

Programmable LED Driver with Dim-to-off



Features

- ▶ Universal input voltage: 90 ~ 305Vac;
- ▶ Constant power design, outputs programmable;
- ▶ Built-in 3-in-1 dimming and auto-react: 0-10Vdc, PWM, timing dimming, dim-to-off;
- ▶ Equipped with interactive visual software to customize output setting;
- ▶ DALI control is optional;
- ▶ 12V/0.3A auxiliary power supply is optional;
- ▶ Output is isolated with dimming signal;
- ▶ Stand-by power consumption <0.5W;
- ▶ Multiple protection: SCP / OVP/OTP;
- ▶ Surge protection: line-line 5KV, line-earth 10KV;
- ▶ Ambient temperature: -40°C ~ +60°C ;
- ▶ Degrees of protection: IP67;
- ▶ 5 years warranty.

Application

- ▶ LED street lighting, industrial lighting, and landscape lighting.

Product Selection Guide

Model	Power (W)	Output voltage range (Vdc)	Output current adjustable range (A)	Full power current adjustable range (A)	Default output spec	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
LUP-075X041Y *	75	20 ~ 41	0.27 ~ 2.68	1.83 ~ 2.68	20 ~ 36V/2.10A	87%	0.95	178*68*43.5
LUP-075X062Y	75	20 ~ 62	0.19 ~ 1.88	1.21 ~ 1.88	20 ~ 54V/1.40A	87%	0.95	178*68*43.5
LUP-075X141Y	75	60 ~ 141	0.11 ~ 1.10	0.53 ~ 1.10	60 ~ 107V/0.70A	87%	0.96	178*68*43.5
LUP-120X041Y	120	20 ~ 41	0.43 ~ 4.29	2.93 ~ 4.29	20 ~ 36V/3.33A	90%	0.96	217*68*43.5
LUP-120X062Y	120	20 ~ 62	0.30 ~ 3.00	1.93 ~ 3.00	20 ~ 48V/2.50A	90%	0.96	217*68*43.5
LUP-120X170Y	120	60 ~ 170	0.14 ~ 1.40	0.70 ~ 1.40	60 ~ 114V/1.05A	91%	0.96	217*68*43.5
LUP-120X305Y	120	120 ~ 305	0.07 ~ 0.70	0.40 ~ 0.70	120 ~ 171V/0.70A	91%	0.96	217*68*43.5
LUP-150X036Y	150	20 ~ 36	0.54 ~ 5.36	4.17 ~ 5.36	20 ~ 36V/4.17A	90%	0.96	217*68*43.5
LUP-150X054Y	150	20 ~ 54	0.42 ~ 4.20	2.80 ~ 4.20	20 ~ 48V/3.13A	90%	0.96	217*68*43.5
LUP-150X120Y	150	60 ~ 120	0.21 ~ 2.10	1.25 ~ 2.10	60 ~ 107V/1.40A	90%	0.96	217*68*43.5
LUP-150X214Y	150	80 ~ 214	0.11 ~ 1.10	0.70 ~ 1.10	80 ~ 143V/1.05A	90%	0.96	217*68*43.5
LUP-150X335Y	150	176 ~ 335	0.07 ~ 0.70	0.45 ~ 0.70	176 ~ 214V/0.70A	91%	0.96	217*68*43.5
LUP-200X041Y	200	20 ~ 41	0.70 ~ 7.00	4.88 ~ 7.00	20 ~ 36V/5.56A	90%	0.96	247*68*43.5
LUP-200X062Y	200	20 ~ 62	0.50 ~ 5.00	3.23 ~ 5.00	20 ~ 48V/4.17A	92%	0.96	247*68*43.5
LUP-200X445Y	200	230 ~ 445	0.07 ~ 0.70	0.45 ~ 0.70	230 ~ 286V/0.70A	92%	0.96	247*68*43.5
LUP-240X041Y	240	20 ~ 41	0.75 ~ 7.50	5.86 ~ 7.50	20 ~ 36V/6.70A	91%	0.96	247*68*43.5
LUP-240X062Y	240	20 ~ 62	0.52 ~ 5.20	3.87 ~ 5.20	20 ~ 48V/5.00A	92%	0.96	247*68*43.5
LUP-240X180Y	240	80 ~ 180	0.21 ~ 2.10	1.33 ~ 2.10	80 ~ 170V/1.40A	92%	0.96	247*68*43.5
LUP-240X368Y	240	190 ~ 368	0.11 ~ 1.10	0.65 ~ 1.10	190 ~ 228V/1.05A	93%	0.96	247*68*43.5

Note: 1. X=M, Programmable output with 0-10V/PWM/timing dimming;
 X=R, Programmable output with timing dimming;
 X=D, DALI dimming.
 2. Y=A12, output with 12V/0.3A auxiliary power supply.

Class II Programmable LED Driver



Features

- ▶ Universal input voltage: 90 ~ 305Vac;
- ▶ Constant power design, outputs programmable;
- ▶ Built-in 3-in-1 dimming and auto-react: 0-10Vdc, PWM, timing dimming, dim-to-off;
- ▶ Equipped with interactive visual software to customize output setting;
- ▶ DALI control is optional;
- ▶ 12V/0.3A auxiliary power supply is optional;
- ▶ Output is isolated with dimming signal;
- ▶ Stand-by power consumption <0.5W;
- ▶ Multiple protection: SCP / OVP/OTP;
- ▶ Surge protection: line-line 5KV;
- ▶ Ambient temperature: -40°C ~ +60°C ;
- ▶ Degrees of protection: IP67;
- ▶ 5 years warranty.

Application

- ▶ LED street lighting, industrial lighting, and landscape lighting.

Product Selection Guide

Model	Power (W)	Output voltage range (Vdc)	Output current adjustable range (A)	Full power current adjustable range (A)	Default output spec	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
LCP-075X041Y *	75	20 ~ 41	0.27 ~ 2.68	1.83 ~ 2.68	20 ~ 36V/2.10A	87%	0.95	178*68*43.5
LCP-075X062Y	75	20 ~ 62	0.19 ~ 1.88	1.21 ~ 1.88	20 ~ 54V/1.40A	87%	0.95	178*68*43.5
LCP-075X141Y	75	60 ~ 141	0.11 ~ 1.10	0.53 ~ 1.10	60 ~ 107V/0.70A	87%	0.96	178*68*43.5
LCP-120X041Y	120	20 ~ 41	0.43 ~ 4.29	2.93 ~ 4.29	20 ~ 36V/3.33A	90%	0.96	217*68*43.5
LCP-120X062Y	120	20 ~ 62	0.30 ~ 3.00	1.93 ~ 3.00	20 ~ 48V/2.50A	90%	0.96	217*68*43.5
LCP-120X170Y	120	60 ~ 170	0.14 ~ 1.40	0.70 ~ 1.40	60 ~ 114V/1.05A	91%	0.96	217*68*43.5
LCP-120X305Y	120	120 ~ 305	0.07 ~ 0.70	0.40 ~ 0.70	120 ~ 171V/0.70A	91%	0.96	217*68*43.5
LCP-150X036Y	150	20 ~ 36	0.54 ~ 5.36	4.17 ~ 5.36	20 ~ 36V/4.17A	90%	0.96	217*68*43.5
LCP-150X054Y	150	20 ~ 54	0.42 ~ 4.20	2.80 ~ 4.20	20 ~ 48V/3.13A	90%	0.96	217*68*43.5
LCP-150X120Y	150	60 ~ 120	0.21 ~ 2.10	1.25 ~ 2.10	60 ~ 107V/1.40A	90%	0.96	217*68*43.5
LCP-150X214Y	150	80 ~ 214	0.11 ~ 1.10	0.70 ~ 1.10	80 ~ 143V/1.05A	90%	0.96	217*68*43.5
LCP-150X335Y	150	176 ~ 335	0.07 ~ 0.70	0.45 ~ 0.70	176 ~ 214V/0.70A	91%	0.96	217*68*43.5
LCP-200X041Y	200	20 ~ 41	0.70 ~ 7.00	4.88 ~ 7.00	20 ~ 36V/5.56A	90%	0.96	247*68*43.5
LCP-200X062Y	200	20 ~ 62	0.50 ~ 5.00	3.23 ~ 5.00	20 ~ 48V/4.17A	92%	0.96	247*68*43.5
LCP-200X445Y	200	230 ~ 445	0.07 ~ 0.70	0.45 ~ 0.70	230 ~ 286V/0.70A	92%	0.96	247*68*43.5
LCP-240X041Y	240	20 ~ 41	0.75 ~ 7.50	5.86 ~ 7.50	20 ~ 36V/6.70A	91%	0.96	247*68*43.5
LCP-240X062Y	240	20 ~ 62	0.52 ~ 5.20	3.87 ~ 5.20	20 ~ 48V/5.00A	92%	0.96	247*68*43.5
LCP-240X180Y	240	80 ~ 180	0.21 ~ 2.10	1.33 ~ 2.10	80 ~ 170V/1.40A	92%	0.96	247*68*43.5
LCP-240X368Y	240	190 ~ 368	0.11 ~ 1.10	0.65 ~ 1.10	190 ~ 228V/1.05A	93%	0.96	247*68*43.5

Note: 1. X=M, Programmable output with 0-10V/PWM/timing dimming;
 X=R, Programmable output with timing dimming;
 X=D, DALI dimming.
 2. Y=A12, output with 12V/0.3A auxiliary power supply.

Constant Current LED Driver



Features

- ▶ Universal input voltage: 90 ~ 305Vac;
- ▶ Constant current design;
- ▶ High power factor > 0.95;
- ▶ Surge protection: line-line 5KV, line-earth 10KV;
- ▶ Multiple protection: SCP, OVP;
- ▶ Ambient temperature: -40°C ~ +60°C ;
- ▶ Degrees of protection: IP67;
- ▶ 5 years warranty.

Application

- ▶ LED street lighting, industrial lighting, and landscape lighting.

Product Selection Guide

Model	Power (W)	Output voltage range (Vdc)	Output current (A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
LDC-042X035 *	42	20 ~ 35	1.20	87%	0.95	164*48*35
LDC-042X040	42	20 ~ 40	1.05	87%	0.95	164*48*35
LDC-042X049	42	28 ~ 49	0.86	87%	0.95	164*48*35
LDC-042X053	42	28 ~ 53	0.80	87%	0.95	164*48*35
LDC-042X061	42	38 ~ 61	0.70	87%	0.95	164*48*35
LDC-042X070	42	38 ~ 70	0.60	87%	0.95	164*48*35
LDC-042X084	42	50 ~ 84	0.50	87%	0.95	164*48*35

Note: X=S, 0-10V dimming; X=B, no dimming function.

25W/42W Programmable LED Driver



Features

- ▶ Universal input voltage: 90 ~ 305Vac;
- ▶ High power factor >0.98;
- ▶ THD<10%;
- ▶ Multiple protection: SCP, OVP;
- ▶ DALI dimming control, dim-to-off;
- ▶ Surge protection: line-line 2KV, line-earth 4KV;
- ▶ Ambient temperature: -30°C ~ +60°C ;
- ▶ Degrees of protection: IP67;
- ▶ 5 years warranty.

Application

- ▶ Metro, underground parking, office, hotel, hospital, and other indoor or outdoor lighting.

Product Selection Guide

Model	Power (W)	Output voltage range (Vdc)	Output current adjustable range (A)	Default output spec	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
LUC-025X062H *	25	20 ~ 62	0.21 ~ 0.42	20 ~ 62V/0.42A	86%	0.98	173*47.6*35
LUC-042X062H	42	20 ~ 62	0.42 ~ 0.83	20 ~ 48V/0.83A	86%	0.98	173*47.6*35

Note: X=D, DALI dimming; X=B, no dimming function.



High Bay LED Driver



Features

- ▶ Universal input voltage: 90 ~ 305Vac;
- ▶ Constant power design, output current adjustable;
- ▶ 2 in 1 dimming mode: 0-10V, PWM dimming;
- ▶ DALI dimming is optional;
- ▶ Multiple protection: SCP, OVP, OTP;
- ▶ Surge protection: line-line 4KV, line-earth 6KV;
- ▶ Ambient temperature: -40°C ~ +60°C ;
- ▶ Degrees of protection: IP65;
- ▶ 5 years warranty.

Application

- ▶ Suitable for industrial lighting.

Product Selection Guide

Model	Power (W)	Output voltage range (Vdc)	Output current adjustable range (A)	Full power current adjustable range (A)	Default output spec	Typ. Eff.	Typ. PF	Dimensions (Φ*H)mm
LTP-060Y086 *	60	29 ~ 86	0.63 ~ 1.05	0.70 ~ 1.05	20 ~ 57V/1.05A	87%	0.96	130*69.5
LTP-100Y036	100	14 ~ 36	2.50 ~ 3.57	2.78 ~ 3.57	14 ~ 36V/2.78A	90%	0.96	130*69.5
LTP-100Y054	100	21 ~ 54	1.66 ~ 2.38	1.85 ~ 2.38	21 ~ 54V/1.85A	91%	0.96	130*69.5
LTP-100Y071	100	27 ~ 71	1.26 ~ 1.85	1.40 ~ 1.85	27 ~ 71V/1.40A	91%	0.96	130*69.5
LTP-100Y143	100	48 ~ 143	0.63 ~ 1.05	0.70 ~ 1.05	48 ~ 143V/0.70A	92%	0.96	130*69.5
LTP-120Y048 *	120	30 ~ 48	1.80 ~ 2.50	2.50	30 ~ 48V/2.5A	91%	0.96	130*69.5
LTP-160Y036	160	14 ~ 36	4.00 ~ 5.71	4.44 ~ 5.71	14 ~ 36V/4.44A	91.50%	0.96	152*69.3
LTP-160Y062	160	21 ~ 62	2.20 ~ 3.80	2.58 ~ 3.80	21 ~ 54V/2.96A	91.50%	0.96	152*69.3
LTP-200Y036	200	14 ~ 36	4.00 ~ 7.14	5.55 ~ 7.14	14 ~ 36V/5.56A	91%	0.96	191*74.8
LTP-200Y062	200	21 ~ 62	3.22 ~ 4.76	3.22 ~ 4.76	21 ~ 54V/3.70A	92%	0.96	191*74.8
LTP-200Y100	200	33 ~ 100	1.80 ~ 3.00	2.00 ~ 3.00	33 ~ 71V/2.80A	92%	0.96	191*74.8
LTP-240Y036	240	14 ~ 36	4.00 ~ 7.05	6.67 ~ 7.05	14 ~ 36V/6.67A	91%	0.96	191*74.8
LTP-240Y062	240	21 ~ 62	3.22 ~ 5.71	3.87 ~ 5.71	21 ~ 54V/4.44A	92%	0.96	191*74.8
LTP-240Y342	240	114 ~ 342	0.63 ~ 1.05	0.70 ~ 1.05	114 ~ 342V/0.70A	93%	0.96	191*74.8

Note: 1. Y can be V, M or D;

V stands for models with ADJ. hole for adjusting output current;

M stands for models with ADJ. hole for adjusting output current and with 0-10V,PWM dimming;

D stands for models with ADJ. hole for adjusting output current and with DALI dimming(only applicable to 160 ~ 240W 36V&62V output);

2.LTP -120 Series only CE certification.

DALI Programmable LED Driver



Features

- ▶ Universal input voltage: 90 ~ 305Vac;
- ▶ Constant power design, outputs programmable;
- ▶ Equipped with interactive visual software to customize output setting;
- ▶ DALI dimming control, can be dim-to-off;
- ▶ LXP series 12V/0.3A auxiliary power supply is optional;
- ▶ LXP series output is isolated with dimming signal;
- ▶ LXP series stand-by power consumption <0.5W;
- ▶ Multiple protection: SCP / OVP / OTP;
- ▶ Surge protection:
 - LCP series: line-line 5KV
 - LUP series: line-line 5KV, line-earth 10KV
 - LTP series: line-line 4KV, line-earth 6KV
 - LUC series: line-line 2KV, line-earth 4KV;
- ▶ Ambient temperature:
 - LXP/LTP series: -40°C ~ +60°C
 - LUC series: -30°C ~ +60°C ;
- ▶ Degrees of protection:
 - LXP/LUC series: IP67
 - LTP series: IP65;
- ▶ 5 years warranty.

Application

- ▶ LED street lighting, industrial lighting, and landscape lighting.

Product Selection Guide

Model	Power (W)	Output voltage range (Vdc)	Output current adjustable range (A)	Full power current adjustable range (A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm	Certification
LUC-025D062H	25	20 ~ 62	0.21 ~ 0.42	0.42	86%	0.98	173*47.6*35	CCC CE CB TUV
LUC-042D062H	42	20 ~ 62	0.42 ~ 0.83	0.70 ~ 0.83	86%	0.98	173*47.6*35	
LXP-075D041Y *	75	20 ~ 41	0.27 ~ 2.68	1.83 ~ 2.68	87%	0.95	178*68*43.5	CCC CE CB TUV ENEC
LXP-075D062Y	75	20 ~ 62	0.19 ~ 1.88	1.21 ~ 1.88	87%	0.95	178*68*43.5	
LXP-075D141Y	75	60 ~ 141	0.11 ~ 1.10	0.53 ~ 1.10	87%	0.96	178*68*43.5	
LXP-120D041Y	120	20 ~ 41	0.43 ~ 4.29	2.93 ~ 4.29	90%	0.96	217*68*43.5	
LXP-120D062Y	120	20 ~ 62	0.3 ~ 3.00	1.93 ~ 3.00	90%	0.96	217*68*43.5	
LXP-120D170Y	120	60 ~ 170	0.14 ~ 1.40	0.70 ~ 1.40	91%	0.96	217*68*43.5	
LXP-120D305Y	120	120 ~ 305	0.07 ~ 0.70	0.40 ~ 0.70	91%	0.96	217*68*43.5	
LXP-150D036Y	150	20 ~ 36	0.54 ~ 5.36	4.17 ~ 5.36	90%	0.96	217*68*43.5	
LXP-150D054Y	150	20 ~ 54	0.42 ~ 4.20	2.80 ~ 4.20	90%	0.96	217*68*43.5	
LXP-150D120Y	150	60 ~ 120	0.21 ~ 2.10	1.25 ~ 2.10	90%	0.96	217*68*43.5	
LXP-150D214Y	150	80 ~ 214	0.11 ~ 1.10	0.70 ~ 1.10	90%	0.96	217*68*43.5	
LXP-150D335Y	150	176 ~ 335	0.07 ~ 0.70	0.45 ~ 0.70	91%	0.96	217*68*43.5	
LXP-200D041Y	200	20 ~ 41	0.70 ~ 7.00	4.88 ~ 7.00	90%	0.96	247*68*43.5	CE, CB TUV ENEC UL, SAA Class P
LXP-200D062Y	200	20 ~ 62	0.50 ~ 5.00	3.23 ~ 5.00	92%	0.96	247*68*43.5	
LXP-200D445Y	200	230 ~ 445	0.07 ~ 0.70	0.45 ~ 0.70	92%	0.96	247*68*43.5	
LXP-240D041Y	240	20 ~ 41	0.75 ~ 7.50	5.86 ~ 7.50	91%	0.96	247*68*43.5	
LXP-240D062Y	240	20 ~ 62	0.52 ~ 5.20	3.87 ~ 5.20	92%	0.96	247*68*43.5	
LXP-240D180Y	240	80 ~ 180	0.21 ~ 2.10	1.33 ~ 2.10	92%	0.96	247*68*43.5	
LXP-240D368Y	240	190 ~ 368	0.11 ~ 1.10	0.65 ~ 1.10	93%	0.96	247*68*43.5	
LTP-160D036	160	14 ~ 36	4.00 ~ 5.71	4.44 ~ 5.71	91.5%	0.96	Φ152*H69.3	
LTP-160D062	160	21 ~ 62	2.20 ~ 3.80	2.58 ~ 3.80	91.5%	0.96	Φ152*H69.3	
LTP-200D036	200	14 ~ 36	4.00 ~ 7.14	5.55 ~ 7.14	91%	0.96	Φ191*H74.8	
LTP-200D062	200	21 ~ 62	3.22 ~ 4.76	3.22 ~ 4.76	92%	0.96	Φ191*H74.8	
LTP-240D036	240	14 ~ 36	4.00 ~ 7.05	6.67 ~ 7.05	91%	0.96	Φ191*H74.8	
LTP-240D062	240	21 ~ 62	3.22 ~ 5.71	3.87 ~ 5.71	92%	0.96	Φ191*H74.8	

- ▶ Note: 1. X=U, Class I; X=C, Class II.
- 2. Y=A12, Output with 12V/0.3A auxiliary power supply.