HEP ower for light

HEP Catalog

2017

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www.HEPgroup.net

HEP Group was founded in 2002. HEP Group Headquarters—HEP Tech Co., Ltd. is approved by Taiwan Gre Tai Securities Market (GTSM) to list as an over-the-counter OTC market company in 2011, which ensures that HEP Tech Co., Ltd. is a steady corporation and has a positive influence on public.

In past a decade HEP specialized in innovating and manufacturing environment-friendly, energy-saving, delicate electronic lighting control gears for industrial and commercial purposes. All HEP products are engineered in compliance with the highest safety and performance standards, as evidenced by complete certifications from ENEC, UL, CSA and CCC. Productions also meet with global regulatory safety and environment protection norms, such as RoHS, REACH and WEEE.

In pursuit of corporate social responsibility—the ultimate energy efficiency, lighting quality and sustainable environment, HEP constantly dedicates to develop the most advanced green lighting electronics. Featured products, including Daylight Control, Electronic Dimmable Control Ballast, Electronic HPS Dimmable Control Ballast and LED Driver, will fit the high requirement of the corporate goals. HEP never stops maximizing lighting performance throughout excellent 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 needs, but also look forward to becoming an engine of innovation.

Tunable Drivers - Deliver Luminaires with Benefits

Feature :

- By adding side covers the built-in type simply easy as an independent unit.
- Selectable O/P currents ranged from 250 to 500mA, 500 to 700mA and 800 to 1050mA .
- 4 O/P currents available for choice, please contact with HEP sales for your customized combo.
- Low ripple current design - It makes direct lighting perform superior quality on job sites, especially for museum, library, shopping mall, office or commercial applications.

Built-in - LxWxH : 97.6x44x30 mm
Independent - LxWxH : 137.6x44x30 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Ripple Current (%)	Efficiency (%)	Power Factor
EVO21W500LRCA	250	25-42	220-240	11	±7	83	0.92
	350	25-42	220-240	15	±7	85	0.95
	450	25-42	220-240	19	±7	85	0.95
	500	25-42	220-240	21	±7	85	0.95

Built-in - LxWxH : 97.6x44x30 mm
Independent - LxWxH : 137.6x44x30 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Ripple Current (%)	Efficiency (%)	Power Factor
EVO30W700LRCA	500	25-42	220-240	21	±7	87	0.92
	600	25-42	220-240	25	±7	87	0.92
	650	25-42	220-240	27	±7	87	0.95
	700	25-42	220-240	30	±7	87	0.95

Built-in - LxWxH : 97.6x44x30 mm
Independent - LxWxH : 137.6x44x30 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Ripple Current (%)	Efficiency (%)	Power Factor
EVO42W1050LRCA	800	25-40	220-240	32	±7	88	0.92
	900	25-40	220-240	36	±7	88	0.92
	950	25-40	220-240	38	±7	89	0.95
	1050	30-40	220-240	42	±7	89	0.95

Mini Drivers - Small enough for versatile LED applications

Feature :

- Small form offers factory design more flexibility.
- Wide input voltage 100-277V , 50-60Hz meets all demand.
- Potting model for indoor and outdoor use can match all application needs.

LxWxH : 49x27.2x20 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Efficiency (%)	Power Factor
LSV4W12HSP UNI	330	12	100-277	4	70	0.5
LSV4W16HSP UNI	250	16	100-277	4	70	0.5
LSV4W24HSP UNI	170	24	100-277	4	70	0.5

LxWxH : 49x27.2x20 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Efficiency (%)	Power Factor
LSC4W200(P) UNI *	200	13.5-17	100-277	2.7-3.26	65	0.5
LSC4W350(P) UNI	350	8-13	100-277	2.8-4.55	73	0.5
LSC4W350LP UNI *	350	2-7	100-277	0.7-2.45	60	0.4
LSC4W500(P) UNI	500	5.5-9.5	100-277	2.75-4.75	73	0.5
LSC4W500LP UNI *	500	2-7	100-277	1-3.5	60	0.5
LSC4W700(P) UNI	700	2.8-6.5	100-277	1.96-4.55	73	0.5

* ENEC only

LxWxH : 68x33x22 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Efficiency (%)	Power Factor
LSC4W200-Z UNI	350	13.5-17	100-277	2.7-3.4	65	0.5
LSC4W350L-Z UNI	350	2-7	100-277	0.7-2.45	60	0.5
LSC4W350H-Z UNI	350	8-13	100-277	2.8-4.6	65	0.5
LSC4W500-Z UNI	500	2.8-7	100-277	1.4-3.5	65	0.5
LSC4W700-Z UNI	700	2.8-7	100-277	2-4.9	65	0.5

LxWxH : 60x40x24 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Efficiency (%)	Power Factor
LSC9W300(P) UNI (UL only)	300	14-27.5	100-277	4.2-8.3	80	0.9
LSC9W350(P) UNI	350	9-24	100-277	3.2-8.4	80	0.9
LSC9W500(P) UNI	500	6.5-18	100-277	3.25-9	80	0.9
LSC9W700(P) UNI	700	6-12	100-277	4.2-8.4	80	0.9

Mini Drivers - Small enough for versatile LED applications

LxWxH : 63.3x40x23 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Efficiency (%)	Power Factor
LSC15W350P UNI	350	23-43	100-277	8-15	80	0.9
LSC15W500P UNI	500	18-30	100-277	9-15	80	0.9
LSC15W700P UNI	700	12-22	100-277	8.4-15	80	0.9

LxWxH : 69.1x43.3x24.6 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Efficiency (%)	Power Factor
LSC20W250(P) UNI	250	32-55	100-277	8-13.7	80	0.9
LSC20W300(P) UNI	300	32-55	100-277	9.6-16.5	80	0.9
LSC20W350(P) UNI	350	32-55	100-277	11-19.3	80	0.9
LSC20W500L(P) UNI	500	12-28	100-277	6-14	80	0.9
LSC20W500H(P) UNI	500	24-45	100-277	12-22.5	80	0.9
LSC20W700(P) UNI	700	11-28	100-277	7.7-19.6	80	0.9

Clear type - LxWxH : 73x45x32 mm
Screw type - LxWxH : 89x45x32 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Efficiency (%)	Power Factor
LCD36W450C UNI *	450	36-52.5	120-240	16.2-23.6	85	0.9
LCD36W500 UNI	500	36-52.5	120-240	18-26.25	85	0.9
LCD36W600 UNI	600	36-52.5	120-240	21.6-31.5	85	0.9
LCD36W700 UNI	700	36-52.5	120-240	25.2-36.75	85	0.9
LCD36W700C UNI *	700	30-52.5	120-240	21-36.75	85	0.9
LCD36W800 UNI	800	26-38	120-240	20.8-30.4	85	0.9
LCD36W850C UNI *	850	27-42	120-240	23-35.7	85	0.9
LCD36W900 UNI	900	24-34	120-240	21.6-30.6	85	0.9
LCD36W900C UNI *	900	27-42	120-240	24.3-37.8	85	0.9
LCD36W925C UNI *	925	27-40	120-240	24.98-37	85	0.9
LCD36W1050 UNI	1050	24-29	120-240	25.2-30.45	85	0.9

* ENEC only

Triac Dimming LED Driver

LxWxH : 85x40.4x22 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LMTC6W350-Z	350	11-16	220-240	3.6-5.8	10-100	73	0.9

LxWxH :⌀55x22 mm

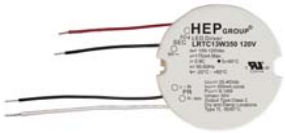
Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LRTC9W200 120V	200	33-40	100-120	6.6-8	10-100	78	0.9
LRTC9W350 120V	350	17-26	100-120	6-9	10-100	78	0.9
LRTC9W500 120V	500	12-18.5	100-120	6-9.25	10-100	78	0.9
LRTC9W700 120V	700	8-13	100-120	5.6-9	10-100	78	0.9

LxWxH : 63.3x40x23 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LSTC10W150P	150	33-43	220-240	4.95-6.45	10-100	80	0.9
LSTC10W200P	200	33-43	220-240	6.6-8.6	10-100	80	0.9
LSTC10W250P	250	33-43	220-240	8.25-10.75	10-100	80	0.9
LSTC10W350P	350	13-27	220-240	4.55-9.45	10-100	80	0.9
LSTC10W500P	500	12-21	220-240	6-10.5	10-100	80	0.9
LSTC10W700P	700	8-15	220-240	5.6-10.5	10-100	80	0.9

LxWxH : 85x40.4x22 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LMTC10W200-Z	200	29-44	220-240	5.8-8.8	10-100	75	0.9
LMTC10W250-Z	250	26-40	220-240	6.5-10	10-100	75	0.9
LMTC10W350-Z	350	17-29	220-240	5.95-10.15	10-100	75	0.9
LMTC10W450-Z	450	12-20	220-240	5.4-9	10-100	75	0.9
LMTC10W500-Z	500	12-20	220-240	6-10	10-100	75	0.9
LMTC10W600-Z	600	8.5-14.5	220-240	5.1-8.7	10-100	75	0.9
LMTC10W700-Z	700	8.5-14.5	220-240	5.95-10.15	10-100	75	0.9



LxWxH :⌀65x27 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LRTC13W350 120V	350	25-40	100-120	9-14	10-100	80	0.9
LRTC13W500 120V	500	18-26	100-120	9-13	10-100	80	0.9
LRTC13W700 120V	700	13-18.5	100-120	9-13	10-100	80	0.9

LxWxH : 85x40.4x22 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LMTC15W300-Z	300	26-43	220-240	7.8-12.9	10-100	75	0.9
LMTC15W350-Z	350	26-43	220-240	9.1-15	10-100	75	0.9
LMTC15W450-Z	450	18-30	220-240	8.1-13.5	10-100	75	0.9
LMTC15W500-Z	500	18-30	220-240	9-15	10-100	75	0.9
LMTC15W600-Z	600	13-21	220-240	7.8-12.6	10-100	75	0.9
LMTC15W700-Z	700	13-21	220-240	9.1-14.7	10-100	75	0.9

LxWxH : 79.8x78.1x25.4 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LCC30W700-OS 120V	700	28-40	120	19.6-28	10-100	85	0.9

Triac Dimming LED Driver (Low Ripple)

LxWxH : 167x38.4x29.8 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Ripple Current (%)	Efficiency (%)	Power Factor
LLTC20W300LR-Z	300	36-60	220-240	11.7-18	10-100	±4.5	80	0.9
LLTC20W350LR-Z	350	31-56	220-240	10.9-19.6	10-100	±4.5	80	0.9
LLTC20W450LR-Z	450	29-43	220-240	13.1-19.4	10-100	±4.5	80	0.9
LLTC20W500LR-Z	500	26-40	220-240	13-20	10-100	±4.5	80	0.9
LLTC20W550LR-Z	550	22-34	220-240	12.1-18.7	10-100	±4.5	80	0.9
LLTC20W700LR-Z	700	18-26	220-240	12.6-18.2	10-100	±4.5	80	0.9

★ Output Current is adjustable ; in steps of 25mA

Built-in - LxWxH : 115x44x30 mm
Independent - LxWxH : 137.4x44x30 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Ripple Current (%)	Efficiency (%)	Power Factor
LBTC30W500LR(-Z)	500	42-60	220-240	21-30	10-100	±4.5	85	0.9
LBTC30W600LR(-Z)	600	33-50	220-240	19.8-30	10-100	±4.5	85	0.9
LBTC30W700LR(-Z)	700	30-42	220-240	21-29.4	10-100	±4.5	85	0.9
LBTC30W800LR(-Z)	800	24-36	220-240	19.2-28.8	10-100	±4.5	85	0.9
LBTC30W900LR(-Z)	900	21-30	220-240	18.9-27	10-100	±4.5	85	0.9
LBTC30W1000LR(-Z)	1000	21-30	220-240	21-30	10-100	±4.5	85	0.9

★ Output Current is adjustable ; in steps of 25mA

Built-in - LxWxH : 103x67x30.5 mm
Independent - LxWxH : 153x67x30.5 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Ripple Current (%)	Efficiency (%)	Power Factor
LTTC30W500LR(-Z)	500	42-60	220-240	21-30	10-100	±4.5	85	0.9
LTTC30W600LR(-Z)	600	33-50	220-240	19.8-30	10-100	±4.5	85	0.9
LTTC30W700LR(-Z)	700	30-42	220-240	21-29.4	10-100	±4.5	85	0.9
LTTC30W800LR(-Z)	800	24-36	220-240	19.2-28.8	10-100	±4.5	85	0.9
LTTC30W900LR(-Z)	900	21-30	220-240	18.9-27	10-100	±4.5	85	0.9
LTTC30W1000LR(-Z)	1000	21-30	220-240	21-30	10-100	±4.5	85	0.9

★ Output Current is adjustable ; in steps of 25mA

Built-in - LxWxH : 103x67x30.5 mm
Independent - LxWxH : 153x67x30.5 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Ripple Current (%)	Efficiency (%)	Power Factor
LTTC40W500LR(-Z)	500	56-80	220-240	28-40	10-100	±4	85	0.9
LTTC40W550LR(-Z)	550	51-68	220-240	26-38	10-100	±4	85	0.9
LTTC40W600LR(-Z)	600	40-57	220-240	24-35	10-100	±4	85	0.9
LTTC40W700LR(-Z)	700	38-57	220-240	28-40	10-100	±4	85	0.9
LTTC40W900LR(-Z)	900	28-40	220-240	25-36	10-100	±4	85	0.9
LTTC40W1000LR(-Z)	1000	28-40	220-240	28-40	10-100	±4	85	0.9

★ Output Current is adjustable ; in steps of 25mA

1-10V Dimming LED Driver (Constant current)

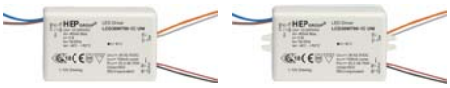
Built-in - LxWxH : 94x44x30 mm
Independent - LxWxH : 116.4x44x30 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LBC10W200-1C(Z) UNI	200	26-42	120-277	5.2-8.4	10-100	80	0.9
LBC10W350-1C(Z) UNI	350	14-29	120-277	4.9-10.15	10-100	80	0.9
LBC10W500-1C(Z) UNI	500	14-20	120-277	7-10	10-100	80	0.9
LBC10W700-1C(Z) UNI	700	9-14	120-277	6.3-9.8	10-100	80	0.9

Built-in - LxWxH : 94x44x30 mm
Independent - LxWxH : 116.4x44x30 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LBC20W350-1C(Z) UNI	350	36-55.7	120-277	12.6-19.5	10-100	80	0.9
LBC20W450-1C(Z) UNI	450	28-44	120-277	12.6-19.8	10-100	80	0.9
LBC20W500-1C(Z) UNI	500	26-40	120-277	13-20	10-100	80	0.9
LBC20W550-1C(Z) UNI	550	24-36	120-277	13.2-19.8	10-100	80	0.9
LBC20W600-1C(Z) UNI	600	21-30	120-277	12.6-18	10-100	80	0.9
LBC20W700-1C(Z) UNI	700	18-28	120-277	12.6-19.6	10-100	80	0.9

Clear type - LxWxH : 73x45x32 mm
Screw type - LxWxH : 89x45x32 mm



Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LCD36W500-1C UNI	500	36-52.5	120-240	18-26.25	10-100	85	0.9
LCD36W600-1C UNI	600	36-52.5	120-240	21.6-31.5	10-100	85	0.9
LCD36W700-1C UNI	700	36-52.5	120-240	25.2-36.75	10-100	85	0.9
LCD36W800-1C UNI	800	26-38	120-240	20.8-30.4	10-100	85	0.9
LCD36W900-1C UNI	900	24-34	120-240	21.6-30.6	10-100	85	0.9
LCD36W1050-1C UNI	1050	24-29	120-240	25.2-30.45	10-100	85	0.9

Built-in - LxWxH : 108.9x75.4x32 mm
Independent - LxWxH : 128.9x75.4x32 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LTC40W500-1C(Z) UNI	500	29-58	100-240	14-29	10-100	87	0.9
LTC40W600-1C(Z) UNI	600	29-58	100-240	17-35	10-100	87	0.9
LTC40W700-1C(Z) UNI	700	29-58	100-240	20-40	10-100	87	0.9
LTC40W800-1C(Z) UNI	800	25-50	100-240	20-40	10-100	87	0.9
LTC40W900-1C(Z) UNI	900	22-44	100-240	20-40	10-100	87	0.9
LTC40W1000-1C(Z) UNI	1000	20-40	100-240	20-40	10-100	87	0.9
LTC40W1100-1C(Z) UNI	1100	18-36	100-240	20-40	10-100	87	0.9
LTC40W1200-1C(Z) UNI	1200	17-33	100-240	20-40	10-100	87	0.9
LTC40W1300-1C(Z) UNI	1300	16-31	100-240	20-40	10-100	87	0.9
LTC40W1400-1C(Z) UNI	1400	14-29	100-240	20-40	10-100	87	0.9

Built-in - LxWxH : 108.9x75.4x32 mm
Independent - LxWxH : 128.9x75.4x32 mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LTC60W700-1C(Z) UNI	700	28-57	100-240	20-40	10-100	85	0.9
LTC60W800-1C(Z) UNI	800	28-57	100-240	22-46	10-100	85	0.9
LTC60W900-1C(Z) UNI	900	28-57	100-240	25-52	10-100	85	0.9
LTC60W950-1C(Z) UNI	950	28-57	100-240	26-54	10-100	85	0.9
LTC60W1000-1C(Z) UNI	1000	28-57	100-240	28-57	10-100	85	0.9
LTC60W1050-1C(Z) UNI	1050	28-57	100-240	29-58	10-100	85	0.9
LTC60W1100-1C(Z) UNI	1100	28-55	100-240	30-60	10-100	85	0.9
LTC60W1200-1C(Z) UNI	1200	25-50	100-240	30-60	10-100	85	0.9
LTC60W1300-1C(Z) UNI	1300	23-46	100-240	30-60	10-100	85	0.9
LTC60W1400-1C(Z) UNI	1400	22-43	100-240	30-60	10-100	85	0.9
LTC60W1500-1C(Z) UNI	1500	20-40	100-240	30-60	10-100	85	0.9

Constant Voltage Linear LED Driver

LxWxH : 235x30x21mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Efficiency (%)	Power Factor
LAV30W24V UNI	960	48	220-240	0-46	80	0.95

LxWxH : 280x30x27.5mm

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Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Efficiency (%)	Power Factor
LBV46W48V UNI	960	48	100-277	0-46	80	0.95

LxWxH : 280x30x21mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Efficiency (%)	Power Factor
LAV60W24V	2500	24	220-240	0-60	87	0.95

LxWxH : 360x30.4x21.5mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Efficiency (%)	Power Factor
LAV100W24VS	4166	24	220-240	0-100	91	0.95

LxWxH : 425x45x21mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Efficiency (%)	Power Factor
LAV150W24V	6250	24	220-240	0-150	92	0.98

Constant Voltage Linear LED Driver - 0/1~10V Dimming

LxWxH : 235x30x21mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LAV30W24V1C UNI	960	48	220-240	0-46	0-100	0.95	80

LxWxH : 360x30x26mm

C US E235547

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LPC46W48V1C UNI	960	48	120-277	0-46	0-100	0.95	80

LxWxH : 280x30x21mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LAV60W24V1C	2500	24	220-240	0-60	0-100	0.95	87

LxWxH : 186X45.6X41.3mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LPV72W12V1C	6000	12	220-240	12-72	10-100	0.95	85
LPV72W24V1C	3000	24	220-240	7.2-72	10-100	0.95	85

LxWxH : 360x30.4x21.5mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LAV100W24VS1C	4166	24	220-240	0-100	1-100	0.95	91

LxWxH : 425x45x21mm

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LAV150W24V1C	6250	24	220-240	0-150	1-100	0.98	92

Constant Current Linear LED Driver - 0/1~10V Dimming

LxWxH : 360x30x26mm

C US E358146

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LAC27W500-1C UNI	500	45-55	120-277	22.5-27.5	10-100	0.9	82

LxWxH : 360x30x26mm

C US E358146

Model	Output Current (mA)	Output Voltage (V)	Input Voltage (V)	Watts (W)	Dimming Range (%)	Efficiency (%)	Power Factor
LAC45W1000RT-1C UNI	1000	27-43	120-277	27-43	10-100	0.9	85
LAC45W1050RT-1C UNI	1050	30-43	120-277	31.5-45	10-100	0.9	87

HEP Products

Electronic Ballast
(11W-160W)

- Triac Dimming
- 0/1-10V Low Voltage Dimming
- Triac / 0/1-10V Dual Dimming
- DALI Dimming
- KNX Dimming

LED Driver
(1W-150W)

- Constant Current
- Constant Voltage

- Triac Dimming
- 1-10V Dimming
- PWM Dimming
- DALI Dimming

PSE LED Driver
(5W-78W)

- Constant Current

- Triac Dimming
- PWM Dimming

HID Control Gear
(20W-250W)

- Dim
- Non-Dim

- 1-10V Low Voltage Dimming
- IPM Dimming

comply with RoHS standards