

COMPANY



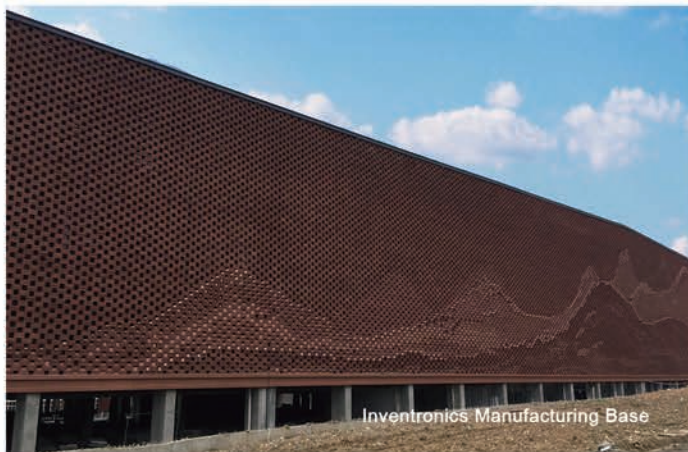
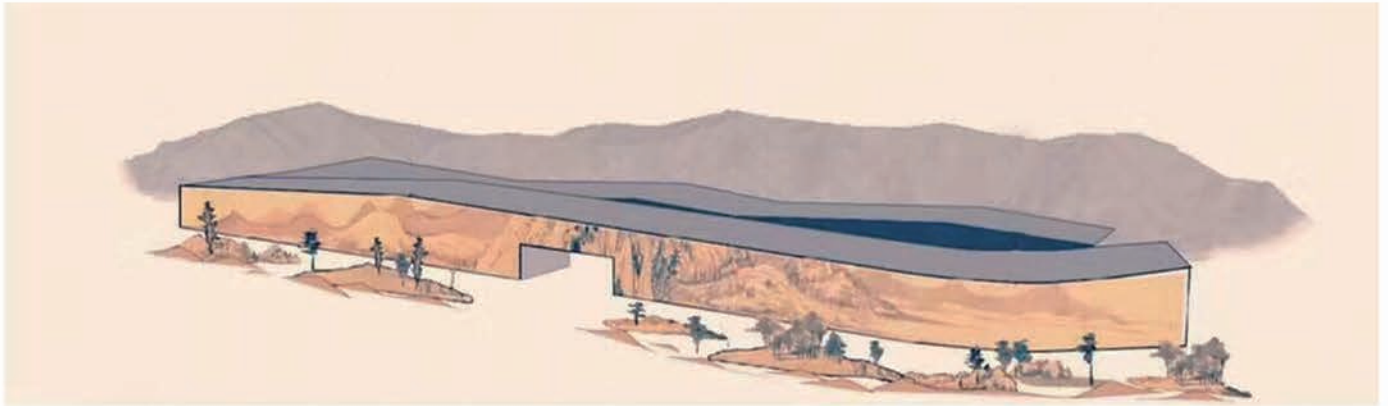
Headquartered in Hangzhou, China, Inventronics is a Sino-US world class enterprise specializing in the design, manufacture, marketing and sales of reliable & innovative LED driver products, now a leading supplier of LED drivers to the global market.

The company 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, 2016, Inventronics and its U.S. subsidiary hold a total of 239 patents including 20 U.S. invention patents and 110 Chinese invention patents. With its widely recognized brand and excellent reputation in global markets, Inventronics LED drivers have been sold in more than 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; Shanghai Tower as well as the East Span of the Bay Bridge in San Francisco, USA.

Company History

- 2007: Inventronics established
- 2009: Inventronics USA founded
- 2012: Launch Intelligent LED Driver and a comprehensive solution for LED power supply
- 2013: Designated a key High-tech Enterprise of the National Torch Plan
- 2014: Inventronics Japan Office founded
- 2015: Products are sold in more than 50 countries and regions
- 2016: Inventronics Science and Technology completed, Inventronics Europe founded
- 2017: Inventronics becomes a public listed company



Inventronics Tonglu LED Driver Industrial Park locates in Tonglu Economic Development Zone, which is beside the national road and expressway and is seamlessly connected to Tonglu downtown. Around by Hangzhou-Huangshan High-Speed Rail Complex Structure, Hangzhou College of Commerce of ZJGSU, and Hikvision Tonglu Security Industrial Base, this Industrial Park is an important member of Tonglu Intelligent Security Town, a provincial characteristic town of Zhejiang. Also the Industrial Park covers net site area of 204,355m² and net floor area of 316,765m² combined by plant, dormitory, cafeteria and R&D buildings. The whole project is developed under 3 phases, and now we have finished the 1st phase.

Inventronics' manufacturing facility covers an area of 75,000m². Inventronics' production line consists of SMT lines, PCBA assembly lines, testing and packaging lines, monitoring equipments, and a self-owned Safety Lab and Reliability Testing Lab. Inventronics provides customers with high-quality products using scientific production control processes and innovative production technologies.

- 75,000m² manufacturing facility
- 1Mpcs monthly capacity
- Traceable quality control system
- RoHS/REACH compliant
- Anti-ESD control





Data as of June 30, 2016, Inventronics acquires 239 authorized patents, 20 US & 110 Chinese patents for invention. Relying on its technology and strength of innovation, Inventronics has already built up a portfolio of intellectual property. We are still consolidating and strengthening the technology foundation in LED power supply area in order to develop our competitiveness.



- Own safety lab conforming to ISO/IEC 17025:2005
- American UL CTDTP and WTDTP authorized safety lab
- TÜV Rheinland TMPL authorized safety lab





Test Center

Verification Tests

- SVT to ensure product meets specification
- DVT to ensure products are robust
- Thermal Test to verify performance over temperature range
- Lifetime and MTBF Test
- Stress Test to ensure performance at the component level
- EMC Test
- Surge Protection Test
- Environmental Test to verify reliability



Design Verification Test



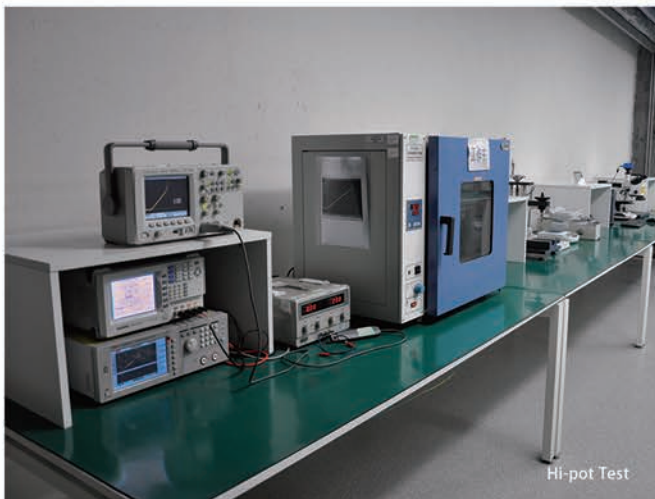
Surge Test



Thermal Test



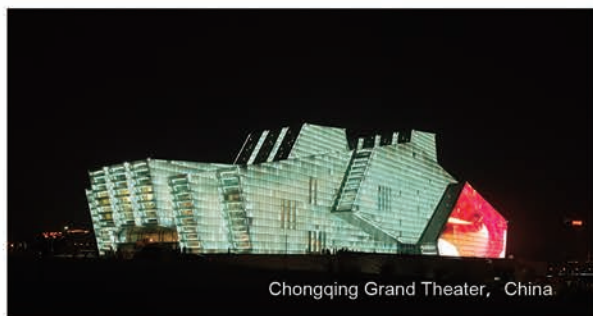
Thermal Shock Test

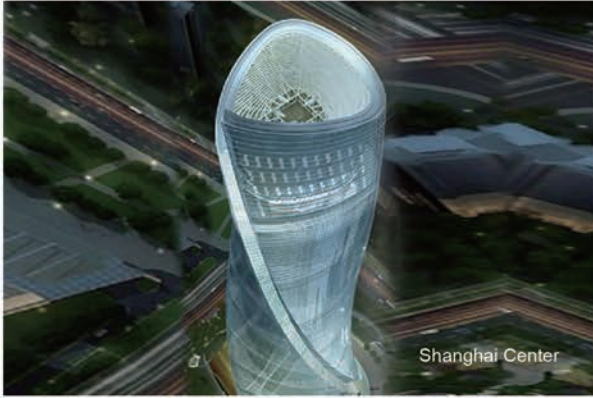


Hi-pot Test



Burn-in Test





Shanghai Center



American Airlines, Dallas/Fort Worth(DFW) Hangar, USA



Yuandang Lake, Xiamen, China



Berchem 7 groot Luxemburg



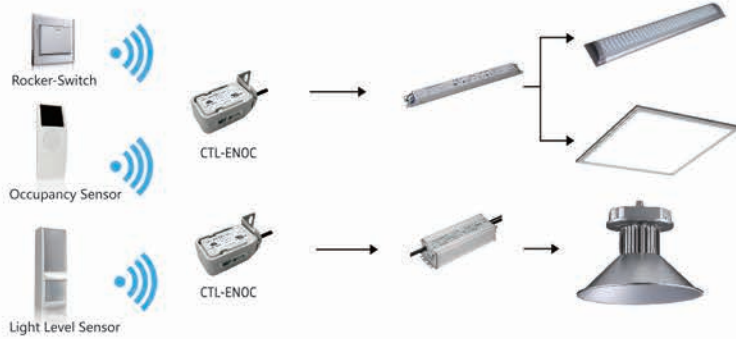
23 Avenue, St Paul, Brazil





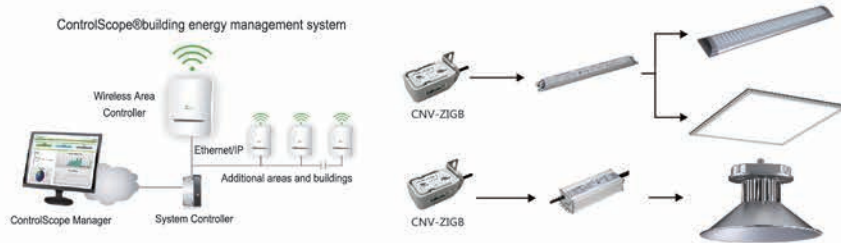
INTELLIGENT SOLUTION

EnOcean



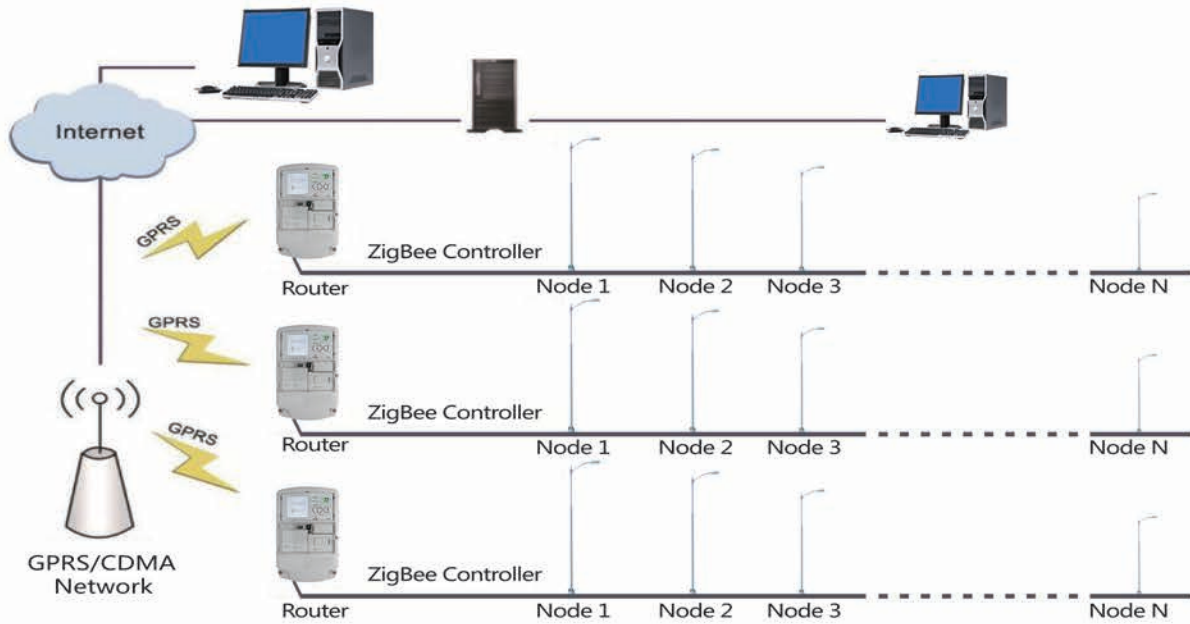
CTL-ENOC-XX is a 0-10V wireless dimmer compatible with EnOcean wireless switches and sensors.

Daintree

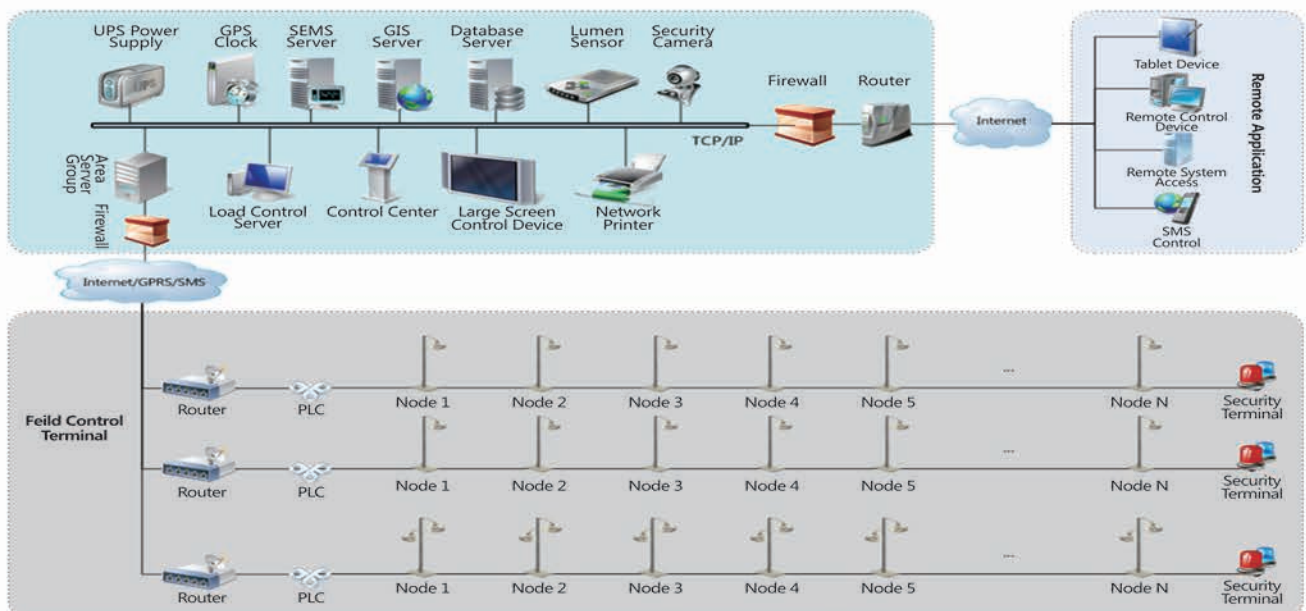


The **CNV-ZIGB** is a wireless dimming signal converter that enables one or more Inventronics LED drivers to be controlled by an open standard ZigBee coordinator or system, such as the Daintree Networks® ControlScope® building control solution.

ZigBee



PLC



E U D - 150 S 105 D T A

Series 1 Alpha Character

E Outdoor LED Driver
L Indoor LED Driver

Input Range 1 Alpha Character

U 90-305Vac
W 90-264Vac
L 90-132Vac
H 176-264Vac
B 176-305Vac
S 249-528Vac
T 312-528Vac

Type 1 Alpha Character

V Constant Voltage Output
C Constant Current Output
D/G Adjustable Output Current with Digital Interface
B Adjustable Output Current with Potentiometer
R Round Shape Design with AOC Function
S Short Case with Push Terminals
P Adjustable Output Current with Dip-switch
L Limited Warranty

Output Power 3 Numeric Characters

150 150W
075 75W

No. of Outputs 1 Alpha Character

S Single
D Dual
T Triple
Q Quad
P Pentad
H Hexad

Output Voltage/Current 3 Numeric Characters

054	54V	999	9.99A*
048	48V	140	1400mA*
036	36V	105	1050mA*
024	24V	070	700mA*
012	12V	035	350mA*

* Maximum Output Current

Case & Application Feature 1 Alpha Character

- Outdoor Products
A New Enhanced Outdoor Product
M Outdoor/Indoor Metal Case (Normal Rectangle)
Y Outdoor/Indoor Extremely Cold Application down to -55°C
F Indoor Long and Slim Metal Case
C Outdoor/Indoor High Accuracy Output Current
P Indoor Standard Plastic Case
E Indoor Standard Plastic Case with Terminal Block
W Independent Indoor Standard Plastic Case with Terminal Block
L Outdoor/Indoor Long Lifetime
G Indoor Studs Box Type
2 Second Generation

Input Cable Indicator 1 Alpha Character

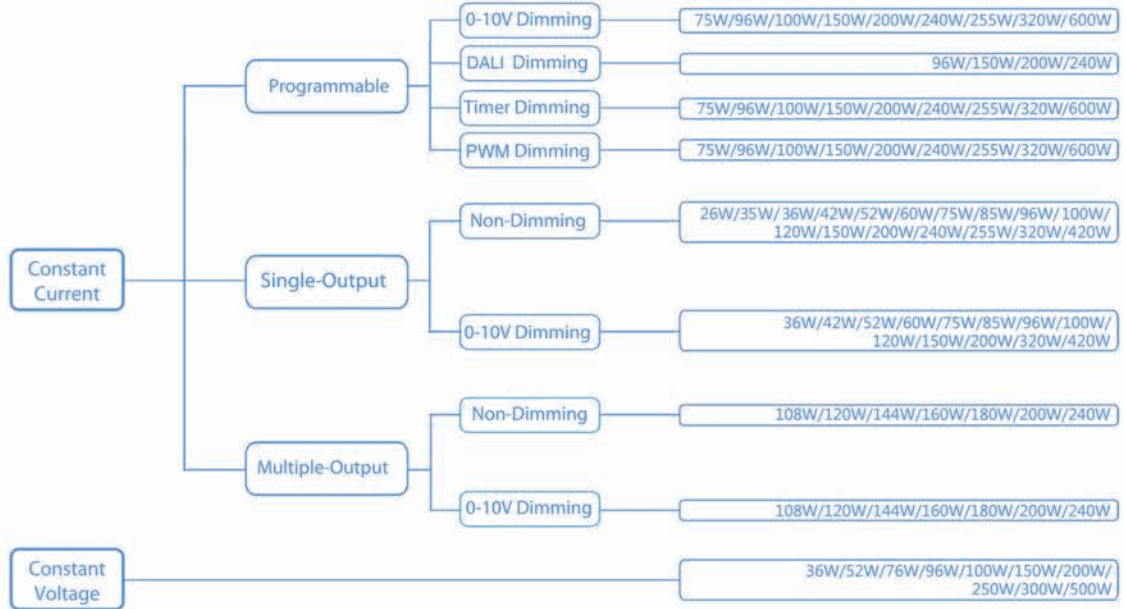
S Standard, 2 Pin, UL
T Standard, 3 Pin, UL
D Standard, 2 Pin, VDE
V Standard, 3 Pin, VDE

Options & Modes 1 Alpha Character

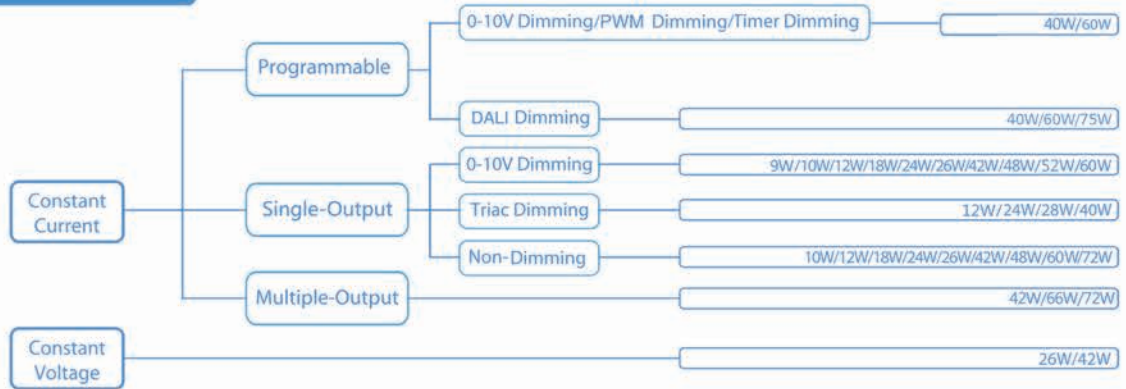
S Standard (Non-Dimming)
R Triac Dimming Control
D 0-10V Dimming Control on Non-programmable Driver or
0-10V/PWM/Timer Dimming Control on Programmable Driver
B DALI
G DMX512



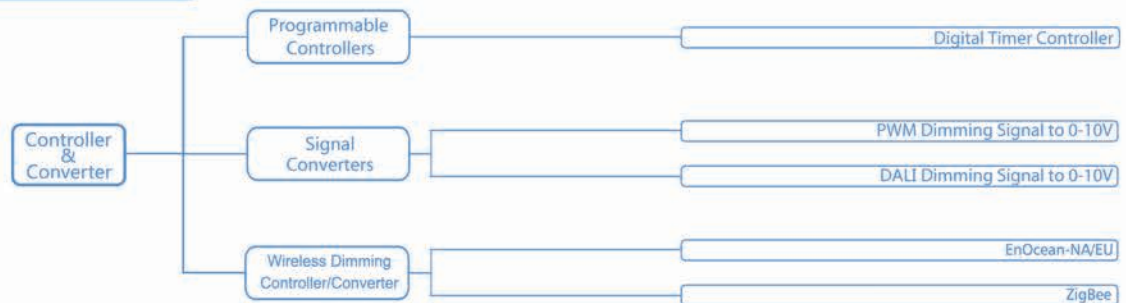
Outdoor LED Driver



Indoor LED Driver



Intelligent Product



Adjustable Output Current Outdoor LED Driver

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

Output Power (W)	AC Input Voltage(Vac)	DC Output Current(mA)	Eff. @220Vac	Calculated MTBF (Hours)	Lifetime (Hours)	Dimension (L x W x H) (mm)	Model No.
75	90 ~ 305	450 ~ 2800	91.0%	219,000	98,000 Tc=70°C	155 x 67.5 x 36.5	EUD-075SxxxDT/DV
96	90 ~ 305	450 ~ 3500	93.0%	229,000	104,000 Tc=70°C	180 x 67.5 x 36.5	EUD-096SxxxDTA/DVA
96	90 ~ 305	450 ~ 3600	91.0%	212,000	111,000 Tc=60°C	194 x 67.5 x 36.5	EUD-096SxxxBT/BV
100	90 ~ 305	700 ~ 2100	93.0%	247,000	101,000 Tc=70°C	190 x 67.5 x 36.5	EUD-100SxxxDD *
150	90 ~ 305	700 ~ 5600	94.0%	228,000	100,000 Tc=70°C	204 x 67.5 x 39.5	EUD-150SxxxDTA/DVA/BTA/BVA
150	90 ~ 305	700 ~ 2100	93.5%	270,000	100,000 Tc=70°C	204 x 67.5 x 39.5	EUD-150SxxxDDA *
150	90 ~ 305	700 ~ 1050	92.0%	253,000	120,000 Tc=85°C	241 x 67.5 x 39.5	EUD-150S105DTL0001/DVL0001
200	90 ~ 305	700 ~ 5600	94.5%	233,000	108,000 Tc=70°C	210 x 67.5 x 39.5	EUD-200SxxxDTA/DVA
200	90 ~ 305	700 ~ 4900	93.5%	341,000	120,000 Tc=60°C	224 x 67.5 x 39.5	EUD-200SxxxBT/BV/GT/GV
200	90 ~ 305	700 ~ 1500	93.5%	288,000	100,000 Tc=60°C	224 x 67.5 x 39.5	EUD-200SxxxBD *
200	90 ~ 305	700 ~ 1500	93.0%	288,000	100,000 Tc=60°C	224 x 67.5 x 39.5	EUD-200SxxxDD *
240	90 ~ 305	700 ~ 6700	94.0%	228,000	83,000 Tc=70°C	219 x 67.5 x 39.7	EUD-240SxxxDTA/DVA
240	90 ~ 305	700 ~ 6600	93.0%	234,000	97,000 Tc=60°C	231 x 67.5 x 39.5	EUD-240SxxxBT/BV
320	90 ~ 305	1050 ~ 6700	94.0%	237,000	76,000 Tc=70°C	225 x 98 x 44.5	EUD-320SxxxDT/DV
600	90 ~ 305	2240 ~ 9800	95.0%	200,000	87,000 Tc=70°C	250 x 144 x 48.5	EUD-600SxxxDT/DV

* Class II

Class I/II Programmable & DALI LED Driver with Dim-to-off — EBS

Output Power (W)	AC Input Voltage(Vac)	DC Output Current(mA)	Eff. @220Vac	Calculated MTBF (Hours)	Lifetime(Hours) Tc=75°C	Dimension (L x W x H) (mm)	Model No.
40	176 ~ 305	450 ~ 1050	90.0%	340,000	93,000	123 x 79 x 33	EBS-040SxxxDTE/BTE
80	176 ~ 305	450 ~ 1050	93.0%	229,000	120,000	125 x 85 x 36	EBS-080SxxxDTE/BTE
160	176 ~ 305	450 ~ 1050	94.0%	222,000	102,000	170 x 100 x 40	EBS-160SxxxDTE/BTE

Programmable LED Driver — EUG

Output Power (W)	AC Input Voltage(Vac)	DC Output Current(mA)	Eff. @220Vac	Calculated MTBF (Hours)	Lifetime(Hours) Tc=70°C	Dimension (L x W x H) (mm)	Model No.
75	90 ~ 305	450 ~ 2800	91.0%	328,000	99,000	150 x 67.5 x 36.5	EUG-075SxxxDT/DV
96	90 ~ 305	450 ~ 3500	93.0%	339,000	80,000	174 x 67.5 x 36.5	EUG-096SxxxDT/DV
150	90 ~ 305	450 ~ 5600	93.5%	271,000	78,000	188 x 67.5 x 39.5	EUG-150SxxxDT/DV
200	90 ~ 305	700 ~ 5600	94.0%	230,000	95,000	200 x 67.5 x 39.5	EUG-200SxxxDT/DV
240	90 ~ 305	700 ~ 6700	94.0%	218,000	86,000	212 x 67.5 x 39.5	EUG-240SxxxDT/DV

Programmable LED Driver — EBD

Output Power (W)	AC Input Voltage(Vac)	DC Output Current(mA)	Eff. @220Vac	Calculated MTBF (Hours)	Lifetime (Hours)	Dimension (L x W x H) (mm)	Model No.
75	176 ~ 305	700 ~ 2500	90.5%	346,000	73,000 Tc=70°C	150 x 67.5 x 36.5	EBD-075SxxxDV
100	176 ~ 305	700 ~ 2800	90.5%	239,000	71,000 Tc=70°C	170 x 67.5 x 36.5	EBD-100SxxxDV
150	176 ~ 305	700 ~ 4200	93.0%	305,000	95,500 Tc=60°C	180 x 68 x 40.5	EBD-150SxxxDVA
200	176 ~ 305	700 ~ 5600	94.0%	204,000	88,000 Tc=70°C	194 x 67.5 x 39.7	EBD-200SxxxDV
240	176 ~ 305	700 ~ 6600	94.0%	200,000	85,000 Tc=70°C	204 x 67.5 x 39.7	EBD-240SxxxDV
255	176 ~ 305	700 ~ 1050	93.0%	287,000	118,000 Tc=60°C	188 x 88 x 38	EBD-255SxxxDV

Adjustable Output Current Outdoor LED Driver

Round Programmable & Current Adjustable LED Driver — EUR

Output Power (W)	AC Input Voltage(Vac)	DC Output Current(mA)	Eff. @220Vac	Calculated MTBF (Hours)	Lifetime(Hours) Tc=70°C	Dimension (φ x H) (mm)	Model No.
96	90 ~ 305	1400 ~ 3500	91.5%	354,000	85,000	130 x 70	EUR-096SxxxDT/DV
150	90 ~ 305	2450 ~ 5600	92.5%	305,000	89,000	150 x 72	EUR-150SxxxDT/DV
240	90 ~ 305	2800 ~ 6700	93.0%	438,000	65,000	190 x 79.6	EUR-240SxxxDT/DV
96	90 ~ 305	1400 ~ 3500	91.5%	354,000	85,000	130 x 70	EUR-096SxxxST/SV
150	90 ~ 305	2450 ~ 5600	92.5%	305,000	89,000	150 x 72	EUR-150SxxxST/SV
240	90 ~ 305	2800 ~ 6700	93.0%	438,000	65,000	190 x 79.6	EUR-240SxxxST/SV

Dip-Switch Current Adjustable LED Driver — EUP

Output Power (W)	AC Input Voltage(Vac)	DC Output Current(mA)	Eff. @220Vac	Calculated MTBF (Hours)	Lifetime(Hours) Tc=70°C	Dimension (L x W x H) (mm)	Model No.
75	90 ~ 305	450 ~ 2800	91.0%	548,000	79,000	145 x 60 x 36.5	EUP-075SxxxST/SV
96	90 ~ 305	450 ~ 3500	93.0%	355,000	77,000	161 x 60 x 36.5	EUP-096SxxxST/SV
150	90 ~ 305	450 ~ 5600	93.0%	210,000	114,000	171 x 60 x 36.5	EUP-150SxxxST/SV

Indoor Constant Current LED Driver

Constant Current LED Driver

Output Power (W)	AC Input Voltage(Vac)	DC Output Current(mA)	Eff. @220Vac	Calculated MTBF (Hours)	Lifetime (Hours)	Dimension (L x W x H) (mm)	Model No.
10	90 ~ 305	350 ~ 700	80.0%	459,300	63,500 Tc=60°C	83.5 x 41.5 x 25	LUC-010SxxxSSM/DSM
12	90 ~ 305	350 ~ 700	81.0%	459,300	90,000 Tc=60°C	83.5 x 41.5 x 25	LUC-012SxxxSSM/DSM
12	90 ~ 305	350 ~ 700	81.0%	459,300	90,000 Tc=60°C	104.5 x 42 x 30.5	LUC-012SxxxSSP/DSP
18	90 ~ 305	350 ~ 1050	85.0%	235,900	113,000 Tc=60°C	120 x 42 x 30.5	LUC-018SxxxSSP/DSP
18	90 ~ 264	350 ~ 1050	86.0%	433,900	77,800 Tc=60°C	120 x 42 x 30.5	LWC-018SxxxSSP
18	90 ~ 264	350 ~ 1050	86.0%	433,900	77,800 Tc=60°C	134.5 x 41.5 x 30	LWC-018SxxxSSE
24	90 ~ 305	350 ~ 1050	85.0%	307,000	67,000 Tc=60°C	160 x 40 x 30	LUC-024SxxxSSW/DSW
24	90 ~ 305	350 ~ 1050	86.0%	290,900	100,000 Tc=60°C	120 x 42 x 30.5	LUC-024SxxxSSP/DSP
24	90 ~ 264	350 ~ 1050	86.0%	399,800	71,100 Tc=60°C	120 x 42 x 30.5	LWC-024SxxxSSP
24	90 ~ 264	350 ~ 1050	86.0%	399,800	71,100 Tc=60°C	134.5 x 41.5 x 30	LWC-024SxxxSSE
26	90 ~ 305	350 ~ 1750	86.0%	200,000	91,100 Tc=60°C	78 x 80 x 27	EUC-026SxxxPS/DS
26	90 ~ 305	350 ~ 700	87.0%	406,000	77,900 Tc=70°C	227.2 x 30 x 25	LUC-026SxxxDSF
28	90 ~ 132	350 ~ 1050	86.0%	200,000	51,700 Tc=60°C	95 x 70 x 32	LLC-028SxxxRSP
40	90 ~ 132	350 ~ 1050	86.0%	448,300	62,500 Tc=60°C	135 x 44 x 30.5	LLC-040SxxxRSP
40	90 ~ 305	530 ~ 1050	87.5%	488,000	77,400 Tc=70°C	312.7 x 30 x 25	LUC-040SxxxDSF
42	90 ~ 305	350 ~ 1750	90.0%	327,000	116,000 Tc=60°C	95 x 70 x 32	EUC-042SxxxPS/DS
42	90 ~ 305	350 ~ 2100	90.0%	235,000	80,500 Tc=60°C	120 x 81.5 x 32	LUC-042SxxxSSW/DSW
48	90 ~ 305	900 ~ 1400	89.5%	392,000	117,000 Tc=60°C	95 x 70 x 32	LUC-048SxxxSSP/DSP
52	90 ~ 305	700 ~ 1400	86.5%	246,000	110,000 Tc=60°C	312.7 x 30 x 25	LUC-052SxxxDSF

Indoor Constant Current LED Driver

Programmable LED Driver with Dim-to-Off

Output Power (W)	AC Input Voltage(Vac)	DC Output Current(mA)	Eff. @220Vac	Calculated MTBF (Hours)	Lifetime (Hours)	Dimension (L x W x H) (mm)	Model No.
40	90 ~ 305	350 ~ 1500	88.0%	210,000	96,000 Tc=60°C	333 x 30 x 21	LUD-040SxxxDSF
40	90 ~ 305	350 ~ 1500	90.0%	232,000	95,000 Tc=60°C	360 x 30 x 21	LUD-040SxxxBSF
60	90 ~ 305	385 ~ 2100	90.5%	217,000	69,000 Tc=70°C	378 x 30 x 21	LUD-060SxxxDS2
60	90 ~ 305	385 ~ 2100	90.0%	220,000	107,000 Tc=60°C	378 x 30 x 21	LUD-060SxxxBS2
75	176 ~ 305	700 ~ 2100	91.0%	203,000	89,000 Tc=70°C	378 x 30 x 21	LBD-075SxxxBSF

Outdoor Constant Current & Voltage

Outdoor Single-Channel CC LED Driver

Output Power (W)	AC Input Voltage(Vac)	DC Output Current(mA)	Eff. @220Vac	Calculated MTBF (Hours)	Lifetime (Hours)	Dimension (L x W x H) (mm)	Model No.
25	108 ~ 305	350 ~ 700	88.5%	600,000	84,000 Tc=70°C	80 x 64 x 32	EUC-026SxxxSTM/SVM
35	108 ~ 305	500 ~ 1050	87.0%	600,000	80,000 Tc=70°C	80 x 64 x 32	EUC-035SxxxSTM/SVM
60	108 ~ 305	500 ~ 1800	90.0%	843,000	85,800 Tc=70°C	95 x 64 x 32	EUC-060SxxxSTM/SVM
36	90 ~ 305	350 ~ 1750	89.0%	371,000	111,700 Tc=60°C	172 x 42.4 x 34	EUC-036SxxxDT/DV/ST/SV
42	90 ~ 305	350 ~ 1400	90.0%	573,000	69,000 Tc=70°C	114 x 67.5 x 36.5	EUC-042SxxxDTM/DVM/STM/SVM
42	90 ~ 305	700	88.0%	582,000	80,000 Tc=70°C	114 x 67.5 x 36.5	EUC-042S070DDM/SDM *
52	90 ~ 305	350 ~ 2100	90.0%	321,000	93,300 Tc=60°C	172 x 42.4 x 34	EUC-052SxxxDT/DV/ST/SV
75	90 ~ 305	700	91.0%	514,000	118,000 Tc=60°C	158 x 67.5 x 36.5	EUC-075S070DVY/SVY ☼
75	90 ~ 305	700	90.0%	380,000	118,000 Tc=60°C	150 x 67.5 x 36.5	EUC-075S070DD/SD *
150	90 ~ 305	700~1400	92.5%	383,000	120,000 Tc=60°C	199 x 67.5 x 39.5	EUC-150SxxxDDA/SDA *
320	90 ~ 305	1050 ~ 6200	94.0%	202,000	103,000 Tc=60°C	224 x 98 x 44.5	EUC-320SxxxDT/DV/ST/SV

* Class II
☼ -55°C Ta

Single-Channel CV LED Driver

Output Power (W)	AC Input Voltage(Vac)	DC Output Voltage(Vdc)	Eff. @220Vac	Calculated MTBF (Hours)	Lifetime (Hours)	Dimension (L x W x H) (mm)	Model No.
36	90 ~ 305	24 ~ 48	87.0%	371,000	111,700 Tc=60°C	172 x 42.4 x 34	EUV-036SxxxST/SV
52	90 ~ 305	24 ~ 48	88.0%	321,000	93,300 Tc=60°C	172 x 42.4 x 34	EUV-052SxxxST/SV
76	90 ~ 305	12 ~ 54	90.0%	395,000	51,000 Tc=60°C	150 x 67.5 x 36.5	EUV-076SxxxSD/SS/ST/SV
96	90 ~ 305	24 ~ 54	90.0%	202,000	56,600 Tc=60°C	174 x 67.5 x 36.5	EUV-096SxxxST/SV
100	90 ~ 305	12 ~ 54	93.0%	338,000	50,000 Tc=65°C	184 x 67.5 x 36.5	EUV-100SxxxST/SV
150	90 ~ 305	12 ~ 54	93.0%	260,900	77,200 Tc=60°C	199 x 67.5 x 39.5	EUV-150SxxxST/SV
200	90 ~ 305	12 ~ 54	92.5%	276,000	95,200 Tc=60°C	199 x 67.5 x 39.5	EUV-200SxxxST/SV
250	90 ~ 305	12 ~ 54	93.5%	250,000	59,400 Tc=60°C	224 x 88 x 33.5	EUV-250SxxxST/SV
300	90 ~ 305	12 ~ 54	93.0%	278,000	58,000 Tc=60°C	224 x 98 x 44.5	EUV-300SxxxST/SV
500	176 ~ 305	24 ~ 48	94.50%	232,000	117,000 Tc=60°C	264 x 108 x 45.5	EBV-500SxxxST/SV

Outdoor Constant Current & Voltage

Multiple-Channel CC LED Driver

Output Power (W)	AC Input Voltage(Vac)	DC Output Current(mA)	Eff. @220Vac	Calculated MTBF (Hours)	Lifetime (Hours)	Dimension (L x W x H) (mm)	Model No.
42	90 ~ 305	450 ~ 700	87.0%	471,000	87,900 Tc=60°C	213 x 43.5 x 30	LUC-042DxxxDDM/SDM/DSM/SSM ★
66	90 ~ 305	450 ~ 700	87.0%	304,000	116,000 Tc=60°C	273.3 x 43.5 x 30	LUC-066TxxxDDM/SDM/DSM/SSM ★
72	90 ~ 305	450 ~ 700	86.0%	202,000	84,000 Tc=60°C	273.3 x 43.5 x 30	LUC-072QxxxDDM/SDM/DSM/SSM ★
108	90 ~ 305	700 ~ 1400	91.0%	277,000	93,500 Tc=60°C	188 x 88 x 38	EUC-108TxxxDT/ST
120	90 ~ 305	2100	90.0%	292,000	103,000 Tc=70°C	188 x 88 x 38	EUC-120D210DT/ST
120	90 ~ 305	350 ~ 1400	92.0%	288,000	98,000 Tc=60°C	188 x 88 x 38	EUC-120TxxxDT/DV/ST/SV
144	90 ~ 305	700 ~ 1400	91.0%	383,000	95,000 Tc=60°C	188 x 88 x 38	EUC-144QxxxDT/ST
160	90 ~ 305	350 ~ 1400	92.0%	306,000	94,800 Tc=60°C	188 x 88 x 38	EUC-160QxxxDT/DV/ST/SV
180	90 ~ 305	2100	91.0%	257,000	71,000 Tc=70°C	213.5 x 82 x 38	EUC-180T210DT/ST
180	90 ~ 305	700 ~ 1400	92.0%	326,000	101,000 Tc=60°C	214 x 82 x 38	EUC-180PxxxDT/ST
200	90 ~ 305	350 ~ 1400	92.5%	224,000	83,500 Tc=60°C	214 x 82 x 38	EUC-200PxxxDT/DV/ST/SV
240	90 ~ 305	350 ~ 1400	91.0%	201,400	101,000 Tc=60°C	210 x 100 x 38	EUC-240HxxxDT/DV/ST/SV

★ Indoor

347/480Vac High Input

Programmable LED Driver with Dim-to-Off

Output Power (W)	AC Input Voltage(Vac)	DC Output Current(mA)	Eff. @480Vac	Calculated MTBF (Hours)	Lifetime (Hours)	Dimension (L x W x H) (mm)	Model No.
96	249 ~ 528	450 ~ 3600	90.5%	211,000	103,000 Tc=60°C	212 x 67.5 x 36.5	ESD-096SxxxDT
150	249 ~ 528	700 ~ 5600	94.5%	203,000	75,000 Tc=70°C	221 x 67.5 x 39.7	ESD-150SxxxDT
240	249 ~ 528	700 ~ 6600	94.0%	209,000	103,000 Tc=60°C	241 x 67.5 x 39.5	ESD-240SxxxDT
320	249 ~ 528	1050 ~ 6200	94.5%	200,000	110,000 Tc=60°C	234 x 98 x 44.5	ESD-320SxxxDT

Constant Current LED Driver

Output Power (W)	AC Input Voltage(Vac)	DC Output Current(mA)	Eff. @480Vac	Calculated MTBF (Hours)	Lifetime (Hours) Tc=60°C	Dimension (L x W x H) (mm)	Model No.
40	312 ~ 528	350 ~ 2100	89.0%	459,000	87,000	95 x 70 x 32	LTC-040SxxxDSP/SSP ★
75	249 ~ 528	350 ~ 3150	87.0%	250,000	61,900	188 x 88 x 38	ESC-075SxxxDT/ST
150	249 ~ 528	580 ~ 4200	90.0%	259,800	140,000	188 x 93.9 x 43.5	ESC-150SxxxDT/ST

★ Indoor

Constant Voltage LED Driver

Output Power (W)	AC Input Voltage(Vac)	DC Output Voltage(Vdc)	Eff. @480Vac	Calculated MTBF (Hours)	Lifetime (Hours)	Dimension (L x W x H) (mm)	Model No.
150	249 ~ 528	12 ~ 48	94.5%	375,000	104,000 Tc=70°C	221 x 67.5 x 39.5	ESV-150SxxxST
300	249 ~ 528	24 ~ 48	90.0%	201,000	79,000 Tc=70°C	224 x 93.9 x 43.5	ESV-300SxxxST
300	312 ~ 528	24 ~ 48	91.0%	210,000	120,000 Tc=60°C	224 x 93.9 x 43.5	ETV-300SxxxST
500	312 ~ 528	24 ~ 48	94.5%	215,000	119,000 Tc=60°C	264 x 108 x 45.5	ETV-500SxxxST

Class II

Inventronics outdoor Class II programmable LED drivers range from 40W up to 200W. These drivers are designed to enhance their flexibility while enabling hundreds of configurations via the programming interface. They also help to reduce design lead-time while offering higher efficiency and surge protection for rugged, reliable operation.



	IP20	IP66/67
LOW POWER RANGE	EBS-040	EUC-042 (DDM)
MID POWER RANGE	EBS-080	EUC-075 (DD) EUD-100 (DD)
HIGH POWER RANGE	EBS-160	EUC-150 (DDA) EUD-150 (DDA) EUD-200 (DD)

Common Features:

- Operates from 90~305Vac/176~305Vac
- Always-on 12V/200mA Auxiliary Power
- 0-10V/DALI Dimming Control
- Dim-to-Off with Low Standby Power

Certifications



Inventronics Advantages

Flexibility

- Allows Creation of Hundreds of Configurations via Programming Interface
- Drastically Reduces Inventory
- Removes Need to Design-in New LED Drivers for New Generations

Robust Thermal Design

- Higher Efficiency
- Longer Life at Higher Case Temperature

Reliability

- High Level of Built-in Surge Protection
- External Over Temperature Protection for LED Module
- Suitable for Class II Luminaries

POWER LEVEL	SERIES	FULL-POWER CURRENT RANGE	EFFICIENCY (UP TO)	IP RATING	CALCULATED LIFETIME	DIMENSIONS (MM)
40W	EBS-040S070DTE	450-700mA	90.0%	IP20	93,000 Hrs.@ Tc= 75°C	123 x 79 x 33
40W	EBS-040S105DTE	700-1050mA	90.0%	IP20	93,000 Hrs.@ Tc= 75°C	123 x 79 x 33
40W	EBS-040S070BTE	450-700mA	89.5%	IP20	93,000 Hrs.@ Tc= 75°C	123 x 79 x 33
40W	EBS-040S105BTE	700-1050mA	89.5%	IP20	93,000 Hrs.@ Tc= 75°C	123 x 79 x 33
39W	EUC-042S070DDM/SDM	700mA	88.0%	IP66	80,000 Hrs.@ Tc= 70°C	135(114) x 67.5 x 36.5
75W	EUC-075S070DD/SD	700mA	90.0%	IP67	118,000 Hrs.@ Tc= 60°C	177(150) x 67.5 x 36.5
80W	EBS-080S070DTE	450-700mA	93.0%	IP20	120,000 Hrs.@ Tc= 75°C	125 x 85 x 36
80W	EBS-080S105DTE	700-1050mA	92.5%	IP20	120,000 Hrs.@ Tc= 75°C	125 x 85 x 36
80W	EBS-080S070BTE	450-700mA	93.0%	IP20	120,000 Hrs.@ Tc= 75°C	125 x 85 x 36
80W	EBS-080S105BTE	700-1050mA	92.5%	IP20	120,000 Hrs.@ Tc= 75°C	125 x 85 x 36
100W	EUD-100S105DD	700-1050mA	93.0%	IP67	101,000 Hrs.@ Tc= 70°C	211(190) x 67.5 x 36.5
100W	EUD-100S210DD	1400-2100mA	92.0%	IP67	101,000 Hrs.@ Tc= 70°C	211(190) x 67.5 x 36.5
150W	EUC-150S070DDA/SDA	700mA	92.5%	IP67	120,000 Hrs.@ Tc= 60°C	226(199) x 67.5 x 39.5
150W	EUC-150S140DDA	1400mA	92.5%	IP67	120,000 Hrs.@ Tc= 60°C	226(199) x 67.5 x 39.5
150W	EUD-150S105DDA	700-1050mA	93.5%	IP67	100,000 Hrs.@ Tc= 70°C	225(204) x 67.5 x 39.5
150W	EUD-150S210DDA	1400-2100mA	93.0%	IP67	100,000 Hrs.@ Tc= 70°C	225(204) x 67.5 x 39.5
160W	EBS-160S070DTE	450-700mA	93.5%	IP20	102,000 Hrs.@ Tc= 75°C	170 x 100 x 40
160W	EBS-160S105DTE	700-1050mA	94.0%	IP20	102,000 Hrs.@ Tc= 75°C	170 x 100 x 40
160W	EBS-160S070BTE	450-700mA	93.5%	IP20	102,000 Hrs.@ Tc= 75°C	170 x 100 x 40
160W	EBS-160S105BTE	700-1050mA	94.0%	IP20	102,000 Hrs.@ Tc= 75°C	170 x 100 x 40
200W	EUD-200S105DD	700-1050mA	93.0%	IP67	100,000 Hrs.@ Tc= 60°C	251(224) x 67.5 x 39.5
200W	EUD-200S150DD	1050-1500mA	93.5%	IP67	100,000 Hrs.@ Tc= 60°C	251(224) x 67.5 x 39.5
200W	EUD-200S105BD	700-1050mA	93.0%	IP67	100,000 Hrs.@ Tc= 60°C	251(224) x 67.5 x 39.5
200W	EUD-200S150BD	1050-1500mA	93.5%	IP67	100,000 Hrs.@ Tc= 60°C	251(224) x 67.5 x 39.5

DALI Series

Inventronics Indoor and Outdoor DALI-certified programmable LED drivers range from 40W up to 240W. These drivers are designed to enhance their flexibility while enabling hundreds of configurations via the programming interface. They also help to reduce design lead-time while offering higher efficiency and surge protection for rugged, reliable operation.



	IP20	IP66/67
LOW POWER RANGE	EBS-040 LUD-040 LUD-060 LBD-075	
MID POWER RANGE	EBS-080	EUD-096
HIGH POWER RANGE	EBS-160	EUD-150 EUD-200 EUD-240

Inventronics Advantages

Flexibility

- Allows Creation of Hundreds of Configurations via Programming Interface
- Drastically Reduces Inventory
- Removes Need To Design-in New LED Drivers for New Generations

Robust Thermal Design

- Higher Efficiency
- Longer Life at Higher Case Temperature

Reliability

- High Level of Built-in Surge Protection
- External Over Temperature Protection for LED Module

Common Features:

- Operates from 90~305Vac/176~305Vac
- Always-on 12V/200mA Auxiliary Power
- DALI Dimming Control
- Dim-to-Off with Low Standby Power

Certifications



POWER LEVEL	SERIES	FULL-POWER CURRENT RANGE	EFFICIENCY (UP TO)	IP RATING	CALCULATED LIFETIME	DIMENSIONS (MM)
40W	EBS-040S070BTE	450-700mA	89.5%	IP20	93,000 Hrs.@ Tc= 75°C	123 x 79 x 33
40W	EBS-040S105BTE	700-1050mA	89.5%	IP20	93,000 Hrs.@ Tc= 75°C	123 x 79 x 33
40W	LUD-040S075BSF	350-750mA	90.0%	IP20	95,000 Hrs.@ Tc= 60°C	360 x 30 x 21
40W	LUD-040S150BSF	750-1500mA	89.5%	IP20	95,000 Hrs.@ Tc= 60°C	360 x 30 x 21
60W	LUD-060S055BS2	385-550mA	90.0%	IP20	107,000 Hrs.@ Tc= 60°C	378 x 30 x 21
60W	LUD-060S078BS2	546-780mA	90.0%	IP20	107,000 Hrs.@ Tc= 60°C	378 x 30 x 21
60W	LUD-060S110BS2	770-1100mA	90.0%	IP20	107,000 Hrs.@ Tc= 60°C	378 x 30 x 21
60W	LUD-060S150BS2	1050-1500mA	89.0%	IP20	107,000 Hrs.@ Tc= 60°C	378 x 30 x 21
60W	LUD-060S210BS2	1470-2100mA	89.0%	IP20	107,000 Hrs.@ Tc= 60°C	378 x 30 x 21
75W	LBD-075S100BSF	700-1000mA	91.0%	IP20	89,000 Hrs.@ Tc= 70°C	378 x 30 x 21
75W	LBD-075S150BSF	1050-1500mA	90.0%	IP20	89,000 Hrs.@ Tc= 70°C	378 x 30 x 21
75W	LBD-075S210BSF	1470-2100mA	89.5%	IP20	89,000 Hrs.@ Tc= 70°C	378 x 30 x 21
80W	EBS-080S070BTE	450-700mA	93.0%	IP20	120,000 Hrs.@ Tc= 75°C	125 x 85 x 36
80W	EBS-080S105BTE	700-1050mA	92.5%	IP20	120,000 Hrs.@ Tc= 75°C	125 x 85 x 36
96W	EUD-096S090BT/BV	450-900mA	91.0%	IP67	111,000 Hrs.@ Tc= 60°C	221(194) x 67.5 x 36.5
96W	EUD-096S180BT/BV	900-1800mA	90.5%	IP67	111,000 Hrs.@ Tc= 60°C	221(194) x 67.5 x 36.5
96W	EUD-096S360BT/BV	1800-3600mA	90.0%	IP67	111,000 Hrs.@ Tc= 60°C	221(194) x 67.5 x 36.5
150W	EUD-150S105BTA/BVA	700-1050mA	94.0%	IP67	100,000 Hrs.@ Tc= 70°C	225(204) x 67.5 x 39.5
150W	EUD-150S210BTA/BVA	1400-2100mA	94.0%	IP67	100,000 Hrs.@ Tc= 70°C	225(204) x 67.5 x 39.5
150W	EUD-150S350BTA/BVA	2450-3500mA	93.5%	IP67	100,000 Hrs.@ Tc= 70°C	225(204) x 67.5 x 39.5
150W	EUD-150S560BTA/BVA	3850-5600mA	92.5%	IP67	100,000 Hrs.@ Tc= 70°C	225(204) x 67.5 x 39.5
160W	EBS-160S070BTE	450-700mA	93.5%	IP20	102,000 Hrs.@ Tc= 75°C	170 x 100 x 40
160W	EBS-160S105BTE	700-1050mA	94.0%	IP20	102,000 Hrs.@ Tc= 75°C	170 x 100 x 40
200W	EUD-200S070BT/BV	700mA	93.5%	IP67	120,000 Hrs.@ Tc= 60°C	251(224) x 67.5 x 39.5
200W	EUD-200S105BT/BV	1050mA	93.5%	IP67	120,000 Hrs.@ Tc= 60°C	251(224) x 67.5 x 39.5
200W	EUD-200S140BT/BV	1400mA	93.0%	IP67	120,000 Hrs.@ Tc= 60°C	251(224) x 67.5 x 39.5
200W	EUD-200S210BT/BV	2100mA	93.0%	IP67	120,000 Hrs.@ Tc= 60°C	251(224) x 67.5 x 39.5
200W	EUD-200S245BT/BV	2450mA	93.5%	IP67	120,000 Hrs.@ Tc= 60°C	251(224) x 67.5 x 39.5
200W	EUD-200S280BT/BV	2800mA	92.5%	IP67	120,000 Hrs.@ Tc= 60°C	251(224) x 67.5 x 39.5
200W	EUD-200S420BT/BV	4200mA	93.0%	IP67	120,000 Hrs.@ Tc= 60°C	251(224) x 67.5 x 39.5
200W	EUD-200S490BT/BV	4900mA	92.0%	IP67	120,000 Hrs.@ Tc= 60°C	251(224) x 67.5 x 39.5
240W	EUD-240S100BT/BV	700-1000mA	93.0%	IP67	97,000 Hrs.@ Tc= 60°C	252(231) x 67.5 x 39.5
240W	EUD-240S150BT/BV	1050-1500mA	93.0%	IP67	97,000 Hrs.@ Tc= 60°C	252(231) x 67.5 x 39.5
240W	EUD-240S220BT/BV	1540-2200mA	93.0%	IP67	97,000 Hrs.@ Tc= 60°C	252(231) x 67.5 x 39.5
240W	EUD-240S320BT/BV	2240-3200mA	92.5%	IP67	97,000 Hrs.@ Tc= 60°C	252(231) x 67.5 x 39.5
240W	EUD-240S460BT/BV	3220-4600mA	92.5%	IP67	97,000 Hrs.@ Tc= 60°C	252(231) x 67.5 x 39.5
240W	EUD-240S660BT/BV	4620-6600mA	92.0%	IP67	97,000 Hrs.@ Tc= 60°C	252(231) x 67.5 x 39.5

347/480V

Inventronics High Voltage LED drivers range from 40W up to 500W. These drivers are designed to provide a cost-effective solution for high input voltage applications. With a diverse line of constant-current, constant-voltage, programmable and dimming options available, we are sure to have the driver you need to meet various application requirements.



POWER RANGE	IP66	IP67
LOW POWER RANGE	LTC-040	
MID POWER RANGE		ESC-075 ESD-096
HIGH POWER RANGE		ESD-150 ESD-240 ESD-320 ESC-150 ESV-150 ETV-300 ETV-500

Common Features:

- All-Around Protection
- 12V Auxiliary Power Output

Certifications



Inventronics Advantages

Convenience

- Constant-Current Models
- Constant-Voltage Models
- Programmable Models
- Dimming Options Available

Robust Thermal Design

- High Efficiency
- Longer Lifetimes
- Input Surge Protection

Dimming Functionalities Per Series

SERIES	PACKAGE SIZE(mm)	0-10V	PWM	MULT.TIMER	DIM-TO-OFF
LTC-040SxxxDSP/SSP	95 x 70 x 32	●			
ESC-075SxxxDT/ST	188 x 88 x 38	●			
ESD-096SxxxDT	212 x 67.5 x 36.5	●	●	●	●
ESD-150SxxxDT	221 x 67.5 x 39.7	●	●	●	●
ESD-240SxxxDT	241 x 67.5 x 39.5	●	●	●	●
ESD-320SxxxDT	234 x 98 x 44.5	●	●	●	●
ESC-150SxxxDT/ST	188 x 93.9 x 43.5	●			
ESV-150SxxxST	221 x 67.5 x 39.5				
ETV-300SxxxST	224 x 93.9 x 43.5				
ETV-500SxxxST	264 x 108 x 45.5				

Technical Specifications

POWER LEVEL	SERIES	AVAIL. CURRENT RANGES	INPUT VOLTAGE RANGE	OUTPUT VOLTAGE RANGE	OUTPUT CURRENT	EFFICIENCY (UP TO)	CALCULATED LIFETIME
40W	LTC-040SxxxDSP/SSP	7	312~528Vac	9~114Vdc	350~2100mA (CC)	89.0%	87,000 Hrs. @ Tc= 60°C
75W	ESC-075SxxxDT/ST	6	249~528Vac	12~214Vdc	350~3150mA (CC)	87.0%	61,900 Hrs. @ Tc= 60°C
96W	ESD-096SxxxDT	3	249~528Vac	16~214Vdc	450~3600mA (FPR)	90.5%	103,000 Hrs. @ Tc= 60°C
150W	ESD-150SxxxDT	4	249~528Vac	14~214Vdc	700~5600mA (FPR)	94.5%	75,000 Hrs. @ Tc= 70°C
240W	ESD-240SxxxDT	6	249~528Vac	19~343Vdc	700~6600mA (FPR)	94.0%	103,000 Hrs. @ Tc= 60°C
320W	ESD-320SxxxDT	5	249~528Vac	26~305Vdc	1050~6200mA (FPR)	94.5%	110,000 Hrs. @ Tc= 60°C
150W	ESC-150SxxxDT/ST	8	249~528Vac	18~257Vdc	580~4200mA (CC)	91.0%	140,000 Hrs. @ Tc= 60°C
150W	ESV-150SxxxST	5	249~528Vac	12~48Vdc (CV)	0~10000mA	94.5%	104,000 Hrs. @ Tc= 70°C
300W	ETV-300SxxxST	5	312~528Vac	24~48Vdc (CV)	0~12500mA	91.0%	120,000 Hrs. @ Tc= 60°C
500W	ETV-500SxxxST	5	312~528Vac	24~48Vdc (CV)	0~20000mA	94.5%	119,000 Hrs. @ Tc= 60°C

EUD

Inventronics programmable EUD family consists of full-feature drivers that can be programmed for multiple dimming options, have dim-to-off capability, external over temperature protection for led modules and always-on 12V auxiliary supply sourcing up to 200mA. They are designed to enhance their flexibility while enabling hundreds of configurations via the programming interface and are ideal with a wide variety of sensors and controls.

Inventronics Advantages:

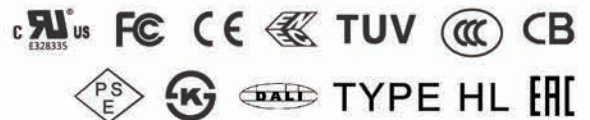
- Ultra High Efficiency (Up to 95%)
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 90-305Vac
- Class 2 & SELV Output
- Always-on 12V/200mA Auxiliary Power
- Output Lumen Compensation
- Input Surge Protection: 6kV Line-Line, 10kV Line-Earth
- All-Around Protection: OVP, SCP, OTP
- Waterproof (IP67) and UL Dry/Damp Location

Dimming Functions:

- 0-10V/PWM/DALI/3 Timer Modes
- Dim-to-Off with Standby Power $\leq 0.5W$

Thermal Performance:

- Thermal Sensing and Protection for LED Module
- Long Lifetime: Over 120,000 hours at 70°C Case Temperature



75W 96W 150W 200W
240W 320W 600W

Output Power	Model No.	AC Input Voltage(Vac)	DC Output Current(mA)	DC Output Voltage(Vdc)	Eff. @220Vac	Lifetime (Hours)	Dimming Control	Dimensions (L×W×H)(mm)
75W	EUD-075S070DT/DV	90 ~ 305	450 ~ 700	54 ~ 167	91.0%	98,000 Tc=70°C	0-10V/PWM/Timer	182(155) x 67.5 x 36.5
75W	EUD-075S105DT/DV	90 ~ 305	700 ~ 1050	36 ~ 107	91.0%	98,000 Tc=70°C	0-10V/PWM/Timer	182(155) x 67.5 x 36.5
75W	EUD-075S175DT/DV	90 ~ 305	1190 ~ 1750	22 ~ 63	90.5%	98,000 Tc=70°C	0-10V/PWM/Timer	182(155) x 67.5 x 36.5
75W	EUD-075S280DT/DV	90 ~ 305	1920 ~ 2800	14 ~ 39	89.5%	98,000 Tc=70°C	0-10V/PWM/Timer	182(155) x 67.5 x 36.5
96W	EUD-096S070DTA/DVA	90 ~ 305	450 ~ 700	74 ~ 213	91.5%	104,000 Tc=70°C	0-10V/PWM/Timer	201(180) x 67.5 x 36.5
96W	EUD-096S105DTA/DVA	90 ~ 305	700 ~ 1050	48 ~ 137	92.5%	104,000 Tc=70°C	0-10V/PWM/Timer	201(180) x 67.5 x 36.5
96W	EUD-096S210DTA/DVA	90 ~ 305	1400 ~ 2100	24 ~ 69	93.0%	104,000 Tc=70°C	0-10V/PWM/Timer	201(180) x 67.5 x 36.5
96W	EUD-096S350DTA/DVA	90 ~ 305	2450 ~ 3500	14 ~ 39	91.0%	104,000 Tc=70°C	0-10V/PWM/Timer	201(180) x 67.5 x 36.5
150W	EUD-150S105DTA/DVA/BTA/BVA	90 ~ 305	700 ~ 1050	75 ~ 214	94.0%	100,000 Tc=70°C	0-10V/PWM/Timer/DALI	225(204) x 67.5 x 39.5
150W	EUD-150S210DTA/DVA/BTA/BVA	90 ~ 305	1400 ~ 2100	38 ~ 107	94.0%	100,000 Tc=70°C	0-10V/PWM/Timer/DALI	225(204) x 67.5 x 39.5
150W	EUD-150S350DTA/DVA/BTA/BVA	90 ~ 305	2450 ~ 3500	22 ~ 61	93.5%	100,000 Tc=70°C	0-10V/PWM/Timer/DALI	225(204) x 67.5 x 39.5
150W	EUD-150S560DTA/DVA/BTA/BVA	90 ~ 305	3850 ~ 5600	14 ~ 39	92.5%	100,000 Tc=70°C	0-10V/PWM/Timer/DALI	225(204) x 67.5 x 39.5
200W	EUD-200S105DTA/DVA	90 ~ 305	700 ~ 1050	95 ~ 286	94.5%	108,000 Tc=70°C	0-10V/PWM/Timer	231(210) x 67.5 x 39.5
200W	EUD-200S210DTA/DVA	90 ~ 305	1400 ~ 2100	48 ~ 143	94.0%	108,000 Tc=70°C	0-10V/PWM/Timer	231(210) x 67.5 x 39.5
200W	EUD-200S350DTA/DVA	90 ~ 305	2450 ~ 3500	29 ~ 82	93.5%	108,000 Tc=70°C	0-10V/PWM/Timer	231(210) x 67.5 x 39.5
200W	EUD-200S560DTA/DVA	90 ~ 305	3850 ~ 5600	18 ~ 52	93.0%	108,000 Tc=70°C	0-10V/PWM/Timer	231(210) x 67.5 x 39.5
240W	EUD-240S105DTA/DVA	90 ~ 305	700 ~ 1050	114 ~ 343	94.0%	83,000 Tc=70°C	0-10V/PWM/Timer	240(219) x 67.5 x 39.7
240W	EUD-240S210DTA/DVA	90 ~ 305	1400 ~ 2100	57 ~ 171	93.5%	83,000 Tc=70°C	0-10V/PWM/Timer	240(219) x 67.5 x 39.7
240W	EUD-240S420DTA/DVA	90 ~ 305	2800 ~ 4200	29 ~ 86	93.0%	83,000 Tc=70°C	0-10V/PWM/Timer	240(219) x 67.5 x 39.7
240W	EUD-240S670DTA/DVA	90 ~ 305	4450 ~ 6700	18 ~ 54	93.0%	83,000 Tc=70°C	0-10V/PWM/Timer	240(219) x 67.5 x 39.7
96W	EUD-096S090DT/DV/BT/BV	90 ~ 305	450 ~ 900	64 ~ 214	91.0%	111,000 Tc=60°C	0-10V/PWM/Timer/DALI	221(194) x 67.5 x 36.5
96W	EUD-096S180DT/DV/BT/BV	90 ~ 305	900 ~ 1800	32 ~ 107	90.5%	111,000 Tc=60°C	0-10V/PWM/Timer/DALI	221(194) x 67.5 x 36.5
96W	EUD-096S360DT/DV/BT/BV	90 ~ 305	1800 ~ 3600	16 ~ 53	90.0%	111,000 Tc=60°C	0-10V/PWM/Timer/DALI	221(194) x 67.5 x 36.5
200W	EUD-200S070DT/DV/BT/BV	90 ~ 305	700	143 ~ 286	93.5%	120,000 Tc=60°C	0-10V/PWM/Timer/DALI	251(224) x 67.5 x 39.5
200W	EUD-200S105DT/DV/BT/BV	90 ~ 305	1050	95 ~ 190	93.5%	120,000 Tc=60°C	0-10V/PWM/Timer/DALI	251(224) x 67.5 x 39.5
200W	EUD-200S140DT/DV/BT/BV	90 ~ 305	1400	71 ~ 142	93.0%	120,000 Tc=60°C	0-10V/PWM/Timer/DALI	251(224) x 67.5 x 39.5
200W	EUD-200S210DT/DV/BT/BV	90 ~ 305	2100	47 ~ 95	93.0%	120,000 Tc=60°C	0-10V/PWM/Timer/DALI	251(224) x 67.5 x 39.5
200W	EUD-200S245DT/DV/BT/BV	90 ~ 305	2450	41 ~ 82	93.5%	120,000 Tc=60°C	0-10V/PWM/Timer/DALI	251(224) x 67.5 x 39.5
200W	EUD-200S280DT/DV/BT/BV	90 ~ 305	2800	35 ~ 71	92.5%	120,000 Tc=60°C	0-10V/PWM/Timer/DALI	251(224) x 67.5 x 39.5
200W	EUD-200S420DT/DV/BT/BV	90 ~ 305	4200	24 ~ 48	93.0%	120,000 Tc=60°C	0-10V/PWM/Timer/DALI	251(224) x 67.5 x 39.5
200W	EUD-200S490DT/DV/BT/BV	90 ~ 305	4900	21 ~ 41	92.0%	120,000 Tc=60°C	0-10V/Timer/PWM/DALI	251(224) x 67.5 x 39.5
240W	EUD-240S100DT/DV/BT/BV	90 ~ 305	700 ~ 1000	72 ~ 343	93.0%	97,000 Tc=60°C	0-10V/PWM/Timer/DALI	252(231) x 67.5 x 39.5
240W	EUD-240S150DT/DV/BT/BV	90 ~ 305	1050 ~ 1500	50 ~ 229	93.0%	97,000 Tc=60°C	0-10V/PWM/Timer/DALI	252(231) x 67.5 x 39.5
240W	EUD-240S220DT/DV/BT/BV	90 ~ 305	1540 ~ 2200	33 ~ 156	93.0%	97,000 Tc=60°C	0-10V/PWM/Timer/DALI	252(231) x 67.5 x 39.5
240W	EUD-240S320DT/DV/BT/BV	90 ~ 305	2240 ~ 3200	23 ~ 107	92.5%	97,000 Tc=60°C	0-10V/PWM/Timer/DALI	252(231) x 67.5 x 39.5
240W	EUD-240S460DT/DV/BT/BV	90 ~ 305	3220 ~ 4600	16 ~ 75	92.5%	97,000 Tc=60°C	0-10V/PWM/Timer/DALI	252(231) x 67.5 x 39.5
240W	EUD-240S660DT/DV/BT/BV	90 ~ 305	4620 ~ 6600	11 ~ 52	92.0%	97,000 Tc=60°C	0-10V/PWM/Timer/DALI	252(231) x 67.5 x 39.5
320W	EUD-320S150DT/DV	90 ~ 305	1050 ~ 1500	107 ~ 305	94.0%	76,000 Tc=70°C	0-10V/PWM/Timer	251(225) x 98 x 44.5
320W	EUD-320S220DT/DV	90 ~ 305	1540 ~ 2200	73 ~ 208	93.5%	76,000 Tc=70°C	0-10V/PWM/Timer	251(225) x 98 x 44.5
320W	EUD-320S320DT/DV	90 ~ 305	2240 ~ 3200	50 ~ 143	93.5%	76,000 Tc=70°C	0-10V/PWM/Timer	251(225) x 98 x 44.5
320W	EUD-320S460DT/DV	90 ~ 305	3220 ~ 4600	35 ~ 100	93.5%	76,000 Tc=70°C	0-10V/PWM/Timer	251(225) x 98 x 44.5
320W	EUD-320S670DT/DV	90 ~ 305	4690 ~ 6700	24 ~ 68	93.5%	76,000 Tc=70°C	0-10V/PWM/Timer	251(225) x 98 x 44.5
600W	EUD-600S280DT/DV	90 ~ 305	2240 ~ 2800	108 ~ 268	95.0%	87,000 Tc=70°C	0-10V/PWM/Timer	275(250) x 144 x 48.5
600W	EUD-600S420DT/DV	90 ~ 305	3360 ~ 4200	72 ~ 178	94.5%	87,000 Tc=70°C	0-10V/PWM/Timer	275(250) x 144 x 48.5
600W	EUD-600S560DT/DV	90 ~ 305	4480 ~ 5600	54 ~ 134	94.5%	87,000 Tc=70°C	0-10V/PWM/Timer	275(250) x 144 x 48.5
600W	EUD-600S740DT/DV	90 ~ 305	5920 ~ 7400	41 ~ 101	94.0%	87,000 Tc=70°C	0-10V/PWM/Timer	275(250) x 144 x 48.5
600W	EUD-600S980DT/DV	90 ~ 305	7840 ~ 9800	31 ~ 76	94.0%	87,000 Tc=70°C	0-10V/PWM/Timer	275(250) x 144 x 48.5

EUD-DTL

Inventronics ultra-long life, programmable EUD-DTL family is truly one-of-a-kind and was created to fill a product gap in the industry for high operating temperature applications. The extended long life time was achieved through a combination of careful component selection, excellent thermal design, extensive modeling and simulation of possible failure modes based on physics of failure and highly accelerated stress testing.

Inventronics Advantages:

- High Efficiency (Up to 92%)
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 90-305Vac
- Programmable Output Current Adjustable: 700-1050mA
- Always-on 12V/200mA Auxiliary Power
- Output Lumen Compensation
- Input Surge Protection: 4kV Line-Line, 6kV Line-Earth
- All-Around Protection: OVP, SCP, OTP



Dimming Functions:

- 0-10V/PWM/3 Timer Modes
- Dim-to-Off with Low Standby Power $\leq 0.5W$

UL E328335 FC CE  TYPE HL

Thermal Performance:

- Long Lifetime: Over 120,000 hours at 85°C Case Temperature
- Thermal Sensing and Protection for LED Module

150W

Output Power	Model No.	AC Input Voltage(Vac)	DC Output Current(mA)	DC Output Voltage(Vdc)	Eff. @220Vac	Lifetime (Khours)	Dimming Control	Dimensions (LxWxH)(mm)
150W	EUD-150S105DTL0001	90 ~ 305	700 ~ 1050	75 ~ 214	92.0%	120 Tc=85°C	0-10V/PWM/Timer	262(241) x 67.5 x 39.5

EUG

Inventronics programmable EUG family offers simple output-current adjustment to optimize luminaire performance, while providing full-rated output power over a range of current settings with fewer models to stock. Designed to be a more flexible, cost-effective alternative to the EUC family of fixed-current drivers, the EUG family is more compact, more efficient and offers better surge protection.

Inventronics Advantages:

- Ultra High Efficiency (Up to 94.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 90-305Vac
- Class 2 & SELV Output
- Input Surge Protection: 6kV Line-Line, 10kV Line-Earth
- All-Around Protection: OVP, SCP, OTP
- Waterproof (IP67) and UL Dry/Damp Location

Dimming Functions:

- 0-5V/0-10V/PWM/Timer Dimmable

Convenience:

- Adjustable Output Current with Programmability
- Fast Programming without Powering on Driver

Thermal Performance:

- Long Lifetime: Over 99,000 hours at 70°C Case Temperature



75W 96W 150W 200W
240W

Output Power	Model No.	AC Input Voltage(Vac)	DC Output Current(mA)	DC Output Voltage(Vdc)	Eff.@220Vac	Lifetime(Hours) Tc=70°C	Dimming Control	Dimensions (L×W×H)(mm)
75W	EUG-075S070DT/DV	90 ~ 305	450 ~ 700	54 ~ 167	91.0%	99,000	0-5V/0-10V/PWM/Timer	177(150) x 67.5 x 36.5
75W	EUG-075S105DT/DV	90 ~ 305	700 ~ 1050	36 ~ 107	90.5%	99,000	0-5V/0-10V/PWM/Timer	177(150) x 67.5 x 36.5
75W	EUG-075S175DT/DV	90 ~ 305	1190 ~ 1750	22 ~ 63	90.0%	99,000	0-5V/0-10V/PWM/Timer	177(150) x 67.5 x 36.5
75W	EUG-075S280DT/DV	90 ~ 305	1920 ~ 2800	14 ~ 39	89.0%	99,000	0-5V/0-10V/PWM/Timer	177(150) x 67.5 x 36.5
96W	EUG-096S070DT/DV	90 ~ 305	450 ~ 700	74 ~ 213	92.0%	80,000	0-5V/0-10V/PWM/Timer	201(174) x 67.5 x 36.5
96W	EUG-096S105DT/DV	90 ~ 305	700 ~ 1050	48 ~ 137	93.0%	80,000	0-5V/0-10V/PWM/Timer	201(174) x 67.5 x 36.5
96W	EUG-096S210DT/DV	90 ~ 305	1400 ~ 2100	24 ~ 69	92.0%	80,000	0-5V/0-10V/PWM/Timer	201(174) x 67.5 x 36.5
96W	EUG-096S350DT/DV	90 ~ 305	2450 ~ 3500	14 ~ 39	91.0%	80,000	0-5V/0-10V/PWM/Timer	201(174) x 67.5 x 36.5
150W	EUG-150S070DT/DV	90 ~ 305	450 ~ 700	117 ~ 333	93.5%	78,000	0-5V/0-10V/PWM/Timer	209(188) x 67.5 x 39.5
150W	EUG-150S105DT/DV	90 ~ 305	700 ~ 1050	75 ~ 214	93.5%	78,000	0-5V/0-10V/PWM/Timer	209(188) x 67.5 x 39.5
150W	EUG-150S210DT/DV	90 ~ 305	1400 ~ 2100	38 ~ 107	92.5%	78,000	0-5V/0-10V/PWM/Timer	209(188) x 67.5 x 39.5
150W	EUG-150S350DT/DV	90 ~ 305	2450 ~ 3500	22 ~ 61	92.0%	78,000	0-5V/0-10V/PWM/Timer	209(188) x 67.5 x 39.5
150W	EUG-150S560DT/DV	90 ~ 305	3850 ~ 5600	14 ~ 39	92.0%	78,000	0-5V/0-10V/PWM/Timer	209(188) x 67.5 x 39.5
200W	EUG-200S105DT/DV	90 ~ 305	700 ~ 1050	95 ~ 286	94.0%	95,000	0-5V/0-10V/PWM/Timer	221(200) x 67.5 x 39.5
200W	EUG-200S210DT/DV	90 ~ 305	1400 ~ 2100	48 ~ 143	94.0%	95,000	0-5V/0-10V/PWM/Timer	221(200) x 67.5 x 39.5
200W	EUG-200S350DT/DV	90 ~ 305	2450 ~ 3500	29 ~ 82	93.5%	95,000	0-5V/0-10V/PWM/Timer	221(200) x 67.5 x 39.5
200W	EUG-200S560DT/DV	90 ~ 305	3850 ~ 5600	18 ~ 52	92.5%	95,000	0-5V/0-10V/PWM/Timer	221(200) x 67.5 x 39.5
240W	EUG-240S105DT/DV	90 ~ 305	700 ~ 1050	114 ~ 343	94.0%	86,000	0-5V/0-10V/PWM/Timer	233(212) x 67.5 x 39.5
240W	EUG-240S210DT/DV	90 ~ 305	1400 ~ 2100	57 ~ 171	93.0%	86,000	0-5V/0-10V/PWM/Timer	233(212) x 67.5 x 39.5
240W	EUG-240S420DT/DV	90 ~ 305	2800 ~ 4200	29 ~ 86	93.0%	86,000	0-5V/0-10V/PWM/Timer	233(212) x 67.5 x 39.5
240W	EUG-240S670DT/DV	90 ~ 305	4450 ~ 6700	18 ~ 54	93.0%	86,000	0-5V/0-10V/PWM/Timer	233(212) x 67.5 x 39.5

EUC

Inventronics low power, IP66/67 rated EUC (STM) family is ideal for projects that need luminaires at lower levels of brightness without the need for programmability or controls. The EUC family is designed to help improve costs without sacrificing performance and their compact shape offers more flexibility to fit inside a multitude of luminaires. They provide exceptional thermal performance, low THD and higher surge protection.

Inventronics Advantages:

- High Efficiency (Up to 90%)
- Low THD, 10% Max up to 240Vac
- Input Voltage Range: 108-305Vac
- Input over Voltage Protection
- Input under Voltage Protection
- Input Surge Protection: 4kV Line-Line, 6kV Line-Earth
- Waterproof (IP66/IP67)

Convenience:

- Compact Size for Easy Installation
- Suitable for Class I Luminaires

Thermal Performance:

- Long Lifetime: Over 85,800 hours at 70°C Case Temperature



26W 35W 60W

Output Power	Model No.	AC Input Voltage(Vac)	DC Output Current(mA)	DC Output Voltage(Vdc)	Eff.@220Vac	Lifetime(Hours) Tc=75°C	Dimming Control	Dimensions (L×W×H)(mm)
26W	EUC-026S050STM/SVM0003	108~305	350	37~74	88.5%	84,000	-	97(80) x 64 x 32
26W	EUC-026S050STM/SVM0002	108~305	400	32~65	88.0%	84,000	-	97(80) x 64 x 32
26W	EUC-026S050STM/SVM0001	108~305	450	29~58	87.5%	84,000	-	97(80) x 64 x 32
26W	EUC-026S070STM/SVM0004	108~305	500	26~52	88.0%	84,000	-	97(80) x 64 x 32
26W	EUC-026S070STM/SVM0003	108~305	550	24~47	88.0%	84,000	-	97(80) x 64 x 32
26W	EUC-026S070STM/SVM0002	108~305	600	22~43	88.0%	84,000	-	97(80) x 64 x 32
26W	EUC-026S070STM/SVM0001	108~305	650	20~40	87.0%	84,000	-	97(80) x 64 x 32
26W	EUC-026S070STM/SVM0000	108~305	700	20~37	87.0%	84,000	-	97(80) x 64 x 32
32W	EUC-035S070STM/SVM0004	108~305	500	32~64	87.0%	80,000	-	97(80) x 64 x 32
35W	EUC-035S070STM/SVM0003	108~305	550	32~64	87.0%	80,000	-	97(80) x 64 x 32
35W	EUC-035S070STM/SVM0002	108~305	600	29~58	87.0%	80,000	-	97(80) x 64 x 32
35W	EUC-035S070STM/SVM0001	108~305	650	27~54	87.0%	80,000	-	97(80) x 64 x 32
35W	EUC-035S070STM/SVM0000	108~305	700	25~50	87.0%	80,000	-	97(80) x 64 x 32
35W	EUC-035S105STM/SVM0006	108~305	750	23~47	87.0%	80,000	-	97(80) x 64 x 32
35W	EUC-035S105STM/SVM0005	108~305	800	22~44	87.0%	80,000	-	97(80) x 64 x 32
35W	EUC-035S105STM/SVM0004	108~305	860	20~41	86.0%	80,000	-	97(80) x 64 x 32
35W	EUC-035S105STM/SVM0003	108~305	900	20~39	86.0%	80,000	-	97(80) x 64 x 32
35W	EUC-035S105STM/SVM0002	108~305	950	18~37	86.0%	80,000	-	97(80) x 64 x 32
35W	EUC-035S105STM/SVM0001	108~305	1000	18~35	86.0%	80,000	-	97(80) x 64 x 32
35W	EUC-035S105STM/SVM0000	108~305	1050	18~33	86.0%	80,000	-	97(80) x 64 x 32
60W	EUC-060S070STM/SVM0004	108~305	500	60~120	90.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S070STM/SVM0003	108~305	550	54~109	90.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S070STM/SVM0002	108~305	600	50~100	90.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S070STM/SVM0001	108~305	650	48~92	90.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S070STM/SVM0000	108~305	700	48~86	89.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S105STM/SVM0006	108~305	750	40~80	89.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S105STM/SVM0005	108~305	800	37~75	89.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S105STM/SVM0004	108~305	860	35~70	89.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S105STM/SVM0003	108~305	900	34~67	89.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S105STM/SVM0002	108~305	950	34~63	89.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S105STM/SVM0001	108~305	1000	34~60	89.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S105STM/SVM0000	108~305	1050	34~57	89.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S180STM/SVM0006	108~305	1200	25~50	89.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S180STM/SVM0005	108~305	1300	23~46	88.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S180STM/SVM0004	108~305	1400	21~43	88.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S180STM/SVM0003	108~305	1500	20~40	88.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S180STM/SVM0002	108~305	1600	20~38	88.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S180STM/SVM0001	108~305	1700	20~35	88.0%	85,800	-	112(95) x 64 x 32
60W	EUC-060S180STM/SVM0000	108~305	1800	20~33	87.0%	85,800	-	112(95) x 64 x 32

EUR

Inventronics round EUR family offers more design versatility with adjustable output currents through programmability or potentiometer. Their unique compact, metal case offers effective thermal management giving them higher efficiency, longer lifetimes and more durability for hazardous applications. They can be easily integrated on the top of lighting fixtures resulting in a simplified installation and providing your fixture a sleeker, more streamlined appearance.

Inventronics Advantages:

- Ultra High Efficiency (Up to 93%)
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 90-305Vac
- Class 2 & SELV Output
- Suitable for Independent Use
- Input Surge Protection: 4kV Line-Line, 4kV Line-Earth
- All-Around Protection: OVP, SCP, OTP
- Waterproof IP65

Dimming Functions:

- 0-10V/PWM Dimming (DT/DV Models)

Convenience:

- Adjustable Output Current (AOC) with Programmability (DT/DV Models)
- Adjustable Output Current (AOC) with Potentiometer (ST/SV Models)

Thermal Performance:

- Long Lifetime: Over 89,000 hours at 70°C Case Temperature



★ Inventronics Patented Metal Case



96W 150W 240W

Output Power	Model No.	AC Input Voltage(Vac)	DC Output Current(mA)	DC Output Voltage(Vdc)	Eff.@220Vac	Lifetime(Hours) Tc=70°C	Dimming Control	Dimensions (φ×H)(mm)
96W	EUR-096S210DT/DV/ST/SV	90 ~ 305	1400 ~ 2100	24 ~ 69	91.5%	85,000	0-10V/PWM	130 x 70
96W	EUR-096S350DT/DV/ST/SV	90 ~ 305	2450 ~ 3500	14 ~ 39	91.0%	85,000	0-10V/PWM	130 x 70
150W	EUR-150S350DT/DV/ST/SV	90 ~ 305	2450 ~ 3500	22 ~ 61	92.5%	89,000	0-10V/PWM	150 x 72
150W	EUR-150S560DT/DV/ST/SV	90 ~ 305	3850 ~ 5600	14 ~ 39	91.5%	89,000	0-10V/PWM	150 x 72
240W	EUR-240S420DT/DV/ST/SV	90 ~ 305	2800 ~ 4200	29 ~ 86	93.0%	65,000	0-10V/PWM	190 x 79.6
240W	EUR-240S670DT/DV/ST/SV	90 ~ 305	4450 ~ 6700	18 ~ 54	92.5%	65,000	0-10V/PWM	190 x 79.6

EBS

Inventronics Class I/II, full-featured programmable EBS family utilizes push terminals to provide flexibility and easier installation while reducing production and installation costs. The Zhaga compatible design is optimal for the more compact, slimmer European street luminaires and the IP20 rating makes them suitable for outdoor applications in luminaires with IP>54. They can also be upgraded to become an 'independent' LED driver for mounting outside a luminaire enclosure.

Inventronics Advantages:

- Ultra High Efficiency (Up to 94%)
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 176-305Vac
- Suitable for Class I and II Luminaires
- Always-on 12V/200mA Auxiliary Power
- Output Lumen Compensation
- Input Surge Protection: 6kV Line-Line, 10kV Line-Earth
- All-Around Protection: OVP, SCP, OTP
- Comply with Zhaga Interface Specification Book13

Dimming Functions:

- 0-10V/PWM/3 Timer Modes/DALI/AC Dim
- Dim-to-Off with Low Standby Power $\leq 0.5W$

Thermal Performance:

- Long Lifetime: Over 90,000 hours at 75°C Case Temperature
- Thermal Sensing and Protection for LED Module



40W 80W 160W



Features:

- Flexible Cable Clamp for Simple and Quick Cable Mounting
- Easy to Install with LED Driver
- Only Suitable for Inventronics EBS Series Drivers

The END-CAP01 is a cable clamp installed with Inventronics EBS series drivers for independent application

Output Power	Model No.	AC Input Voltage(Vac)	DC Output Current(mA)	DC Output Voltage(Vdc)	Eff.@220Vac	Lifetime(Hours) Tc=75°C	Dimming Control	Dimensions (L×W×H)(mm)
40W	EBS-040S070DTE	176 ~ 305	450 ~ 700	28 ~ 89	90.0%	93,000	0-10V/PWM/Timer	123 x 79 x 33
40W	EBS-040S105DTE	176 ~ 305	700 ~ 1050	19 ~ 57	90.0%	93,000	0-10V/PWM/Timer	123 x 79 x 33
40W	EBS-040S070BTE	176 ~ 305	450 ~ 700	28 ~ 89	89.5%	93,000	Timer/DALI/AC Dim	123 x 79 x 33
40W	EBS-040S105BTE	176 ~ 305	700 ~ 1050	19 ~ 57	89.5%	93,000	Timer/DALI/AC Dim	123 x 79 x 33
80W	EBS-080S070DTE	176 ~ 305	450 ~ 700	57 ~ 178	93.0%	120,000	0-10V/PWM/Timer	125 x 85 x 36
80W	EBS-080S105DTE	176 ~ 305	700 ~ 1050	38 ~ 114	92.5%	120,000	0-10V/PWM/Timer	125 x 85 x 36
80W	EBS-080S070BTE	176 ~ 305	450 ~ 700	57 ~ 178	93.0%	120,000	Timer/DALI/AC Dim	125 x 85 x 36
80W	EBS-080S105BTE	176 ~ 305	700 ~ 1050	38 ~ 114	92.5%	120,000	Timer/DALI/AC Dim	125 x 85 x 36
160W	EBS-160S070DTE	176 ~ 305	450 ~ 700	115 ~ 356	93.5%	102,000	0-10V/PWM/Timer	170 x 100 x 40
160W	EBS-160S105DTE	176 ~ 305	700 ~ 1050	76 ~ 229	94.0%	102,000	0-10V/PWM/Timer	170 x 100 x 40
160W	EBS-160S070BTE	176 ~ 305	450 ~ 700	115 ~ 356	93.5%	102,000	Timer/DALI/AC Dim	170 x 100 x 40
160W	EBS-160S105BTE	176 ~ 305	700 ~ 1050	76 ~ 229	94.0%	102,000	Timer/DALI/AC Dim	170 x 100 x 40

EUV

The EUV Series was created to simplify project design and provides the necessary off-line power conversion functions including PFC, safety isolation and surge protection. They deliver a convenient, reliable dc voltage to the project's circuitry. The EUV Series offers a robust thermal design provides higher efficiency and longer lifetimes. They are ideal for use in new or retrofitted applications such as retail displays, signage, refrigeration and horticulture lighting.

Inventronics Advantages:

- Ultra High Efficiency (Up to 95%)
- Input Voltage Range: 90-305Vac/176-305Vac
- Constant Voltage Output
- SELV Output
- Input Surge Protection: 4kV Line-Line, 6kV Line-Earth
- All-Around Protection: OVP, OCP, SCP, OTP

Thermal Performance:

- Long Lifetime: Over 111,700 hours at 60°C Case Temperature



26W 36W 42W 52W
76W 96W 150W 200W 250W 300W 500W

Output Power	Model No.	AC Input Voltage(Vac)	DC Output Current(mA)	DC Output Voltage(Vdc)	Eff.@220Vac	Lifetime(Hours) Tc=60°C	Dimming Control	Dimensions (L×W×H)(mm)
26W	EUV-026S024PS	90 ~ 305	0 ~ 1080	24	84.00%	91,100	-	78 × 80 × 27
26W	EUV-026S036PS	90 ~ 305	0 ~ 720	36	85.00%	91,100	-	78 × 80 × 27
26W	EUV-026S048PS	90 ~ 305	0 ~ 540	48	86.00%	91,100	-	78 × 80 × 27
42W	EUV-042S012PS	90 ~ 305	0 ~ 3500	12	84.00%	116,000	-	95 × 70 × 32
42W	EUV-042S024PS	90 ~ 305	0 ~ 1750	24	86.00%	116,000	-	95 × 70 × 32
42W	EUV-042S036PS	90 ~ 305	0 ~ 1160	36	87.00%	116,000	-	95 × 70 × 32
42W	EUV-042S048PS	90 ~ 305	0 ~ 875	48	89.00%	116,000	-	95 × 70 × 32
36W	EUV-036S024ST/SV	90 ~ 305	0 ~ 1500	24	85.00%	111,700	-	193(172) × 42.4× 34.0
36W	EUV-036S036ST/SV	90 ~ 305	0 ~ 1000	36	86.00%	111,700	-	193(172) × 42.4× 34.0
36W	EUV-036S048ST/SV	90 ~ 305	0 ~ 750	48	87.00%	111,700	-	193(172) × 42.4× 34.0
52W	EUV-052S024ST/SV	90 ~ 305	0 ~ 2170	24	85.00%	93,300	-	193(172) × 42.4× 34.0
52W	EUV-052S036ST/SV	90 ~ 305	0 ~ 1450	36	86.00%	93,300	-	193(172) × 42.4× 34.0
52W	EUV-052S048ST/SV	90 ~ 305	0 ~ 1080	48	88.00%	93,300	-	193(172) × 42.4× 34.0
76W	EUV-076S012ST/SV/SD/SS	90 ~ 305	0 ~ 5000	12	87.00%	51,000	-	177(150) × 67.5 × 36.5
76W	EUV-076S024ST/SV/SD/SS	90 ~ 305	0 ~ 3170	24	88.00%	51,000	-	177(150) × 67.5 × 36.5
76W	EUV-076S036ST/SV/SD/SS	90 ~ 305	0 ~ 2110	36	89.00%	51,000	-	177(150) × 67.5 × 36.5
76W	EUV-076S042ST/SV/SD/SS	90 ~ 305	0 ~ 1810	42	89.00%	51,000	-	177(150) × 67.5 × 36.5
76W	EUV-076S048ST/SV/SD/SS	90 ~ 305	0 ~ 1580	48	90.00%	51,000	-	177(150) × 67.5 × 36.5
76W	EUV-076S054ST/SV/SD/SS	90 ~ 305	0 ~ 1410	54	91.00%	51,000	-	177(150) × 67.5 × 36.5
96W	EUV-096S024ST/SV	90 ~ 305	0 ~ 4000	24	87.00%	56,600	-	201(174) × 67.5 × 36.5
96W	EUV-096S036ST/SV	90 ~ 305	0 ~ 2660	36	88.00%	56,600	-	201(174) × 67.5 × 36.5
96W	EUV-096S048ST/SV	90 ~ 305	0 ~ 2000	48	88.00%	56,600	-	201(174) × 67.5 × 36.5
96W	EUV-096S054ST/SV	90 ~ 305	0 ~ 1770	54	90.00%	56,600	-	201(174) × 67.5 × 36.5
150W	EUV-150S012ST/SV	90 ~ 305	0 ~ 12500	12	92.00%	77,200	-	226(199) × 67.5 × 39.5
150W	EUV-150S024ST/SV	90 ~ 305	0 ~ 6250	24	93.00%	77,200	-	226(199) × 67.5 × 39.5
150W	EUV-150S036ST/SV	90 ~ 305	0 ~ 4170	36	93.00%	77,200	-	226(199) × 67.5 × 39.5
150W	EUV-150S042ST/SV	90 ~ 305	0 ~ 3570	42	93.00%	77,200	-	226(199) × 67.5 × 39.5
150W	EUV-150S048ST/SV	90 ~ 305	0 ~ 3130	48	93.00%	77,200	-	226(199) × 67.5 × 39.5
150W	EUV-150S054ST/SV	90 ~ 305	0 ~ 2780	54	93.00%	77,200	-	226(199) × 67.5 × 39.5
200W	EUV-200S012ST/SV	90 ~ 305	0 ~ 15000	12	91.00%	95,200	-	226(199) × 67.5 × 39.5
200W	EUV-200S024ST/SV	90 ~ 305	0 ~ 8330	24	92.00%	95,200	-	226(199) × 67.5 × 39.5
200W	EUV-200S036ST/SV	90 ~ 305	0 ~ 5560	36	92.00%	95,200	-	226(199) × 67.5 × 39.5
200W	EUV-200S042ST/SV	90 ~ 305	0 ~ 4760	42	92.50%	95,200	-	226(199) × 67.5 × 39.5
200W	EUV-200S048ST/SV	90 ~ 305	0 ~ 4170	48	92.50%	95,200	-	226(199) × 67.5 × 39.5
200W	EUV-200S054ST/SV	90 ~ 305	0 ~ 3700	54	92.50%	95,200	-	226(199) × 67.5 × 39.5
250W	EUV-250S012ST/SV	90 ~ 305	0 ~ 18330	12	91.50%	59,400	-	251(224) × 88 × 33.5
250W	EUV-250S024ST/SV	90 ~ 305	0 ~ 10410	24	92.00%	59,400	-	251(224) × 88 × 33.5
250W	EUV-250S028ST/SV	90 ~ 305	0 ~ 8930	28	92.00%	59,400	-	251(224) × 88 × 33.5
250W	EUV-250S036ST/SV	90 ~ 305	0 ~ 6940	36	92.50%	59,400	-	251(224) × 88 × 33.5
250W	EUV-250S042ST/SV	90 ~ 305	0 ~ 5950	42	92.50%	59,400	-	251(224) × 88 × 33.5
250W	EUV-250S048ST/SV	90 ~ 305	0 ~ 5200	48	93.00%	59,400	-	251(224) × 88 × 33.5
250W	EUV-250S054ST/SV	90 ~ 305	0 ~ 4620	54	93.50%	59,400	-	251(224) × 88 × 33.5
300W	EUV-300S012ST/SV	90 ~ 305	0 ~ 22900	12	91.50%	58,000	-	251(224) × 98 × 44.5
300W	EUV-300S024ST/SV	90 ~ 305	0 ~ 12500	24	91.00%	58,000	-	251(224) × 98 × 44.5
300W	EUV-300S028ST/SV	90 ~ 305	0 ~ 10710	28	91.50%	58,000	-	251(224) × 98 × 44.5
300W	EUV-300S036ST/SV	90 ~ 305	0 ~ 8330	36	92.00%	58,000	-	251(224) × 98 × 44.5
300W	EUV-300S042ST/SV	90 ~ 305	0 ~ 7140	42	92.00%	58,000	-	251(224) × 98 × 44.5
300W	EUV-300S048ST/SV	90 ~ 305	0 ~ 6250	48	92.50%	58,000	-	251(224) × 98 × 44.5
300W	EUV-300S054ST/SV	90 ~ 305	0 ~ 5560	54	93.00%	58,000	-	251(224) × 98 × 44.5
500W	EBV-500S024ST/SV	176 ~ 305	0~20.83	24	93.50%	117,000	-	291(264) × 108 × 45.5
500W	EBV-500S028ST/SV	176 ~ 305	0~17.85	28	93.50%	117,000	-	291(264) × 108 × 45.5
500W	EBV-500S036ST/SV	176 ~ 305	0~13.88	36	94.00%	117,000	-	291(264) × 108 × 45.5
500W	EBV-500S042ST/SV	176 ~ 305	0~11.90	42	94.50%	117,000	-	291(264) × 108 × 45.5
500W	EBV-500S048ST/SV	176 ~ 305	0~10.41	48	94.50%	117,000	-	291(264) × 108 × 45.5

ESD

Inventronics High Voltage, programmable ESD family comprises the broadest portfolio of high power LED drivers in the industry to operate from both 347Vac mains in Canada and 480Vac mains in the United States. Their ability to adjust output current levels, as well as offering multiple dimming schemes and dim-to-off allows for more project flexibility, better options for intelligent controls, better energy savings and more convenience.

Inventronics Advantages:

- Ultra High Efficiency (Up to 94.5%)
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 249-528Vac
- Always-on 12V/200mA Auxiliary Power
- Output Lumen Compensation
- Input Surge Protection: 4kV Line-Line, 6kV Line-Earth *
- All-Around Protection: OVP, SCP, OTP

Dimming Functions:

- 0-10V/PWM/3 Timer Modes
- Dim-to-Off with Standby Power $\leq 1.5W$

Thermal Performance:

- Thermal Sensing and Protection for LED Module

* For ESD-150, 6 kV line-line and 10 kV line-earth surge protection.



  TYPE HL 

96W 150W 240W 320W

Output Power	Model No.	AC Input Voltage(Vac)	DC Output Current(mA)	DC Output Voltage(Vdc)	Eff.@480Vac	Lifetime (Hours)	Dimming Control	Dimensions (L×W×H)(mm)
96W	ESD-096S090DT	249 ~ 528	450 ~ 900	64 ~ 214	90.5%	103,000 Tc=60°C	0-10V/PWM/Timer	239(212) x 67.5 x 36.5
96W	ESD-096S180DT	249 ~ 528	900 ~ 1800	32 ~ 107	90.5%	103,000 Tc=60°C	0-10V/PWM/Timer	239(212) x 67.5 x 36.5
96W	ESD-096S360DT	249 ~ 528	1800 ~ 3600	16 ~ 53	89.5%	103,000 Tc=60°C	0-10V/PWM/Timer	239(212) x 67.5 x 36.5
150W	ESD-150S105DT	249 ~ 528	700 ~ 1050	75 ~ 214	94.5%	75,000 Tc=70°C	0-10V/PWM/Timer	242(221) x 67.5 x 39.7
150W	ESD-150S210DT	249 ~ 528	1400 ~ 2100	38 ~ 107	94.0%	75,000 Tc=70°C	0-10V/PWM/Timer	242(221) x 67.5 x 39.7
150W	ESD-150S350DT	249 ~ 528	2450 ~ 3500	22 ~ 61	93.0%	75,000 Tc=70°C	0-10V/PWM/Timer	242(221) x 67.5 x 39.7
150W	ESD-150S560DT	249 ~ 528	3850 ~ 5600	14 ~ 39	93.0%	75,000 Tc=70°C	0-10V/PWM/Timer	242(221) x 67.5 x 39.7
240W	ESD-240S100DT	249 ~ 528	700 ~ 1000	120 ~ 343	94.0%	103,000 Tc=60°C	0-10V/PWM/Timer	262(241) x 67.5 x 39.5
240W	ESD-240S150DT	249 ~ 528	1050 ~ 1500	80 ~ 229	93.5%	103,000 Tc=60°C	0-10V/PWM/Timer	262(241) x 67.5 x 39.5
240W	ESD-240S220DT	249 ~ 528	1540 ~ 2200	55 ~ 156	93.0%	103,000 Tc=60°C	0-10V/PWM/Timer	262(241) x 67.5 x 39.5
240W	ESD-240S320DT	249 ~ 528	2240 ~ 3200	38 ~ 107	93.0%	103,000 Tc=60°C	0-10V/PWM/Timer	262(241) x 67.5 x 39.5
240W	ESD-240S460DT	249 ~ 528	3220 ~ 4600	27 ~ 75	93.0%	103,000 Tc=60°C	0-10V/PWM/Timer	262(241) x 67.5 x 39.5
240W	ESD-240S660DT	249 ~ 528	4620 ~ 6600	19 ~ 52	92.5%	103,000 Tc=60°C	0-10V/PWM/Timer	262(241) x 67.5 x 39.5
320W	ESD-320S150DT	249 ~ 528	1050 ~ 1500	107 ~ 305	94.0%	110,000 Tc=60°C	0-10V/PWM/Timer	261(234) x 98 x 44.5
320W	ESD-320S220DT	249 ~ 528	1540 ~ 2200	73 ~ 208	94.5%	110,000 Tc=60°C	0-10V/PWM/Timer	261(234) x 98 x 44.5
320W	ESD-320S310DT	249 ~ 528	2170 ~ 3100	52 ~ 148	94.0%	110,000 Tc=60°C	0-10V/PWM/Timer	261(234) x 98 x 44.5
320W	ESD-320S440DT	249 ~ 528	3080 ~ 4400	37 ~ 104	94.0%	110,000 Tc=60°C	0-10V/PWM/Timer	261(234) x 98 x 44.5
320W	ESD-320S620DT	249 ~ 528	4340 ~ 6200	26 ~ 74	93.5%	110,000 Tc=60°C	0-10V/PWM/Timer	261(234) x 98 x 44.5

EUP

Inventronics AOC (Adjustable Output Current) EUP family is available in 75W, 96W and 150W models. Equipped with a dip-switch, they allow you to achieve optimal results and customize your output current using various configurations. The EUP family helps to reduce design lead-time while offering higher efficiency and surge protection for a more rugged, reliable operation.

Inventronics Advantages:

- High Efficiency (Up to 93.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 90-305Vac
- Class 2 & SELV Output
- Input Surge Protection: 6kV Line-Line, 10kV Line-Earth
- All-Around Protection: OVP, SCP, OTP
- Waterproof (IP67) and UL Dry/Damp/Wet Location

Convenience:

- Adjustable Output Current (AOC) with Dip-Switch
- Suitable for Independent Use

Thermal Performance:

- Long Lifetime: Over 114,000 hours at 70°C Case Temperature



75W 96W 150W

Output Power	Model No.	AC Input Voltage(Vac)	DC Output Current(mA)	DC Output Voltage(Vdc)	Eff.@220Vac	Lifetime(Hours) Tc=70°C	Dimming Control	Dimensions (L×W×H)(mm)
75W	EUP-075S070SV/ST	90 ~ 305	450 ~ 700	54 ~ 167	91.0%	79,000	-	166(145) x 60 x 36.5
75W	EUP-075S105SV/ST	90 ~ 305	700 ~ 1050	36 ~ 107	91.0%	79,000	-	166(145) x 60 x 36.5
75W	EUP-075S175SV/ST	90 ~ 305	1190 ~ 1750	22 ~ 63	90.5%	79,000	-	166(145) x 60 x 36.5
75W	EUP-075S280SV/ST	90 ~ 305	1900 ~ 2800	14 ~ 39	89.5%	79,000	-	166(145) x 60 x 36.5
96W	EUP-096S070SV/ST	90 ~ 305	450 ~ 700	74 ~ 213	93.0%	77,000	-	182(161) x 60 x 36.5
96W	EUP-096S105SV/ST	90 ~ 305	700 ~ 1050	48 ~ 137	93.0%	77,000	-	182(161) x 60 x 36.5
96W	EUP-096S210SV/ST	90 ~ 305	1400 ~ 2100	24 ~ 69	92.0%	77,000	-	182(161) x 60 x 36.5
96W	EUP-096S350SV/ST	90 ~ 305	2625 ~ 3500	14 ~ 36	91.5%	77,000	-	182(161) x 60 x 36.5
150W	EUP-150S070SV/ST	90 ~ 305	450 ~ 700	117 ~ 333	93.0%	114,000	-	192(171) x 60 x 36.5
150W	EUP-150S105SV/ST	90 ~ 305	700 ~ 1050	75 ~ 214	93.0%	114,000	-	192(171) x 60 x 36.5
150W	EUP-150S210SV/ST	90 ~ 305	1400 ~ 2100	38 ~ 107	93.0%	114,000	-	192(171) x 60 x 36.5
150W	EUP-150S350SV/ST	90 ~ 305	2450 ~ 3500	22 ~ 61	92.5%	114,000	-	192(171) x 60 x 36.5
150W	EUP-150S560SV/ST	90 ~ 305	4200 ~ 5600	14 ~ 36	92.0%	114,000	-	192(171) x 60 x 36.5

LUD/LBD

Inventronics programmable IP20 rated LUD/LBD offer models delivering 40W to 75W. Their slim metal case makes them optimal for panel and linear luminaires. These series provide full power over a wide range of adjustable output currents allowing total design flexibility with optimum LED current every time. Their multiple protection modes and excellent thermal design ensure a higher reliability and longer driver lifetime over the competition.

Inventronics Advantages:

- Ultra High Efficiency (Up to 91%)
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 90-305Vac/176-305Vac
- Always-on 12V/200mA Auxiliary Power
- Flicker-Free

Dimming Functions:

- 0-10V/PWM/3 Timer Modes
- Dim-to-Off with Low Standby Power $\leq 0.5W$

Thermal Performance:

- Long Lifetime: Over 95,000 hours at 60°C Case Temperature
- Thermal Sensing and Protection for LED Module



40W 60W 75W

Output Power	Model No.	AC Input Voltage(Vac)	DC Output Current(mA)	DC Output Voltage(Vdc)	Eff.@220Vac	Lifetime (Hours)	Dimming Control	Dimensions (L×W×H)(mm)
40W	LUD-040S075DSF	90 ~ 305	350 ~ 750	17 ~ 114	88.0%	96,000 Tc=60°C	0-10V/PWM/Timer	333 x 30 x 21
40W	LUD-040S150DSF	90 ~ 305	750 ~ 1500	8 ~ 54	88.0%	96,000 Tc=60°C	0-10V/PWM/Timer	333 x 30 x 21
40W	LUD-040S075BSF	90 ~ 305	350 ~ 750	17 ~ 114	90.0%	95,000 Tc=60°C	DALI/Push Dimming	360 x 30 x 21
40W	LUD-040S150BSF	90 ~ 305	750 ~ 1500	8 ~ 54	89.5%	95,000 Tc=60°C	DALI/Push Dimming	360 x 30 x 21
60W	LUD-060S055DS2	90 ~ 305	385 ~ 550	31 ~ 156	90.5%	69,000 Tc=70°C	0-10V/PWM/Timer	378 x 30 x 21
60W	LUD-060S078DS2	90 ~ 305	546 ~ 780	22 ~ 110	90.5%	69,000 Tc=70°C	0-10V/PWM/Timer	378 x 30 x 21
60W	LUD-060S110DS2	90 ~ 305	770 ~ 1100	16 ~ 78	90.5%	69,000 Tc=70°C	0-10V/PWM/Timer	378 x 30 x 21
60W	LUD-060S150DS2	90 ~ 305	1050 ~ 1500	12 ~ 57	89.5%	69,000 Tc=70°C	0-10V/PWM/Timer	378 x 30 x 21
60W	LUD-060S210DS2	90 ~ 305	1470 ~ 2100	8 ~ 40	88.0%	69,000 Tc=70°C	0-10V/PWM/Timer	378 x 30 x 21
60W	LUD-060S055BS2	90 ~ 305	385 ~ 550	31 ~ 156	90.0%	107,000 Tc=60°C	DALI/Push Dimming	378 x 30 x 21
60W	LUD-060S078BS2	90 ~ 305	546 ~ 780	22 ~ 110	90.0%	107,000 Tc=60°C	DALI/Push Dimming	378 x 30 x 21
60W	LUD-060S110BS2	90 ~ 305	770 ~ 1100	16 ~ 78	90.0%	107,000 Tc=60°C	DALI/Push Dimming	378 x 30 x 21
60W	LUD-060S150BS2	90 ~ 305	1050 ~ 1500	12 ~ 57	89.0%	107,000 Tc=60°C	DALI/Push Dimming	378 x 30 x 21
60W	LUD-060S210BS2	90 ~ 305	1470 ~ 2100	8 ~ 40	89.0%	107,000 Tc=60°C	DALI/Push Dimming	378 x 30 x 21
75W	LBD-075S100BSF	176 ~ 305	700 ~ 1000	21 ~ 107	91.0%	89,000 Tc=70°C	DALI/Push Dimming	378 x 30 x 21
75W	LBD-075S150BSF	176 ~ 305	1050 ~ 1500	14 ~ 71	90.0%	89,000 Tc=70°C	DALI/Push Dimming	378 x 30 x 21
75W	LBD-075S210BSF	176 ~ 305	1470 ~ 2100	10 ~ 51	89.5%	89,000 Tc=70°C	DALI/Push Dimming	378 x 30 x 21