 mA max.	0.98	ENEC	



220–240 V	Ø 55 x 22 mm					
Model	Urated	Prated	Irange	PF	Certification	
LRV15W12P	12 V	0–15 W	1250 mA max.	0.9 C	ENEC	
LRV15W24P	24 V	0–15 W	625 mA max.	0.9 C	ENEC	



LINEAR TYPES

Non-dimmable

220-240 V

Model	Urated	Prated	Irange	PF	Certification	Dimension
LAV100W24-Z	24 V	0-100 W	4160 mA max.	0.95	ENEC	347.2 x 40 x 22 mm
LAV150W24-Z	24 V	0-150 W	6250 mA max.	0.95	ENEC	425 x 45 x 21 mm



220-240 V

Model	Urated	Prated	Irange	PF	Certification	Dimension
LAV30W24V	24 V	0-30 W	1250 mA max.	0.9 C	ENEC	235 x 30.2 x 20.6 mm
LAV60W24V	24 V	0-60 W	2500 mA max.	0.95	ENEC	280 x 30 x 21 mm
LAV100W24VS	24 V	0-100 W	4160 mA max.	0.95	ENEC	350 x 30.4 x 21.5 mm
LAV150W24V	24 V	0-150 W	6250 mA max.	0.98	ENEC	425 x 45 x 21.5 mm



OUTDOOR

IP 67 | dust proof | water proof

100-240 V

162 x 37 x 25 mm

Model	Urated	Prated	Irange	PF	Certification
LEXV18W12	12 V	0-18 W	1500 mA max.	0.55 C	TÜV
LEXV18W24	24 V	0-18 W	750 mA max.	0.55 C	TÜV



100 - 240 V

232 x 36.6 x 25 mm

Model	Urated	Prated	Irange	PF	Certification
LEXV40W12	12 V	0-40 W	3340 mA max.	0.95	TÜV
LEXV40W24	24 V	0-40 W	1670 mA max.	0.95	TÜV



100 - 240 V

182 x 71.2 x 45 mm

Model	Urated	Prated	Irange	PF	Certification
LEXV60W24	24 V	0-60 W	2500 mA max.	0.97	TÜV



100 - 240 V

202 x 71.2 x 45 mm

Model	Urated	Prated	Irange	PF	Certification
LEXV100W24	24 V	0-100 W	4200 mA max.	0.97	TÜV



100 - 240 V

244 x 71.2 x 45 mm

Model	Urated	Prated	Irange	PF	Certification
LEXV150W24	24 V	0-150 W	6000 mA max.	0.95	TÜV



220 - 240 V

252 x 90 x 44.5 mm

Model	Urated	Prated	Irange	PF	Certification
LEXV250W24	24 V	0-250 W	10420 mA max.	0.95	TÜV



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