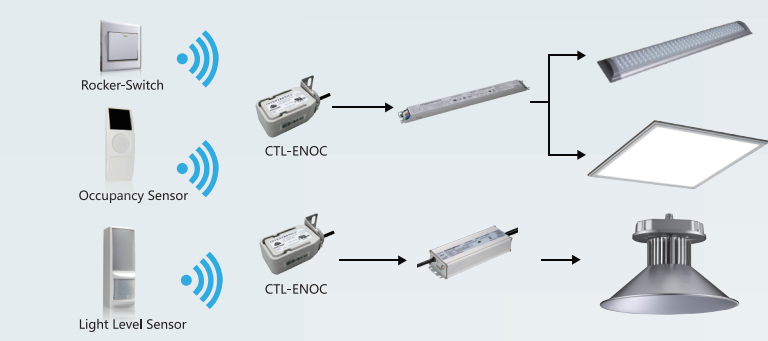
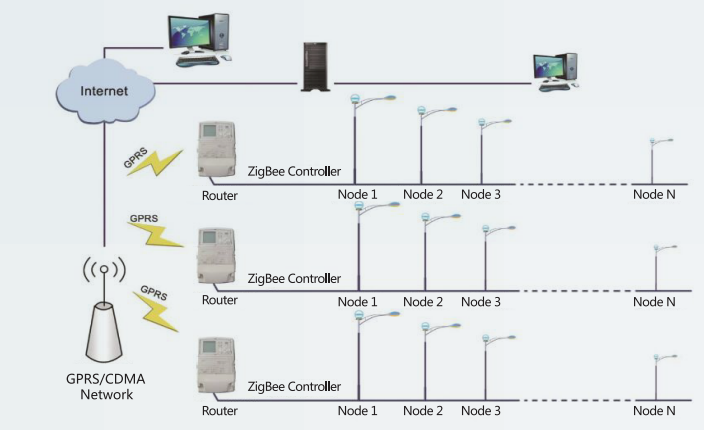


Wireless Dimming Control

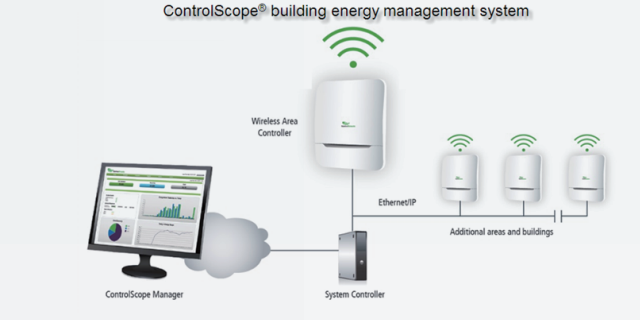
EnOcean



ZigBee

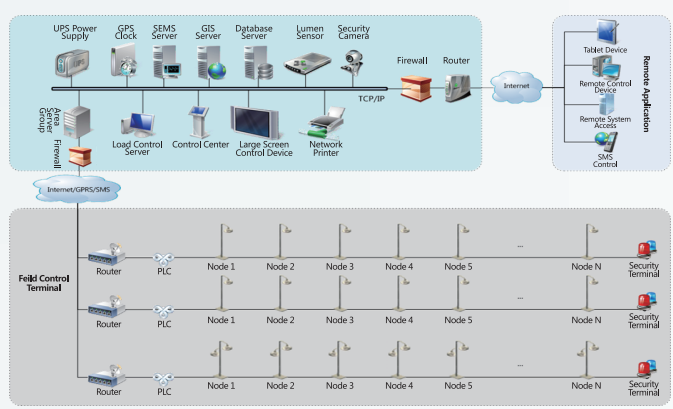


Daintree



The CNV-ZIGB is a wireless dimming signal converter that enables one or more Inventronics LED drivers to be controlled by an open standards ZigBee coordinator or system, such as the Daintree Networks® ControlScope® building control solution.

PLC



CTL-ENOC-XX is a 0-10V wireless dimmer compatible with EnOcean wireless switches and sensors.

INVENTRONICS

About us

Headquartered in Hangzhou, China, Inventronics is a sino-us world class enterprise specializing in the design, manufacture, marketing and sales of reliable & innovative LED driver products, now a leading supplier of LED drivers to the global market.

The company's founder Dr. Guichao Hua has an international impact on the power supply industry and is a member of China's "Recruitment Program of Global Experts". Bringing together numerous outstanding R&D and management experts, Inventronics has a large professional R&D center, a postdoctoral program and a world-class safety laboratory. With its excellent innovation capability, Inventronics participates in multiple government programs such as the National Science & Technology Support Program, National 863 Program., etc. As of June 30, 2015, Inventronics and its U.S. subsidiary hold a total of 191 patents including 13 U.S. invention patents and 93 Chinese invention patents.

Inventronics was awarded the "Zhejiang Well-known Trademark." With its widely recognized brand and excellent reputation in global markets, Inventronics LED drivers have been sold in approximately 50 countries in all regions of the world including China, North America, Europe, Japan, Korea, South America, Southeast Asia and the Middle East. Inventronics' drivers have been successfully deployed in the LED lighting systems of many well-known landmarks including the Chongqing grand theatre; the longest sea bridge in the world, the Tsingtao Great Intercontinental Bridge; the Chongqing Yuyu Highway Beibei segment as well as the East Span of the Bay Bridge in San Francisco, USA.

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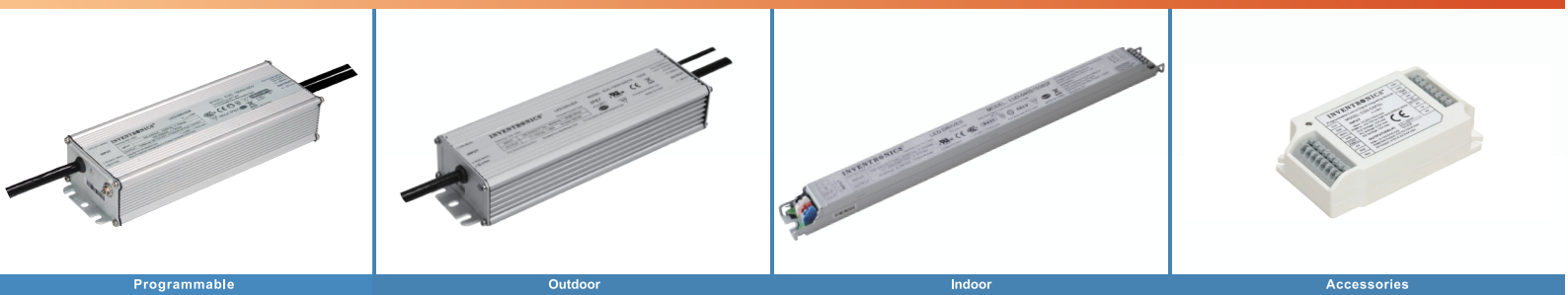
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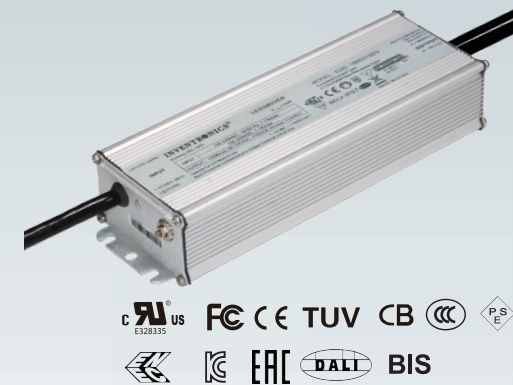
LED DRIVER



Driving the Lighting Revolution

www.inventronics-co.com

Programmable LED Driver



Features

- Ultra High Efficiency (Up to 95.0%)
- Full Power at Wide Output Current Range (Constant Power)
- 0-10V/PWM/Timer Dimmable
- Input Surge Protection: 6kV line-line, 10kV line-earth
- All-Around Protection: OVP, SCP, OTP
- Waterproof (IP67) and UL Dry / Damp Location
- Class 2 & SELV Output
- Class I, Class II Options
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- TYPE TL[#]
- THD < 10%[#]
- Dim-to-off with Standby Powers ≤ 0.5W^{*}
- Auxiliary Power Always On: 12 Vdc 200 mA^{*}
- Thermal Sensing and Protection for LEDs^{*}
- Output Lumen Compensation^{*}

Programmable & DALI LED Driver with Dim-to-Off — EUD

[#] For EUG

Output Power (W)	AC Input Voltage (Vac)	DC Output Current (mA)	Eff.@220Vac	Calculated MTBF (Khours)	Lifetime (Khours)	Dimensions(L×W×H) (mm)	Model No.
75	90~305	450~2800	91.5%	200	100 Tc=70°C	155×67.5×36.5	EUD-075SxxxDT/DV
96	90~305	450~3600	91.0%	212	111 Tc=60°C	194×67.5×36.5	EUD-096SxxxBT/BV/DT/DV
100	90~305	700~2100	93.0%	247	101 Tc=70°C	190×67.5×36.5	EUD-100SxxxDD ★
150	90~305	650~5200	92.0%	236	120 Tc=60°C	217×67.5×39.5	EUD-150SxxxBT/BV
150	90~305	700~1050	92.0%	253	120 Tc=85°C	241×67.5×39.7	EUD-150S105DTL/DVL
150	90~305	700~5600	94.0%	228	100 Tc=70°C	204×67.5×39.5	EUD-150SxxxBT/BV/DT/DV
150	90~305	700~2100	93.5%	270	100 Tc=60°C	204×67.5×39.5	EUD-150SxxxDDA ★
200	90~305	700~4900	93.5%	341	120 Tc=60°C	224×67.5×39.5	EUD-200SxxxBT/BV/GT/GV
200	90~305	700~4900	93.5%	341	120 Tc=60°C	224×67.5×39.5	EUD-200SxxxDT/DV-0000
200	90~305	700~1500	93.5%	288	120 Tc=60°C	224×67.5×39.5	EUD-200SxxxBD ★
200	90~305	700~1500	93.0%	288	100 Tc=60°C	224×67.5×39.5	EUD-200SxxxDD ★
240	90~305	700~6600	93.0%	234	97 Tc=60°C	231×67.5×39.5	EUD-240SxxxBT/BV/DT/DV
320	90~305	1050~6700	94.0%	200	75 Tc=70°C	225×98×44.5	EUD-320SxxxDT/DV
600	90~305	2240~9800	95.0%	200	87 Tc=70°C	250×144×48.5	EUD-600SxxxDT/DV

★ Class II

Programmable LED Driver — EUG

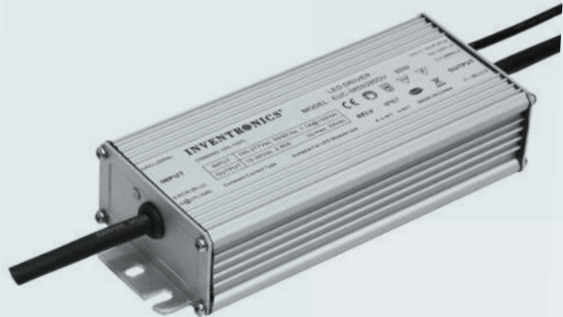
Output Power (W)	AC Input Voltage (Vac)	DC Output Current (mA)	Eff.@220Vac	Calculated MTBF (Khours)	Lifetime (Khours)	Dimensions(L×W×H) (mm)	Model No.
75	90~305	450~2800	91.0%	328	99 Tc=70°C	150×67.5×36.5	EUG-075SxxxDT/DV
96	90~305	450~3600	93.0%	339	80 Tc=70°C	174×67.5×36.5	EUG-096SxxxDT/DV
150	90~305	450~5600	93.5%	271	78 Tc=70°C	188×67.5×39.5	EUG-150SxxxDT/DV
200	90~305	700~5600	94.0%	230	95 Tc=70°C	200×67.5×39.5	EUG-200SxxxDT/DV
240	90~305	700~6700	94.0%	218	86 Tc=70°C	212×67.5×39.5	EUG-240SxxxDT/DV

Programmable LED Driver — EBD

Output Power (W)	AC Input Voltage (Vac)	DC Output Current (mA)	Eff.@220Vac	Calculated MTBF (Khours)	Lifetime (Khours)	Dimensions(L×W×H) (mm)	Model No.
75	176~305	700~2500	90.5%	346	120 Tc=60°C	150×67.5×36.5	EBD-075SxxxDV
100	176~305	700~2800	90.5%	239	120 Tc=60°C	170×67.5×36.5	EBD-100SxxxDV
150	176~305	700~4200	93.0%	305	95.5 Tc=60°C	180×68×40.5	EBD-150SxxxDVA
200	176~305	700~5600	94.0%	204	120 Tc=60°C	194×67.5×39.7	EBD-200SxxxDV
240	176~305	700~6600	94.0%	200	120 Tc=60°C	204×67.5×39.5	EBD-240SxxxDV
250	176~305	700~1050	93.0%	287	118 Tc=60°C	188×88×38	EBD-255S105DV

2016

Outdoor Single-Channel
CC LED Driver



► Features

- High Efficiency (Up to 94%)
- Active Power Factor Correction (Typical 0.95)
- Constant Current Output
- Waterproof (IP66/IP67) and UL Dry / Damp / Wet Location
- 0-10V Dimming Control Option
- All-Around Protection: OVP, SCP, OLP, OTP
- Class 2 & SELV Output
- Class I, II Options
- Input Surge Protection: 4kV line-line, 6kV line-earth
- Input Over-Voltage Protection and Under Voltage *

Output Power (W)	AC Input Voltage (Vac)	DC Output Current (mA)	Eff.@220Vac	Calculated MTBF (Khours)	Lifetime (Khours)	Dimensions(L×W×H) (mm)	Model No.
26	108~305	350~700	88.5%	600	84 Tc=70°C	80×64×32	EUC-026SxxxSTM
35	108~305	500~1050	TBD	TBD	TBD	80×64×32	EUC-035SxxxSTM * ✖
45	108~305	500~1800	TBD	TBD	TBD	95×64×32	EUC-045SxxxSTM * ✖
60	108~305	500~1800	TBD	TBD	TBD	95×64×32	EUC-060SxxxSTM * ✖
36	90~305	350~1750	89.0%	371	111.7 Tc=60°C	172×42.4×34	EUC-036SxxxDT/DV/ST/SV
42	90~305	350~1400	90.0%	573	120 Tc=60°C	114×67.5×36.5	EUC-042SxxxDTM/DVM/STM/SVM
42	90~305	700	88.0%	582	80 Tc=70°C	114×67.5×36.5	EUC-042S070DDM/SDM ★
52	90~305	350~2100	90.0%	321	93.3 Tc=60°C	172×42.4×34	EUC-052SxxxDT/DV/ST/SV
60	90~305	350~5000	90.0%	367	112.8 Tc=60°C	150×67.5×36.5	EUC-060SxxxST/SV
75	90~305	700	91.0%	514	118 Tc=60°C	158×67.5×36.5	EUC-075S070DVI/SVI
75	90~305	700	90.0%	380	118 Tc=60°C	150×67.5×36.5	EUC-075S070DD/SD ★
85	90~305	350~2800	91.0%	237	101 Tc=60°C	150×67.5×36.5	EUC-085SxxxDT/DV/ST/SV
120	90~305	350~4900	91.0%	250	67.2 Tc=60°C	194×67.5×36.5	EUC-120SxxxDT/DV/ST/SV
150	90~305	700	92.5%	383	120 Tc=60°C	199×67.5×39.5	EUC-150S070DDA/SDA ★
200	90~305	700~4900	93.5%	341	120 Tc=60°C	224×67.5×39.5	EUD-200SxxxDT/DV/ST/SV-00A0
320	90~305	1050~6200	94.0%	202	103 Tc=60°C	224×98×44.5	EUC-320SxxxDT/DV/ST/SV
42	160~305	700~1050	88%	495	120 Tc=60°C	140×42.4×34	EBC-042S105SV/DV
60	160~305	700~1800	90.5%	438	120 Tc=60°C	172×42.4×34	EBC-060SxxxSV/DV
75	176~305	700~2500	89.5%	346	120 Tc=60°C	150×67.5×36.5	EBC-075SxxxSV
100	176~305	700~2800	91.0%	239	120 Tc=60°C	170×67.5×36.5	EBC-100SxxxSV
150	176~305	700~4200	93.5%	305	95.5 Tc=60°C	180×68×40.5	EBC-150SxxxSVA
200	176~305	700~5600	94.0%	204	120 Tc=60°C	194×67.5×39.7	EBC-200SxxxSV
240	176~305	700~6600	94.0%	200	120 Tc=60°C	204×67.5×39.7	EBC-240SxxxSV
255	176~305	700~1050	93.0%	287	118 Tc=60°C	188×88×38	EBC-255S105SV

❄ -55°C Ta ★ Class II ✖ Under Development

High Voltage Input LED Driver



► Features

- Ultra High Efficiency (Up to 94.5%)
- Input Surge Protection:4kV line-line, 6kV line-earth or 6kV line-line, 10kV line-earth
- All-Around Protection: OVP, SCP, OTP, OCP
- Class 2 Output
- Suitable for UL Dry / Damp Location
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- Full Power at Wide Output Current Range (Constant Power) *
- Thermal Sensing and Protection for LED Module *
- 0-10V/PWM/Timer Dimmable *
- Dim-to-Off with Standby Power ≤ 1.5 W *
- Auxiliary Power Always On: 12 Vdc 200 mA *
- Output Lumen Compensation *

* For ESD

Programmable LED Driver with Dim-to-Off

Output Power (W)	AC Input Voltage (Vac)	DC Output Current (mA)	Eff.@220Vac	Calculated MTBF (Khours)	Lifetime (Khours)	Dimensions(L×W×H) (mm)	Model No.
96	249~528	450~3600	90.5%	211	103 Tc=60°C	212×67.5×36.5	ESD-096SxxxDT
150	249~528	700~5600	94.5%	203	75 Tc=70°C	221×67.5×39.7	ESD-150SxxxDT
240	249~528	700~6600	94.0%	209	103 Tc=60°C	241×67.5×39.5	ESD-240SxxxDT
320	249~528	1050~6200	94.5%	200	110 Tc=60°C	234×98×44.5	ESD-320SxxxDT

Constant Current LED Driver

Output Power (W)	AC Input Voltage (Vac)	DC Output Current (mA)	Eff.@220Vac	Calculated MTBF (Khours)	Lifetime (Khours)	Dimensions(L×W×H) (mm)	Model No.
40	312~528	350~2100	89.0%	459	87 Tc=60°C	95×70×32	LTC-040SxxxDSP/SSP ✖
75	249~528	350~3150	88.0%	250	61.9 Tc=60°C	188×88×38	ESC-075SxxxDT/ST
150	249~528	580~4200	91.0%	260	140 Tc=60°C	188×93.9×43.5	ESC-150SxxxDT/ST

✖ Indoor

Constant Voltage LED Driver

Output Power (W)	AC Input Voltage (Vac)	DC Output Voltage (V)	Eff.@220Vac	Calculated MTBF (Khours)	Lifetime (Khours)	Dimensions(L×W×H) (mm)	Model No.
150	249~528	12~48	94.5%	375	104 Tc=70°C	221×67.5×39.5	ESV-150SxxxST
300	249~528	24~48	90.0%	201	79 Tc=60°C	224×93.9×43.5	ESV-300SxxxST
300	312~528	24~48	91.0%	210	120 Tc=60°C	224×93.9×43.5	ETV-300SxxxST
500	312~528	24~48	94.5%	215	119 Tc=60°C	264×108×45.5	ETV-500SxxxST

Single-Channel CV LED Driver



► Features

- High Efficiency (Up to 95%)
- Constant Voltage Output
- Input Surge Protection: 4kV line-line, 6kV line-earth
- All-Around Protection: OVP, OCP, SCP, OTP
- Waterproof (IP67) and UL Dry / Damp / Wet Location
- Class 2 and SELV Output
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location

Output Power (W)	AC Input Voltage (Vac)	DC Output Voltage (V)	Eff.@220Vac	Calculated MTBF (Khours)	Lifetime (Khours)	Dimensions(L×W×H) (mm)	Model No.
36	90~305	24~48	87.0%	371	111.7 Tc=60°C	172×42.4×34	EUV-036SxxxST/SV
52	90~305	24~48	88.0%	321	93.3 Tc=60°C	172×42.4×34	EUV-052SxxxST/SV
76	90~305	12~54	90.0%	395	51 Tc=60°C	150×67.5×36.5	EUV-076SxxxSD/SS/ST/SV
96	90~305	24~54	91.0%	202	56.6 Tc=60°C	174×67.5×36.5	EUV-096SxxxST/SV
100	90~305	12~54	93.0%	338	50 Tc=65°C	184×67.5×36.5	EUV-100SxxxST/SV
150	90~305	12~54	93.0%	260	77.2 Tc=60°C	199×67.5×39.5	EUV-150SxxxST/SV
200	90~305	12~54	92.5%	276	95.2 Tc=60°C	199×67.5×39.5	EUV-200SxxxST/SV
250	90~305	12~54	93.5%	250	59.4 Tc=60°C	224×88×33.5	EUV-250SxxxST/SV
300	90~305	12~54	93.0%	278	58 Tc=60°C	224×98×44.5	EUV-300SxxxST/SV
500	176~305	24~48	95.0%	232	117 Tc=60°C	264×108×45.5	EBV-500SxxxST/SV

Multiple-Channel CC LED Driver



► Features

- High Efficiency (Up to 92.5%)
- Multiple Channels Output
- Active Power Factor Correction (0.99 Typical)
- Constant Current Output
- Input Surge Protection: 4kV line-line, 6kV line-earth
- All-Around Protection: SCP, OTP, OVP
- Waterproof (IP67) and Damp & Wet Location
- Class 2 and SELV Output
- 0-10V Dimming Control Option *
- 5% Minimum Dimming Level *
- Independent Class II *

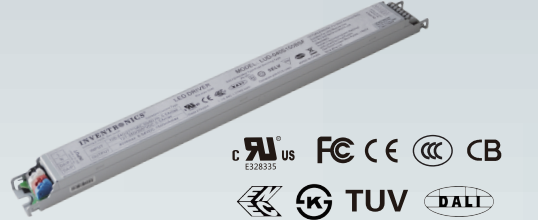
* For LUC

Output Power (W)	AC Input Voltage (Vac)	DC Output Current (mA)	Eff.@220Vac	Calculated MTBF (Khours)	Lifetime (Khours)	Dimensions(L×W×H) (mm)	Model No.
42	90~305	450~700	87.0%	471	87.9 Tc=60°C	213×43.5×30.0	LUC-042DxxxDDM/SDM/DSM/SSM ✖
66	90~305	450~700	87.0%	304	116 Tc=60°C	273.3×43.5×30.0	LUC-066TxxxDDM/SDM/DSM/SSM ✖
72	90~305	450~700	86.0%	202	84 Tc=60°C	273.3×43.5×30.0	LUC-072QxxxDDM/SDM/DSM/SSM ✖
108	90~305	700~1400	91.0%	277	93.5 Tc=60°C	188×88×38	EUC-108TxxxDT/ST
120	90~305	2100	90.0%	292	103 Tc=70°C	188×88×38	EUC-120D210DT/ST
120	90~305	350~1400	92.0%	288	98 Tc=60°C	188×88×38	EUC-120TxxxDT/DV/ST/SV
144	90~305	700~1400	91.0%	383	95 Tc=60°C	188×88×38	EUC-144QxxxDT/ST
160	90~305	350~1400	92.0%	306	94.8 Tc=60°C	188×88×38	EUC-160QxxxDT/DV/ST/SV
180	90~305	2100	91.0%	257	71 Tc=70°C	213.5×82×38	EUC-180T210DT/ST
180	90~305	700~1400	92.0%	326	101 Tc=60°C	214×82×38	EUC-180PxxxDT/ST
200	90~305	350~1400	92.5%	224	83.5 Tc=60°C	214×82×38	EUC-200PxxxDT/DV/ST/SV
240	90~305	350~1400	91.0%	201	101 Tc=60°C	210×100×38	EUC-240HxxxDT/DV/ST/SV

✖ Indoor

Indoor Constant Current
LED Driver

► Programmable



► Features

- Dim-to-Off with Standby Power ≤0.5 W
- Always-On Auxiliary Power: 12 Vdc, 200 mA
- Thermal Sensing and Protection for LED Module
- Flicker-Free
- Full Power at 50% -100% Max Current (Constant Power)
- Dimmable to 5% by 0-10V/PWM/DALI/Timer
- Output Lumen Compensation

Output Power (W)	AC Input Voltage (Vac)	DC Output Current (mA)	Eff.@220Vac	Calculated MTBF (Khours)	Lifetime (Khours)	Dimensions(L×W×H) (mm)	Model No.
40	90~305	350~1500	88.0%	210	96 Tc=60°C	333×30×21	LUD-040SxxxDSF/BSF
60	90~305	385~2100	90.0%	217	120 Tc=60°C	378×30×21	LUD-060SxxxDS2/BS2 ✖

✖ Under Development

► Single-Channel



► Features

- High Efficiency (Up to 90%@220Vac)
- Constant Current Output
- 0-10V/Triac Dimmable
- All-around Protection: OVP, SCP, OTP
- Class II, SELV and Class 2

Output Power (W)	AC Input Voltage (Vac)	DC Output Current (mA)	Eff.@220Vac	Calculated MTBF (Khours)	Lifetime (Khours)	Dimensions(L×W×H) (mm)	Model No.
10	90~305	350~700	80.0%	459	63.5 Tc=60°C	83.5×41.5×25	LUC-010SxxxSSM/DSM
12	90~305	350~700	81.0%	459	90 Tc=60°C	83.5×41.5×25	LUC-012SxxxSSM/DSM
12	90~305	350~700	81.0%	459	90 Tc=60°C	104.5×42×30.5	LUC-012SxxxSSP/DSP
18	90~305	350~1050	85.0%	236	113 Tc=60°C	120×42×30.5	LUC-018SxxxSSP/DSP
18	90~264	350~1050	86.0%	434	77.8 Tc=60°C	120×42×30.5	LWC-018SxxxSSP
18	90~264	350~1050	86.0%	434	77.8 Tc=60°C	134.5×41.5×30	LWC-018SxxxSSE
24	90~305	350~1050	85.0%	307	67 Tc=60°C	160×40×30	LUC-024SxxxSSW/DSW
24	90~305	350~1050	86.0%	291	100 Tc=60°C	120×42×30.5	LUC-024SxxxSSP/DSP
24	90~264	350~1050	86.0%	400	71.1 Tc=60°C	120×42×30.5	LWC-024SxxxSSP
24	90~264	350~1050	86.0%	400	71.1 Tc=60°C	134.5×41.5×30	LWC-024SxxxSSE
26	90~305	350~1750	86.0%	200	91.1 Tc=60°C	78×80×27	EUC-026SxxxPS/DS
28	176~264	350~1050	85.0%	200	51.9 Tc=60°C	95×70×32	LHC-028SxxxRSP
28	90~132	350~1050	86.0%	200	51.7 Tc=60°C	95×70×32	LLC-028SxxxRSP
40	90~132	350~1050	86.0%	448	62.5 Tc=60°C	135×44×30.5	LLC-040SxxxRSP
42	90~305	350~1750	90.0%	327	116 Tc=60°C	95×70×32	EUC-042SxxxPS/DS
42	90~305	350~2100	90.0%	235	80.5 Tc=60°C	120×81.5×32	LUC-042SxxxSSW/DSW
48	90~305	900~1400	89.5%	392	117 Tc=60°C	95×70×32	LUC-048SxxxSSP/DSP

► Slim Case



► Features

- High Efficiency (Up to 87.5%)
- Constant Current Output
- 0-10V Dimmable with High Accuracy
- 5% Minimum Dimming Level
- Flicker-Free
- All-Around Protection: OVP, SCP, OTP
- Class 2 & SELV Output
- Double & Reinforced Insulation

Output Power (W)	AC Input Voltage (Vac)	DC Output Current (mA)	Eff.@220Vac	Calculated MTBF (Khours)	Lifetime (Khours)	Dimensions(L×W×H) (mm)	Model No.
26	90~305	350~700	87.0%	406	120 Tc=60°C	227×30×25	LUC-026SxxxDSF
40	90~305	530~1050	87.5%	488	120 Tc=60°C	313×30×25	LUC-040SxxxDSF
52	90~305	700~1400	86.5%	246	110 Tc=60°C	313×30×25	LUC-052SxxxDSF