

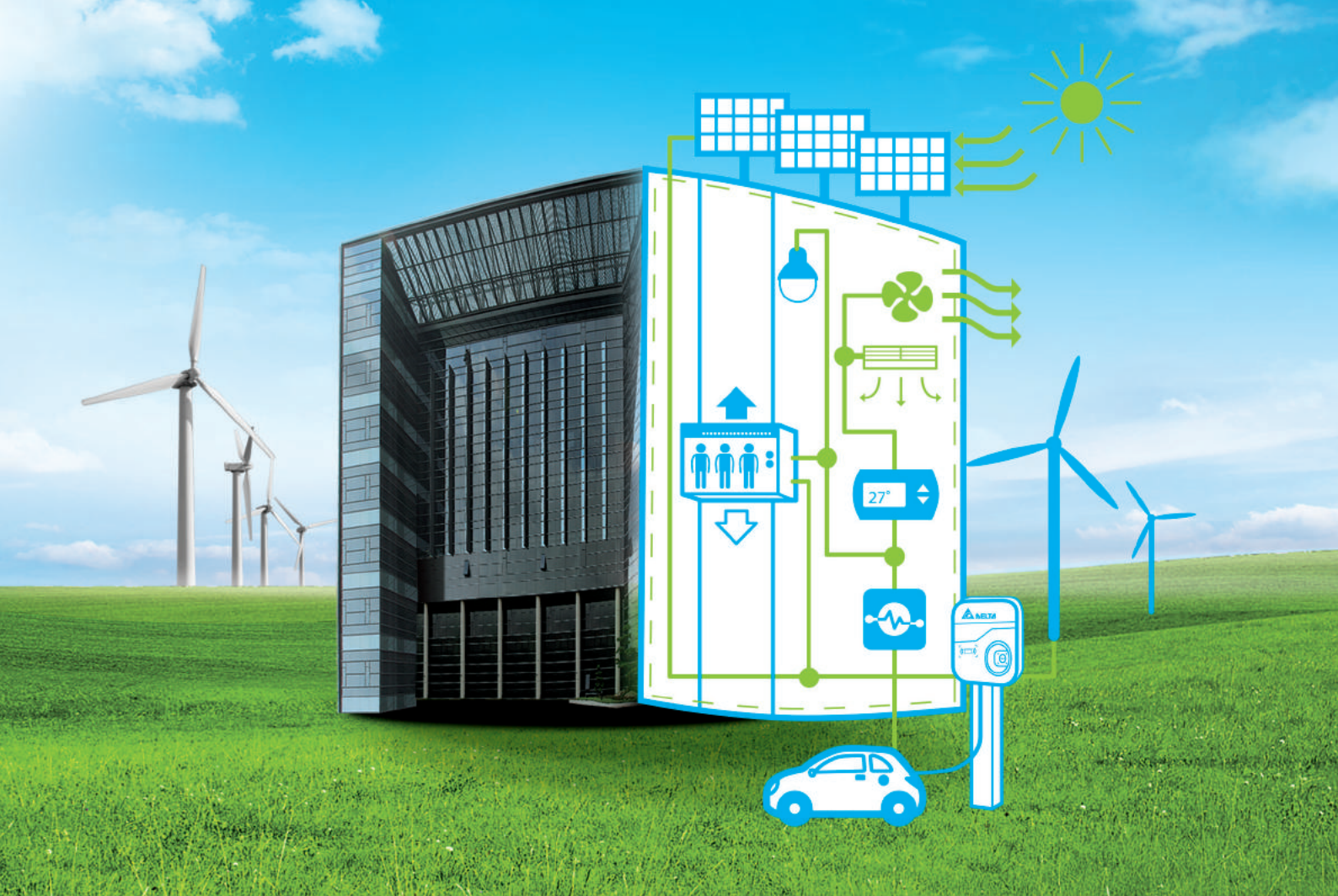


LED DRIVERS

From The World's Leading Power Supply Company

www.deltapsu.com





ABOUT DELTA

Delta was founded in 1971 and has been the global leader in switching power supply solutions since 2002 and DC brushless fans since 2006. Delta offers some of the most energy efficient power products in the industry, including switching power supplies with efficient over 90%, telecom power with up to 98%, and PV inverters with up to 98.8% efficient. We have also developed the world's first server power supply certified as 80 Plus Titanium with over 96% efficient. We regularly invest 6% to 7% of our annual sales revenues in R&D and have world-wide R&D facilities in Taiwan, China, Europe, India, Japan, Singapore, Thailand, and the U.S.

BUSINESS CATEGORIES



Power Electronics

- Component
- Embedded Power
- Fan & Thermal Management
- Automotive Electronics
- Merchant & Mobile Power

vivitek Innergie



Automation

- Industrial Automation
- Building Automation



Infrastructure

- ICT Infrastructure
- Energy Infrastructure

LIGHTING POWER BUSINESS

- Established in 1989
- 1st LED driver launch in 2006
- 30 years lighting power experienced
- Broad range of product portfolio



CORE TECHNOLOGIES

1

Connected Smart Lighting

- Bluetooth Mesh embedded IoT LED driver design
- IPS controlled by Bluetooth Mesh and Beacon solutions
- DALI 2 certificated smart lighting control

2

Digital MCU Solution

- Wide LED voltage and current operating window
- NFC programmable output current
- Bi-directional communications for group dimming, tunable white and power metering

3

High Efficiency & High Power Density

- Patented series-resonant converter technology to enhance efficiency and power density
- Aluminum extrusion with patented silicon gasket design for high temperature lighting applications
- -40°C asphalt potting compound design for the compact size luminaires

4

Reliable Product Development

- High quality active and passive components selection
- Modularization circuit design platform
- Over 10-year IP 67 LED driver installation experience for outdoors



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PRODUCT SELECTION GUIDE

| IoT Applications

Series	Model Name	Iout (mA)	Pout (W)	Vin (Vac)	Dimming Type	Type	Iout Set	Page
EUCI BA	EUCI-015035BA	200-350	15	220-240	BLE	Independent	X	7
	EUCI-035090BA	500-900	35	220-240	BLE	Independent	X	7
EUCI BL	EUCI-020070BLA	250-700	20	220-240	BLE / DALI	Built-in	DALI	8
	EUCI-040140BLA	500-1400	40	220-240	BLE / DALI	Built-in	DALI	8
USCT BL	USCT-040105HLA	350-1050	40	110-277	BLE Dongle / DALI	Built-in	DALI	9
	USCT-040105ULA	350-1050	40	110-277	BLE Dongle / DALI	Built-in	DALI	9
EUCI BLS	EUCI-040035UA	350 x 2ch	40	220-240	BLE Dongle / DALI	Built-in	X	10

| Indoor Applications

Series	Model Name	Iout (mA)	Pout (W)	Vin (Vac)	Dimming Type	Type	Iout Set	Page
USCI Square Top	USCI-020070DAA	700	20	120-277	1-10V	Recongnized	X	11
	USCI-020105DAA	1050	20	120-277	1-10V	Recongnized	X	11
	USCI-030070DAA	700	30	120-277	1-10V	Recongnized	X	11
	USCI-050105DAA	1050	50	120-277	1-10V	Recongnized	X	11
	USCI-050105FAA	1050	50	120-277	1-10V	Recongnized	X	11
USCI Square Side	USCI-020070DBA	700	20	120-277	1-10V	Built-in / Recongnized	X	12
	USCI-020105DBA	1050	20	120-277	1-10V	Built-in / Recongnized	X	12
	USCI-030070DBA	700	30	120-277	1-10V	Built-in / Recongnized	X	12
	USCI-050105DBA	1050	50	120-277	1-10V	Built-in / Recongnized	X	12
	USCI-050105FBA	1050	50	120-277	1-10V	Built-in / Recongnized	X	12
USCI Mini Can	USCI-040070DA	700	40	120-277	1-10V	Built-in / Recongnized	X	13
	USCI-040105DA	1050	40	120-277	1-10V	Built-in / Recongnized	X	13
	USCI-040125DA	1250	40	120-277	1-10V	Built-in / Recongnized	X	13
	USCI-040140DA	1400	40	120-277	1-10V	Built-in / Recongnized	X	13
	USCI-040210DA	2100	40	120-277	1-10V	Built-in / Recongnized	X	13
	USCI-055125DA	1250	55	120-277	1-10V	Built-in / Listed	X	13

Indoor Applications

Series	Model Name	Iout (mA)	Pout (W)	Vin (Vac)	Dimming Type	Type	Iout Set	Page
USCI Mini Can	USCI-040070FA	700	40	120-277	1-10V	Built-in / Reconnigized	X	14
	USCI-040105FA	1050	40	120-277	1-10V	Built-in / Reconnigized	X	14
	USCI-040125FA	1250	40	120-277	1-10V	Built-in / Reconnigized	X	14
	USCI-040140FA	1400	40	120-277	1-10V	Built-in / Reconnigized	X	14
	USCI-040210FA	2100	40	120-277	1-10V	Built-in / Reconnigized	X	14
	USCI-055125FA	1250	55	120-277	1-10V	Listed	X	14
USCI Micro	USCI-020070FA	700	20	120-277	X	Reconnigized	X	15
	USCI-030070FA	700	30	120-277	X	Reconnigized	X	15
	USCI-020105FA	1050	20	120-277	X	Reconnigized	X	15
USCT-Linear	USCT-030140GA	350-1050	30	120-277	1-10V	Listed	I-Pro	16
	USCT-050140GA	350-1400	50	120-277	1-10V	Listed	I-Pro	16
	USCT-080210GA	700-2100	80	120-277	1-10V	Listed	I-Pro	16
EUCI-Linear	EUCI-040035LA	350 x 2ch	40	220-240	X	Built-in	X	17
	EUCI-080070LA	500/700 x 2ch	80	220-240	X	Built-in	Switch Dim	17
EUCI-Mini	EUCI-020070GLA	250-700	20	220-240 176-280(DC)	DALI	Independent	I-Pro	18
	EUCI-040140GLA	500-1400	40	220-240 176-280(DC)	DALI	Independent	I-Pro	18
	EUCI-050140GLA	500-1400	50	220-240 176-280(DC)	DALI	Independent	I-Pro	18
EUCI Panda 20W	EUCI-020035FC	350	20	220-240	X	Independent	X	19
	EUCI-020035FA	350	20	220-240	X	Independent	X	19
	EUCI-020040FA	400	20	220-240	X	Independent	X	19
	EUCI-020050FA	500	20	220-240	X	Independent	X	19
	EUCI-020060FA	600	20	220-240	X	Independent	X	19
	EUCI-020070FA	700	20	220-240	X	Independent	X	19
EUCI Panda 35W	EUCI-035050FA/B	500	35	220-240	X	Independent / Built-in	X	20
	EUCI-035060FA/B	600	35	220-240	X	Independent / Built-in	X	20
	EUCI-035070FA/B	700	35	220-240	X	Independent / Built-in	X	20
	EUCI-035080FA/B	800	35	220-240	X	Independent / Built-in	X	20

PRODUCT SELECTION GUIDE

| Indoor Applications

Series	Model Name	Iout (mA)	Pout (W)	Vin (Vac)	Dimming Type	Type	Iout Set	Page
EUCI Panda 35W	EUCI-035090FA/B	900	35	220-240	X	Independent / Built-in	X	20
	EUCI-035105FA/B	1050	35	220-240	X	Independent / Built-in	X	20
EUCI Panda 40W	EUCI-040050FB/BA	500	40	220-240	X	Independent	X	21
	EUCI-040060FB/BA	600	40	220-240	X	Independent	X	21
	EUCI-040070FB/BA	700	40	220-240	X	Independent	X	21
EUCI Panda 50W	EUCI-050070FA/B	700	50	220-240	X	Independent / Built-in	X	22
	EUCI-050080FA/B	800	50	220-240	X	Independent / Built-in	X	22
	EUCI-050090FA/B	900	50	220-240	X	Independent / Built-in	X	22
	EUCI-050105FA/B	1050	50	220-240	X	Independent / Built-in	X	22
	EUCI-050115FA/B	1150	50	220-240	X	Independent / Built-in	X	23
	EUCI-050125FA/B	1250	50	220-240	X	Independent / Built-in	X	23
	EUCI-050130FA/B	1325	50	220-240	X	Independent / Built-in	X	23
	EUCI-050140FA/B	1400	50	220-240	X	Independent / Built-in	X	23
JPCI	JPCI-050030LA	100-300	50	100-242	X	Built-in	DIP SW	24

| Outdoor & Industrial Applications

Series	Model Name	Iout (mA)	Pout (W)	Vin (Vac)	Dimming Type	Waterproof / Type	Iout Set	Page
EUCO Fixed	EUCO-065035FA	350	65	220-240	X	IP67	X	25
	EUCO-065050FA	500	65	220-240	X	IP67	X	25
	EUCO-065070FA	700	65	220-240	X	IP67	X	25
	EUCO-065105FA	1050	65	220-240	X	IP67	X	25
	EUCO-100035FA	350	100	220-240	X	IP67	X	25
	EUCO-100050FA	500	100	220-240	X	IP67	X	26
	EUCO-100070FA	700	100	220-240	X	IP67	X	26
	EUCO-100105FA	1050	100	220-240	X	IP67	X	26
	EUCO-150050FA	500	150	220-240	X	IP67	X	26

Outdoor & Industrial Applications

Series	Model Name	Iout (mA)	Pout (W)	Vin(V)	Dimming Type	Waterproof / Type	Iout Set	Page
EUCO Fixed	EUCO-150070FA	700	150	220-240	X	IP67	X	26
	EUCO-150105FA	1050	150	220-240	X	IP67	X	26
USCO PRO	USCO-040140GA	300 – 1400	40	110-277	0-10V	IP66 / IP67 / Wet	i-Pro	27
	USCO-075140GA	500 – 1400	75	110-277	0-10V	IP66 / IP67 / Wet	i-Pro	27
	USCO-100140GA	600 – 1400	100	110-277	0-10V	IP66 / IP67 / Wet	i-Pro	27
	USCO-150140GC	600 – 1400	150	110-277	0-10V	IP66 / IP67 / Wet	i-Pro	28
	USCO-200140GA	600 – 1400	200	110-277	0-10V	IP66 / IP67 / Wet	i-Pro	28
	USCO-250140GA	600 – 1400	250	110-277	0-10V	IP66 / IP67 / Wet	i-Pro	28
	USCO-320210GA	700 – 2100	320	110-277	0-10V	IP66 / IP67 / Wet	i-Pro	28
USCO	USCO-040070DB	700	40	110-277	1-10V	IP66 / IP67 / Wet	X	29
	USCO-075070DA	700	75	110-277	1-10V	IP66 / IP67 / Wet	X	29
	USCO-100070FA	700	100	110-277	X	IP66 / IP67 / Wet	X	29
	USCO-100070DA	700	100	110-277	1-10V	IP66 / IP67 / Wet	X	29
	USCO-100105FA	1050	100	110-277	X	IP66 / IP67 / Wet	X	30
	USCO-100105DA	1050	100	110-277	1-10V	IP66 / IP67 / Wet	X	30
	USCO-150070FA	700	150	110-277	X	IP66 / IP67 / Wet	X	30
	USCO-150070DA	700	150	110-277	1-10V	IP66 / IP67 / Wet	X	30
	USCO-150070LA	700	150	110-277	DALI	IP66 / IP67 / Wet	X	30
	USCO-150105FA	1050	150	110-277	X	IP66 / IP67 / Wet	X	30
	USCO-150105DA	1050	150	110-277	1-10V	IP66 / IP67 / Wet	X	30
	USCO-150105LA	1050	150	110-277	DALI	IP66 / IP67 / Wet	X	30
	USCO-210140DA	1400	210	120-277	1-10V	IP66 / IP67 / Wet	X	30
EUCO PRO	EUCO-100140GA	600 – 1400	100	220-240	0-10V	IP66 / IP67 / Wet	i-Pro	31
	EUCO-150140GA	600 – 1400	150	220-240	0-10V	IP66 / IP67 / Wet	i-Pro	31
	EUCO-200140GA	600 – 1400	200	220-240	0-10V	IP66 / IP67 / Wet	i-Pro	31
	EUCO-250140GA	600 – 1400	250	220-240	0-10V	IP66 / IP67 / Wet	i-Pro	31
JPCO	JPLCO-075050DA	500	75	100-242	PWM	IP67 / Wet	X	32

PRODUCT SELECTION GUIDE

| Outdoor & Industrial Applications

Series	Model Name	Iout (mA)	Pout (W)	Vin(V)	Dimming Type	Waterproof / Type	Iout Set	Page
JPCO	JPLCO-100050DA	500	100	100-242	PWM	IP67 / Wet	X	32
	JPLCO-150050DA	500	150	100-242	PWM	IP67 / Wet	X	32
	JPHCO-200100DA	1000	200	200-242	PWM	IP67 / Wet	X	32
USCI WT	USCI-075070FA	700	75	120-277	X	Built-in / Reconginized	X	33
	USCI-075070DA	700	75	120-277	1-10V	Built-in / Reconginized	X	33
	USCI-100070FA	700	100	120-277	X	Built-in / Reconginized	X	33
	USCI-100070DA	700	100	120-277	1-10V	Built-in / Reconginized	X	33
	USCI-150070FA	700	150	120-277	X	Built-in / Reconginized	X	33
	USCI-150070DA	700	150	120-277	1-10V	Built-in / Reconginized	X	33
USCI A/B Can	USCI-075070DB	700	75	120-277	1-10V	Built-in / Reconginized	X	34
	USCI-100070DB	700	100	120-277	1-10V	Built-in / Reconginized	X	34
	USCI-150070DB	700	150	120-277	1-10V	Built-in / Reconginized	X	34
	USCI-150105DC	1050	150	120-277	1-10V	Built-in / Reconginized	X	34
	USCI-150070LC	700	150	120-277	DALI	Built-in / Reconginized	X	34
	USCI-150105LC	1050	150	120-277	DALI	Built-in / Reconginized	X	34
USCI PRO	USCI-075140GA	500-1400	75	120-277	0-10V	Built-in / Listed	I-Pro	35
	USCI-100140GA	600-1400	100	120-277	0-10V	Built-in / Listed	I-Pro	35
	USCI-150140GC	600-1400	150	120-277	0-10V	Built-in / Listed	I-Pro	35
	USCI-200140GA	600-1400	200	120-277	0-10V	Built-in / Listed	I-Pro	35
	USCI-200175GA	700-1750	200	120-277	0-10V	Built-in / Listed	I-Pro	35
	USCI-200175GLA	700-1750	200	120-277	DALI	Built-in / Listed	DALI	35
EUCI PRO	EUCI-040105GLA	350-1050	40	220-240	DALI / PUSH	Built-in	NFC-Pro Rset	36
	EUCI-075105GLA	350-1050	75	220-240	DALI / PUSH	Built-in	NFC-Pro Rset	36
	EUCI-130105GLA	350-1050	130	220-240	DALI / PUSH	Built-in	NFC-Pro Rset	36
	EUCI-170105GLA	350-1050	170	220-240	DALI / PUSH	Built-in	NFC-Pro Rset	36

Signage Applications

Series	Model Name	Vout(V)	Pout (W)	Vin(V)	Dimming type	Waterproof	Page
USVI Cuboid	SDHV1220A	12	20	120-277	X	Dry / Damp	37
	SDHV2420A	24	20	120-277	X	Dry / Damp	37
USVI Multi	USVI-120012FA	12	120	120-277	X	Dry / Damp	38
	USVI-180012FA	12	180	120-277	X	Dry / Damp	38
	USVI-200024FA	24	200	120-277	X	Dry / Damp	38
USVI Sign	USVI-060012FF	12	60	120-277	X	Dry / Damp	39
	USVI-060012DG	12	60	120-277	0-10V	Dry / Damp	39
	USVI-060024DG	24	60	120-277	0-10V	Dry / Damp	39
	USVI-100024DG	24	100	120-277	0-10V	Dry / Damp	39
	USVI-060012FG	12	60	120-277	X	Dry / Damp	40
	USVI-060024FG	24	60	120-277	X	Dry / Damp	40
	USVI-100024FG	24	100	120-277	X	Dry / Damp	40
	USVI-100024FB	24	100	120-277	X	Dry / Damp	40
EUVO Fixed	EUVO-060012FA	12	60	220-240	X	IP67	41
	EUVO-080024FA	24	80	220-240	X	IP67	41
	EUVO-100012FA	12	100	220-240	X	IP67	41
	EUVO-100024FA	24	100	220-240	X	IP67	41
	EUVO-250024FA	24	250	220-240	X	IP67	41

LED DRIVERS

IoT Applications



PRODUCT SERIES

With built-in Bluetooth mesh, Delta LED drivers for IoT applications enable remote control of light fixtures and IoT features incorporation. The user can turn on/off and dim the light, schedule occupancy and monitor the status remotely. No additional cost of connection is required for the retrofits and incorporation of the smart features. Time for wiring is also waived. Choose Delta LED drivers to save the time and cost to make your light fixtures IoT ready.



EUCI BA

- 15W \ 35W constant current design
- Bluetooth low energy dimming available
- 1% - 100% dimming range
- Two channels for color mix application
- Built-in or independent with strain-relief set



EUCI BL

- Wide range constant current design
- Bluetooth and DALI dimming available
- Adjustable constant current by DALI tool
- 1% - 100% dimming range
- Optional strain-relief set for independent



USCT BL

- Universal input voltage from 110-277Vac
- Bluetooth and DALI dimming available
- Adjustable constant current by DALI tool
- 1% - 100% dimming range
- Two channels for color mix application



EUCI BLS

- 2 channels 350mA constant current design
- Max. output power 20W x 2
- Bluetooth and DALI dimming available
- 3% - 100% dimming range
- 21mm height linear mechanical design



EUCI BA

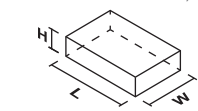
FEATURES

- Constant current design
- Bluetooth low energy dimming available
- 1% -100% dimming range
- EMEA AC input voltage from 220-240Vac
- Built-in or independent type with clip-in strain-relief
- Two channels for color mix application

SPECIFICATIONS

OUTPUT RATINGS		EUCI-015035BA	EUCI-035090BA
Output Voltage Range		15-42Vdc	20-39Vdc
Max. No Load Output Voltage		50Vrms	55Vrms
Output Power Range		CH1+CH2=15W	CH1+CH2=35W
Adjustable Output Current (Bluetooth)		3.5-350mA	9-900mA
Current Accuracy		± 7% (@ Typical output current range)	± 5% (@ Typical output current range)
Line Regulation		± 1% (@ 110-277Vac input)	
Load Regulation		± 5% (@ Min-Max output voltage)	
Output Current LF Ripple		5% (ripple = peak-average/average) at full load	
INPUT RATINGS			
Input Voltage Range		198-264Vac	
Input Frequency Range		47-63 Hz	
Max Input Current	220Vac	0.087A	0.2A
Efficiency ¹⁾	230Vac	86.5%	88%
Inrush Current (Apk / 50% - uS @ Cold Start)		4A/50uS	
Power Factor		Full Load: > 0.95 @ 230Vac	
Leakage Current		< 0.7mA peak @ 240Vac	
MECHANICAL			
Casing		Plastic, Color : White	
Dimensions (L x W x H)		100.0 x 43.0 x 25.0 mm 3.94 x 1.69 x 0.98 inch	Without Kits : 100.0 x 45.0 x 30.0 mm 3.94 x 1.77 x 1.18 inch
Unit Weight		0.08kg (0.18 lb)	0.16kg (0.35 lb)
Input Connector		Terminal, 2-pole (Line/Neutral), Conductor 0.75~1.5 mm ² , Strip length 8.5...9.5mm	
Output Connector		Terminal, 4-pole (Positive/Negative/ Positive/Negative), Conductor 0.75~1.5 mm ² Strip length 8.5...9.5mm	
ENVIRONMENT			
Ambient Temperature	Operating	-25 to +50°C	
	Storage	-25°C to +85°C	
Relative Humidity Operating		10 to 90% RH (Non-Condensing)	
Ingress Protection Classification		IP20	

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



EUCI BL

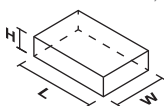
FEATURES

- Constant current design
- Bluetooth low energy and DALI dimming available
- Adjustable constant current level through DALI tool
- 1% -100% dimming range
- EMEA AC input voltage from 220-240Vac
- Optional strain-relief set for independent applications

SPECIFICATIONS

OUTPUT RATINGS		EUCI-020070BLA	EUCI-040140BLA
Output Voltage Range		24-54Vdc	20-40Vdc
Max. No Load Output Voltage		59Vrms	59Vrms
Output Power Range		20W	40W
Adjustable Output Current (DALI)		250-700mA	500-1400mA
Current Accuracy		± 5% (@ Typical output current range)	
Line Regulation		± 1% (@ 220-240Vac input)	
Load Regulation		± 5% (@ Min-Max output voltage)	
Output Current LF Ripple		5% (ripple = peak-average/average) at full load	
INPUT RATINGS			
Input Voltage Range		198-264Vac	
Input Frequency Range		47-63 Hz	
Max Input Current	220Vac	0.13A	0.25A
Efficiency ¹⁾	230Vac	87%	88%
Inrush Current (Apk / 50% - uS @ Cold Start)		10A/50uS @ 230Vac	
Power Factor		Full Load: > 0.95 @ 230Vac	
Leakage Current		< 0.7mA peak @ 240Vac	
MECHANICAL			
Casing		Plastic, Color : White	
Dimensions (L x W x H)		Without Kits : 100.0 x 45.0 x 30.0 mm 3.94 x 1.77 x 1.18 inch	With Kits : 150.0 x 45.0 x 30.0 mm 5.91 x 1.77 x 1.18 inch
Unit Weight		0.11kg (0.24 lb)	0.16kg (0.35 lb)
Cooling System		Convection	
Input Connector		Terminal, 4-pole (Neutral/Line/DALI1/DALI2), Conductor 0.75~1.5 mm ² , Strip length 8.5...9.5mm	
Output Connector		Terminal, 2-pole (Positive/Negative), Conductor 0.75~1.5 mm ² , Strip length 8.5...9.5mm	
ENVIRONMENT			
Ambient Temperature	Operating	-25°C to +60°C	-25°C to +50°C
	Storage	-25°C to +85°C	
Relative Humidity Operating		10 to 90% RH (Non-Condensing)	
Ingress Protection Classification		IP20	

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

USCT BL

FEATURES

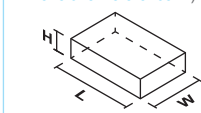


- Constant current design
- Universal input voltage from 110-277Vac
- Adjustable constant current level through DALI tool
- Bluetooth low energy and DALI dimming available
- 1% -100% dimming range
- Two channels output current design

SPECIFICATIONS

OUTPUT RATINGS		USCT-040105HLA	USCT-040105ULA
Output Voltage Range		20-50Vdc	20-50Vdc
Max. No Load Output Voltage		60Vrms	60Vrms
Output Power Range		CH1+CH2=40W	One Channel: 40W
Adjustable Output Current (DALI or Bluetooth)		350-1050mA	350-1050mA
Current Accuracy		± 5% (@ Typical output current range)	
Line Regulation		± 1% (@ 110-277 Vac input)	
Load Regulation		± 5% (@ Min-Max output voltage)	
Output Current LF Ripple		5% (ripple = peak-average/average) at full load	
INPUT RATINGS			
Input Voltage Range		99-305Vac	
Input Frequency Range		47-63 Hz	
Max Input Current	110Vac	0.43A	0.43A
Efficiency ¹⁾	230Vac	87%	88%
Inrush Current (Apk / 50% - uS @ Cold Start)		10A/50uS @ 230Vac	
Power Factor		Full Load: > 0.95 @ 230Vac	
Leakage Current		< 0.7mA peak @ 277Vac	
MECHANICAL			
Casing		Metal sheet, Color: Natural	
Dimensions (L x W x H)		280.0 x 30.4 x 25.4 mm 11.02 x 1.20 x 1.00 inch	
Unit Weight		0.33kg (0.73 lb)	
Input Connector		Terminal, 6-pole (Line/Neutral/Spacer/PE/DALI1/DALI2), Conductor 0.5~1.5 mm ² , Strip length 8.5...9.5mm	
Output Connector		Terminal, 4-pole (LED1+/LED1-/LED2+/LED2-), Conductor 0.5~1.5 mm ² , Strip length 8.5...9.5mm	Terminal, 2-pole (LED+/LED-), Conductor 0.5~1.5 mm ² , Strip length 8.5...9.5mm
ENVIRONMENT			
Ambient Temperature	Operating	-30°C to +50°C	
	Storage	-30°C to +85°C	
Relative Humidity Operating		10 to 90% RH (Non-Condensing)	
Ingress Protection Classification		IP20	

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

EUCI BLS

FEATURES

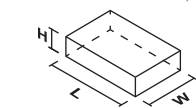
- Constant current design
- EMEA AC input voltage from 220-240Vac
- Build-in active PFC and conform to harmonic current
- Bluetooth low energy and DALI dimming available
- 3% -100% dimming range
- 2 channels 350mA output current design



SPECIFICATIONS

OUTPUT RATINGS		EUCI-040035UA
Output Voltage Range		17-57Vdc
Max. No Load Output Voltage		60Vrms
Output Power Range		20W x 2
Dimming Output Current (DALI or Bluetooth)		10-350mA
Current Accuracy		± 5% (@ Typical output current range)
Line Regulation		± 1% (@ 110-277Vac input)
Load Regulation		± 3% (@ Min-Max output voltage)
Output Current LF Ripple		20% (ripple = peak-average/average) at full load
INPUT RATINGS		
Input Voltage Range		198-264Vac
Input Frequency Range		47-63 Hz
Max Input Current	220Vac	0.24A
Efficiency ¹⁾	230Vac	86%
Inrush Current (Apk / 50% - uS @ Cold Start)		10A/50uS @ 230Vac
Power Factor		Full Load: > 0.95 @ 230Vac
Leakage Current		< 0.7mA peak @ 240Vac
MECHANICAL		
Casing		Metal, Material: SGCC, Color: Natural, no potting
Dimensions (L x W x H)		359.0 x 30.0 x 21.0 mm 14.13 x 1.18 x 0.83 inch
Unit Weight		0.31kg (0.68 lb)
Input Connector		WAGO:250-203, Gray, L / N / PE, wire preparation:0.5-1.5 mm ²
Output Connector		WAGO:250, Red/Black, Vo1+/- Vo2+/-
Dimming Connector		WAGO:250, Orange/Orange, DALI+ / DALI-
ENVIRONMENT		
Ambient Temperature	Operating	-25°C to +50°C
	Storage	-25°C to +85°C
Relative Humidity Operating		10 to 60% RH (Non-Condensing)
Ingress Protection Classification		IP20

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

LED DRIVERS

Indoor Applications



PRODUCT SERIES

Indoor lighting is a very diverse category that demands wide variety of wattages and packages. Delta LED drivers cover broad range of indoor applications including track lights, linear troffers, architectural lighting, entertainment lighting, and highbay/lowbay. With programmable function and the options of 0-10V or DALI 2 control, Delta LED drivers ensure the indoor lighting work.



EUCI Mini

- 20-50W Pout, constant current design
- SELV output
- 220-240Vac / 176-280Vdc application
- Programmable output current
- DALI dimming control



USCT Linear

- 30-80W Pout, constant current design
- Class2 output
- Universal 120-277Vac input
- Programmable output current
- 1" height design



EUCI Panda

- 20-50W Pout, constant current design
- 350-1400mA fulfill all applications
- SELV output
- 220-240Vac for EMEA region
- Independent or Built-in type



USCI Min Can

- 40-55W Pout, constant current design
- Class2 output
- Dimming / fixed output
- Universal 120-277Vac input
- 4kV high surge immunity ability



USCI Square Top

FEATURES

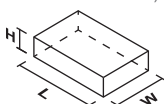
- Constant current design
- Universal AC input voltage from 120-277Vac
- Wide operating temperature range -25°C to +55°C
- Class 2 output
- Dry / Damp location



SPECIFICATIONS

OUTPUT RATINGS		USCI-020070DAA	USCI-030070DAA	USCI-020105DAA	USCI-050105DAA	USCI-050105FAA
Output Voltage Range		14-30Vdc	28-44Vdc	10-19Vdc	29-48Vdc	29-48Vdc
Max. No Load Output Voltage		35Vrms	48Vrms	25Vrms	56Vrms	56Vrms
Output Power Range		20W	30W	20W	50W	50W
Rated Output Current		700mA	700mA	1050mA	1050mA	1050mA
Line Regulation		± 5% (@ 120-277Vac input)				
Load Regulation		± 5% (@ Min-Max output voltage)				
Output Current Ripple		30% (ripple = peak-average/average) at full load & @120V/277V 60Hz				
INPUT RATINGS						
Input Voltage Range		108-305Vac				
Input Frequency Range		47-63 Hz				
Max. Input Current	120Vac	0.23A	0.33A	0.21A	0.51A	0.51A
Efficiency ¹⁾	120-277Vac	80%	81%	80%	83%	83%
Inrush Current	277Vac	meet NEMA.410				
Power Factor		Full Load: > 0.9 @ 120-277Vac				
Leakage Current		< 0.5mArms @ 277Vac				
MECHANICAL						
Casing		Metal Sheet, Color: Black				
Dimensions (L x W x H)		82.9 x 75.4 x 31.5 mm 3.26 x 2.97 x 1.24 inch				
Unit Weight		0.4kg (0.88 lb)				
Cooling System		Convection				
Input Wire		Line: Black, Neural: White, Wire Length 300mm				
Output Wire		Positive: Red, Negative: Blue, Wire Length 300mm				
Dimming Wire		Dim(+): Violet, Dim(-): Gray, Wire Length 300mm				N/A
ENVIRONMENT						
Ambient Temperature	Operating	-25°C to +55°C				
	Storage	-40°C to +85°C				
Relative Humidity Operating		10 to 85% RH (Non-Condensing)				
Environmental Locations		Dry / Damp				

Dimensions Reference 2)



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



USCI Square Side

FEATURES

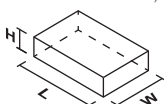
- Constant current design
- Universal AC input voltage from 120-277Vac
- Wide operating temperature range -25°C to +55°C
- Class 2 Output
- Dry / Damp location

CE  **SELV Class 2**

SPECIFICATIONS

OUTPUT RATINGS		USCI-020070DBA	USCI-030070DBA	USCI-020105DBA	USCI-050105DBA	USCI-050105FBA
Output Voltage Range		14-30Vdc	28-44Vdc	10-19Vdc	29-48Vdc	29-48Vdc
Max. No Load Output Voltage		35Vrms	48Vrms	25Vrms	56Vrms	56Vrms
Output Power Range		20W	30W	20W	50W	50W
Rated Output Current		700mA	700mA	1050mA	1050mA	1050mA
Line Regulation		± 5% (@ 120-277Vac input)				
Load Regulation		± 5% (@ Min-Max output voltage)				
Output Current Ripple		30% (ripple = peak-average/average) at full load & @120V/277V 60Hz				
INPUT RATINGS						
Input Voltage Range		108-305Vac				
Input Frequency Range		47-63 Hz				
Max. Input Current	120Vac	0.23A	0.33A	0.21A	0.51A	0.51A
Efficiency ¹⁾	120-277Vac	80%	81%	80%	83%	83%
Inrush Current	277Vac	meet NEMA.410				
Power Factor		Full Load: > 0.9 @ 120-277Vac				
Leakage Current		< 0.5mA rms & <0.7mA peak @ 277Vac				
MECHANICAL						
Casing		Metal Sheet, Color: Black				
Dimensions (L x W x H)		100.0 x 75.5 x 31.5 mm 3.26 x 2.97 x 1.23 inch				
Unit Weight		0.41kg (0.90 lb)				
Cooling System		Convection				
Input Wire		Line: Black, Neural: White, Wire Length 230mm				
Output Wire		Positive: Red, Negative: Blue, Wire Length 300mm				
Dimming Wire		Dim(+): Violet, Dim(-): Gray, Wire Length 300mm				N/A
ENVIRONMENT						
Ambient Temperature	Operating	-25°C to +55°C				
	Storage	-40°C to +85°C				
Relative Humidity Operating		10 to 85% RH (Non-Condensing)				
Environmental Locations		Dry / Damp				

Dimensions Reference 2)



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

USCI Mini Can



FEATURES

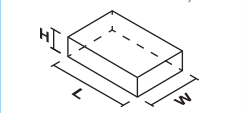
- Constant current design
- Universal AC input voltage from 120-277Vac
- Wide operating temperature range -25°C to +55°C
- Suitable for Dry and Damp location
- 1-10V dimming available
- Common mode 4kV and differential mode 4kV surge immunity

CE  **SELV Class 2**
E336604

SPECIFICATIONS

OUTPUT RATINGS		USCI-040070DA	USCI-040105DA	USCI-040125DA	USCI-040140DA	USCI-040210DA	USCI-055125DA
Output Voltage Range		32-55Vdc	26-38Vdc	21.8-32Vdc	19.5-28.5Vdc	13-19Vdc	28-44Vdc
Max. No Load Output Voltage		60Vrms	45Vrms	39Vrms	35Vrms	24Vrms	49Vrms
Output Power Range		40W	40W	40W	40W	40W	55W
Rated Output Current		700mA	1050mA	1250mA	1400mA	2100mA	1250mA
Line Regulation		± 5% (@ 120-277Vac input)					
Load Regulation		± 5% (@ Min-Max output voltage)					
Output Current LF Ripple		5% (ripple = peak-average/average) at full load (<100Hz)					
INPUT RATINGS							
Input Voltage Range		108-305Vac					
Input Frequency Range		47-63 Hz					
Max Input Current	120Vac	0.44A					0.59A
Efficiency ¹⁾	120Vac	82%					85%
Inrush Current (meet NEMA410)	277Vac	50A/250uS					90A/250uS
Power Factor		70%-Full Load: > 0.9 @ 120- 277Vac					
Leakage Current		< 0.5mA rms & <0.7mA peak @ 277Vac					
MECHANICAL							
Casing		Metal Sheet, Color: White					
Dimensions (L x W x H)		241.3 x 33.0 x 25.4 mm 9.50 x 1.30 x 1.00 inch					
Unit Weight		0.41kg (0.90 lb)					
Cooling System		Convection					
Input Wire		Line: Black, Neural: White, Wire Length 300mm					
Output Wire		Positive: Red, Negative: Blue, Wire Length 300mm					
Dimming Wire		Dim(+): Violet, Dim(-): Gray, Wire Length 300mm					
ENVIRONMENT							
Ambient Temperature	Operating	-25°C to +55°C					
	Storage	-40°C to +85°C					
Relative Humidity Operating		10 to 90% RH (Non-Condensing)					
Environmental Locations		Dry / Damp					

Dimensions Reference 2)



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

USCI Mini Can



FEATURES

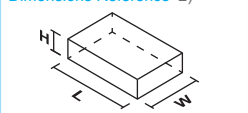
- Constant current design
- Universal AC input voltage from 120-277Vac
- Wide operating temperature range -25°C to +55°C
- Suitable for Dry and Damp location
- 1-10V dimming available
- Common mode 4kV and differential mode 4kV surge immunity

CE  **SELV Class 2**

SPECIFICATIONS

OUTPUT RATINGS		USCI-040070FA	USCI-040105FA	USCI-040125FA	USCI-040140FA	USCI-040210FA	USCI-055125FA
Output Voltage Range		32-55Vdc	26-38Vdc	21.8-32Vdc	19.5-28.5Vdc	13-19Vdc	28-44Vdc
Max. No Load Output Voltage		60Vrms	45Vrms	39Vrms	35Vrms	24Vrms	49Vrms
Output Power Range		40W	40W	40W	40W	40W	55W
Rated Output Current		700mA	1050mA	1250mA	1400mA	2100mA	1250mA
Line Regulation		± 5% (@ 120-277Vac input)					
Load Regulation		± 5% (@ Min-Max output voltage)					
Output Current LF Ripple		5% (ripple = peak-average/average) at full load (<100Hz)					
INPUT RATINGS							
Input Voltage Range		108-305Vac					
Input Frequency Range		47-63 Hz					
Max Input Current	120Vac	0.44A					0.59A
Efficiency ¹⁾	120Vac	82%					85%
Inrush Current (meet NEMA410)	277Vac	50A/250uS					90A/250uS
Power Factor		70%-Full Load: > 0.9 @ 120- 277Vac					
Leakage Current		< 0.5mA rms & <0.7mA peak @ 277Vac					
MECHANICAL							
Casing		Metal Sheet, Color: White					
Dimensions (L x W x H)		241.3 x 33.0 x 25.4 mm 9.50 x 1.30 x 1.00 inch					
Unit Weight		0.41kg (0.90 lb)					
Cooling System		Convection					
Input Wire		Line: Black, Neural: White, Wire Length 300mm					
Output Wire		Positive: Red, Negative: Blue, Wire Length 300mm					
Dimming Wire		N/A					
ENVIRONMENT							
Ambient Temperature	Operating	-25°C to +55°C					
	Storage	-40°C to +85°C					
Relative Humidity Operating		10 to 90% RH (Non-Condensing)					
Environmental Locations		Dry / Damp					

Dimensions Reference 2)



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

USCI Micro



Class 2

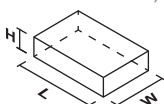
FEATURES

- Constant current design
- Universal AC input voltage from 120-277Vac
- Wide operating temperature range -20°C to +55°C
- Class 2 Output
- Dry / Damp location

SPECIFICATIONS

OUTPUT RATINGS		USCI-020070FA	USCI-030070FA	USCI-050105FA
Output Voltage Range		14-30Vdc	28-44Vdc	29-48Vdc
Max. No Load Output Voltage		35Vrms	48Vrms	56Vrms
Output Power Range		20W	30W	50W
Rated Output Current		700mA	700mA	1050mA
Line Regulation		± 1% (@ 120-277Vac input)		
Load Regulation		± 3% (@ Min-Max output voltage)		
Output Current Ripple		30% (ripple = peak-average/average) at full load & @120V/277V 60Hz		
INPUT RATINGS				
Input Voltage Range		108-305Vac		
Input Frequency Range		47-63 Hz		
Max. Input Current	120Vac	0.23A	0.21A	0.51A
Efficiency ¹⁾	120-277Vac	80%	80%	83%
Inrush Current	277Vac	meet NEMA.410		
Power Factor		Full Load: > 0.9 @ 120-277Vac		
Leakage Current		< 0.5mArms @ 277Vac		
MECHANICAL				
Casing		Plastic, Color : White		
Dimensions (L x W x H)		95.0 x 40.0 x 25.4 mm 3.74 x 1.58 x 1.00 inch		
Unit Weight		0.15kg (0.33 lb)		
Cooling System		Convection		
Input Wire		Line: Black, Neutral: White, Wire Length 300mm		
Output Wire		Positive: Red, Negative: Blue, Wire Length 300mm		
ENVIRONMENT				
Ambient Temperature	Operating	-20°C to +55°C		
	Storage	-40°C to +85°C		
Relative Humidity Operating		10 to 85% RH (Non-Condensing)		
Environmental Locations		Dry / Damp		

Dimensions Reference 2)



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

USCT Linear



Class 2

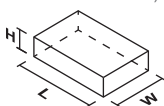
FEATURES

- Constant current design
- Universal input voltage 120-277Vac
- Class 2 Output
- 1-10V dimming available
- 1" height design for indoor commercial applications
- Adjustable constant current level through programmable tool

SPECIFICATIONS

OUTPUT RATINGS		USCT-030105GLA	USCT-050140GLA	USCT-080210GLA
Nominal Output Current		350-1050mA	350-1400	700-2100
Output Voltage Range		20-54Vdc	20-50Vdc	20-50Vdc
Max. No Load Output Voltage		60Vdc		
Output Power Range		7-30W	7-50W	14-80W
Line Regulation		± 2%		
Load Regulation		± 5%		
Output Current Ripple		5% @full load(ripple = pk-avg/avg)		
INPUT RATINGS				
Input Voltage Range		108-305Vac		
Input Frequency Range		47-63 Hz		
Normal Input Current		0.30A @ 120-277Vac	0.48A @ 120-277Vac	0.77A @ 120-277Vac
Efficiency ¹⁾	120Vac	84%	85%	88%
Inrush Current (Apk / 50%-uS) (Cold Start)		meet NEMA.410		
Power Factor		>0.95 @ 230Vac/50Hz		
Leakage Current		< 0.7mA @ 230Vac		
MECHANICAL				
Casing		Metal sheet, Color: Natural		
Dimensions (L x W x H)		280.0 x 30.4 x 25.4 mm 11.02 x 1.20 x 1.00 inch	420.0 x 30.4 x 25.4 mm 16.54 x 1.20 x 1.00 inch	
Unit Weight		0.37kg (0.81 lb)	0.56kg (1.23 lb)	
Cooling System		Convection		
Input Connector		Terminal, 4-pole (Line/Neutral/Spacer/PE), Conductor 0.5~1.5 mm ² , Strip length 8.5...9.5mm		
Output Connector		Terminal, 6-pole (LED+/LED-/GND/PRG_NTC/DIM+/DIM-), Conductor 0.5~1.5 mm ² , Strip length 8.5...9.5mm		
ENVIRONMENT				
Ambient Temperature	Operating	-30°C to +55°C		
	Storage	-40°C to +85°C		
Relative Humidity Operating		10 to 60% RH (Non-Condensing)		
Environmental Locations		Dry / Damp		

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

EUCI Linear



FEATURES

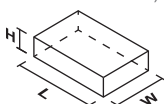
- Constant current design
- Input voltage from 220-240Vac
- Up to 87.5% efficiency
- Built-in type
- Fixed output current with DALI Control
- IP20 assembly for indoor applications



SPECIFICATIONS

OUTPUT RATINGS		EUCI-040035LA	EUCI-080070LA
Nominal Output Current		350mA	SW OFF: 700mA ; SW ON: 500mA
Output Voltage Range		17-57Vdc	17-57Vdc
Max. No Load Output Voltage		60Vdc	60Vdc
Output Power Range		11.9-40W	23.8-80W
Line Regulation		± 5%	
Load Regulation		± 5%	
Output Current Ripple		10% @full load(ripple = pk-avg/avg)	
INPUT RATINGS			
Input Voltage Range		198-264Vac	
Input Frequency Range		47-63 Hz	
Normal Input Current		0.24A	0.44A
Efficiency ¹⁾	230Vac	87%	87.5%
Inrush Current (Apk / 50%-uS) (Cold Start)		15A/100uS @ 230Vac	30A/100uS @ 230Vac
Power Factor		Full Load: > 0.9 @ 120-277Vac	
Leakage Current		< 0.5mArms @ 277Vac	
MECHANICAL			
Casing		Metal sheet, Color : Natural	
Dimensions (L x W x H)		359.0 x 30.0 x 21.0 mm 14.13 x 1.18 x 0.83 inch	425.0 x 30.0 x 21.0 mm 16.73 x 1.18 x 0.83 inch
Unit Weight		0.29kg (0.64 lb)	0.36kg (0.79 lb)
Cooling System		Convection	
Input Connector		Terminal, 3-pole (Line/Neutral/PE), Conductor 0.5~1.5mm ² , Strip length 8.5...9.5mm	
Output Connector		Terminal, 4-pole (LED1+/LED1-/LED2+/LED2-), Conductor 0.5~1.5mm ² , Strip length 8.5...9.5mm	
DALI Connector		Terminal, 2-pole (DALI1/DALI2), Conductor 0.5~1.5mm ² , Strip length 8.5...9.5mm	
ENVIRONMENT			
Ambient Temperature	Operating	-25°C to +50°C	
	Storage	-40°C to +85°C	
Relative Humidity Operating		10 to 60% RH (Non-Condensing)	
Ingress Protection Classification		IP20	

Dimensions Reference 2)



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



EUCI Mini

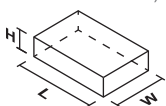
FEATURES

- Constant current design
- Input voltage from 220-240Vac/ 176-280Vdc
- Built-in or independent type with clip-in strain-relief
- SELV
- Programmable output current
- DALI Control is compatible

SPECIFICATIONS

OUTPUT RATINGS		EUCI-020070GLA	EUCI-040140GLA	EUCI-050140GLA
Nominal Output Current		250-700mA	500-1400mA	500-1400mA
Output Voltage Range		24-54Vdc	20-50Vdc	20-50Vdc
Max. No Load Output Voltage		60Vdc		
Output Power Range		20W	10-40W	10-50W
Line Regulation		± 1%		
Load Regulation		± 5%		
Output Current Ripple		5% @full load(ripple = pk-avg/avg)		
INPUT RATINGS				
Input Voltage Range		198-264Vac ; 176-280Vdc		
Input Frequency Range		47-63 Hz		
Normal Input Current		0.13A @ 220-240Vac 0.11A @ 220-240Vdc	0.25A @ 220-240Vac 0.22A @ 220-240Vdc	0.25A @ 220-240Vac 0.23A @ 220-240Vdc
Efficiency ¹⁾	230Vac	86%	88.5%	91.5%
Inrush Current (Apk / 50%-uS) (Cold Start)		20A/150uS @ 230Vac		
Power Factor		>0.95 @ 230Vac/50Hz		
Leakage Current		< 0.7mA @ 230Vac		
MECHANICAL				
Casing		Plastic, Color : White		
Dimensions (L x W x H)		Built-in : 97.0 x 43.0 x 30.0 mm 3.82 x 1.69 x 1.18 inch	Independent : 147.0 x 43.0 x 30.0 mm 5.79 x 1.69 x 1.18 inch	
Unit Weight		Built-in : 0.16kg (0.35 lb)	Independent : 0.19kg (0.42 lb)	
Cooling System		Convection		
Input Connector		Terminal, 6-pole (Neutral/Line/DALI1/DALI2/GND/PRG), Conductor 0.75~1.5 mm ² , Strip length 8.5...9.5mm		
Output Connector		Terminal, 2-pole (Positive/Negative), Conductor 0.75~1.5 mm ² , Strip length 8.5...9.5mm		
ENVIRONMENT				
Ambient Temperature	Operating	-25 to +45°C for EUCI-050140GLA, -25 to +50°C for others		
	Storage	-40°C to +85°C		
Relative Humidity Operating		10 to 60% RH (Non-Condensing)		
Ingress Protection Classification		IP20		

Dimensions Reference 2)



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

EUCI Panda 20W



FEATURES

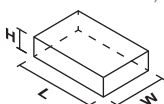
- Constant current design
- Input voltage from 220-240Vac
- Up to 89% efficiency
- Independent type
- Fixed output current
- IP20 assembly for indoor applications



SPECIFICATIONS

OUTPUT RATINGS		EUCI-020035FC	EUCI-020035FA	EUCI-020040FA	EUCI-020050FA	EUCI-020060FA	EUCI-020070FA
Nominal Output Current		350mA	350mA	400mA	500mA	600mA	700mA
Output Voltage Range		42-57Vdc	31-42Vdc	31-42Vdc	31-42Vdc	21-28.6Vdc	21-28.6Vdc
Max. No Load Output Voltage		75Vdc	60Vdc	60Vdc	60Vdc	50Vdc	50Vdc
Output Power Range		14.7-20W	10.9-14.7W	12.4-16.8W	15.5-21W	12.6-17.2W	14.7-20W
Line Regulation		± 5%					
Load Regulation		± 5%					
Output Current LF Ripple		Low frequency, 50% @max load, 60% @min load (ripple = (pk-avg)/avg)					
INPUT RATINGS							
Input Voltage Range		198-264Vac					
Input Frequency Range		47-63 Hz					
Normal Input Current		0.12A	0.09A	0.1A	0.12A	0.1A	0.12A
Efficiency ¹⁾ Typical	230Vac	90.5%	89.5%	89.5%	89%	89.5%	89.5%
Inrush Current (Apk / 50%-uS) (Cold Start)		4A/50uS @ 230Vac					
Power Factor		>0.95 @ 230Vac/50Hz at >15W load					
Leakage Current		< 0.7mA @ 230Vac					
MECHANICAL							
Casing		Plastic, Color : White					
Dimensions (L x W x H)		115.0 x 45.0 x 29.0 mm 4.53 x 1.77 x 1.14 inch					
Unit Weight		0.10kg (0.20 lb)					
Cooling System		Convection					
Input Connector		Terminal, 2-pole (Line/Neutral), Conductor 0.75~1.5mm ² , Strip length 8.5...9.5mm					
Output Connector		Terminal, 2-pole (LED+/LED-), Conductor 0.75~1.5mm ² , Strip length 8.5...9.5mm					
ENVIRONMENT							
Ambient Temperature	Operating	-25°C to +50°C	-25°C to +55°C		-25°C to +50°C	-25°C to +55°C	
	Storage	-25°C to +85°C					
Relative Humidity Operating		10 to 90% RH (Non-Condensing)					
Ingress Protection Classification		IP20					

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

EUCI Panda 35W



FEATURES

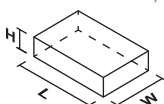
- Constant current design
- Input voltage from 220-240Vac
- Up to 89.5% efficiency
- Independent or built-in type
- Fixed output current
- IP20 assembly for indoor applications



SPECIFICATIONS

OUTPUT RATINGS		EUCI-035050FA/B	EUCI-035060FA/B	EUCI-035070FA/B	EUCI-035080FA/B	EUCI-035090FA/B	EUCI-035105FA/B	
Nominal Output Current		500mA	600mA	700mA	800mA	900mA	1050mA	
Output Voltage Range		24-43Vdc	24-43Vdc	24-43Vdc	24-43Vdc	24-38Vdc	24-38Vdc	
Max. No Load Output Voltage		50Vdc						
Output Power Range		12-21.5W	14.4-25.8W	16.8-30.1W	19.2-34.4W	21.6-34.2W	25.2-40W	
Line Regulation		± 5%						
Load Regulation		± 5%					± 7%	
Output Current LF Ripple		Low frequency, 30% @max load, 40% @20W load (ripple = (pk-avg)/avg)						
INPUT RATINGS								
Input Voltage Range		198-264Vac						
Input Frequency Range		47-63 Hz						
Normal Input Current		0.16A	0.18A	0.19A	0.21A	0.22A	0.25A	
Efficiency ¹⁾ Typical	230Vac	88.5%	89.0%	89.5%	89.5%	89.5%	89.5%	
Inrush Current (Apk / 50%-uS) (Cold Start)		10A/50uS @ 230Vac						
Power Factor		>0.95 @ 230Vac/50Hz at >20W load						
Leakage Current		< 0.7mA @ 230Vac						
MECHANICAL								
Casing		Plastic, Color : White						
Dimensions (L x W x H)		115.0 x 45.0 x 29.0 mm 4.53 x 1.77 x 1.14 inch						
Unit Weight		0.18kg (0.40 lb)						
Cooling System		Convection						
Input Connector		Terminal, 2-pole (Line/Neutral), Conductor 0.75~1.5mm ² , Strip length 8.5...9.5mm						
Output Connector		Terminal, 2-pole (LED+/LED-), Conductor 0.75~1.5mm ² , Strip length 8.5...9.5mm						
ENVIRONMENT								
Ambient Temperature	Operating	-25°C to +60°C		-25°C to +55°C	-25°C to +50°C	-25°C to +55°C	-25°C to +50°C	
	Storage	-25°C to +85°C						
Relative Humidity Operating		10 to 90% RH (Non-Condensing)						
Ingress Protection Classification		IP20						

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

EUCI Panda 40W



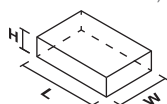
FEATURES

- Constant current design
- Input voltage from 220-240Vac
- Up to 88% efficiency
- Independent or built-in type
- Fixed output current
- IP20 assembly for indoor applications

SPECIFICATIONS

OUTPUT RATINGS		EUCI-040050FB/BA	EUCI-040060FB/BA	EUCI-040070FB/BA
Nominal Output Current		500mA	600mA	700mA
Output Voltage Range		39-57Vdc	39-57Vdc	39-57Vdc
Max. No Load Output Voltage		63Vdc		
Output Power Range		19.5-28.5W	23.4-34.2W	27.3-40W
Line Regulation		± 5%		
Load Regulation		± 7%	± 5%	
Output Current Ripple		Low frequency, 30% @max load, 40% @28W load (ripple = (pk-avg)/avg)		
INPUT RATINGS				
Input Voltage Range		198-264Vac		
Input Frequency Range		47-63 Hz		
Normal Input Current		0.20A	0.22A	0.25A
Efficiency ¹⁾ Typical	230Vac	88%		
Inrush Current (Apk / 50%-uS) (Cold Start)		10A/250uS @ 230Vac		
Power Factor		>0.95 @ 230Vac/50Hz at >15W load		
Leakage Current		< 0.7mA @ 230Vac		
MECHANICAL				
Casing		Plastic, Color : White		
Dimensions (L x W x H)		115.0 x 45.0 x 29.0 mm 4.53 x 1.77 x 1.14 inch		
Unit Weight		0.18kg (0.40 lb)		
Cooling System		Convection		
Input Connector		Terminal, 2-pole (Line/Neutral), Conductor 0.75~1.5mm ² , Strip length 8.5...9.5mm		
Output Connector		Terminal, 2-pole (LED+/LED-), Conductor 0.75~1.5mm ² , Strip length 8.5...9.5mm		
ENVIRONMENT				
Ambient Temperature	Operating	-25°C to +55°C		-25°C to +50°C
	Storage	-25°C to +85°C		
Relative Humidity Operating		10 to 90% RH (Non-Condensing)		
Ingress Protection Classification		IP20		

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

EUCI Panda 50W



FEATURES

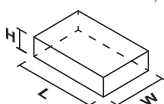
- Constant current design
- Input voltage from 220-240Vac
- Up to 90% efficiency
- Independent or built-in type
- Fixed output current
- IP20 assembly for indoor applications



SPECIFICATIONS

OUTPUT RATINGS	EUCI-050070FA/B	EUCI-050080FA/B	EUCI-050090FA/B	EUCI-050105FA/B
Nominal Output Current	700mA	800mA	900mA	1050mA
Output Voltage Range	26-52Vdc	26-52Vdc	26-52Vdc	24-48Vdc
Max. No Load Output Voltage	60Vdc			
Output Power Range	18.2-36.4W	20.8-41.6W	23.4-46.8W	25.2-50.4W
Line Regulation	± 5%			
Load Regulation	± 5%			
Output Current Ripple	Low frequency, 5% @ max load (ripple = (pk-avg)/avg)			
INPUT RATINGS				
Input Voltage Range	198-264Vac			
Input Frequency Range	47-63 Hz			
Normal Input Current	0.20A	0.22A	0.25A	0.27A
Efficiency ¹⁾ Typical 230Vac	90%			
Inrush Current (Apk / 50%-uS) (Cold Start)	10A/250uS @ 230Vac			
Power Factor	>0.95 @ 230Vac/50Hz at >15W load			
Leakage Current	< 0.7mA @ 230Vac			
MECHANICAL				
Casing	Plastic, Color : White			
Dimensions (L x W x H)	115.0 x 45.0 x 29.0 mm 4.53 x 1.77 x 1.14 inch			
Unit Weight	0.18kg (0.40 lb)			
Cooling System	Convection			
Input Connector	Terminal, 2-pole (Line/Neutral), Conductor 0.75~1.5mm ² , Strip length 8.5...9.5mm			
Output Connector	Terminal, 2-pole (LED+/LED-), Conductor 0.75~1.5mm ² , Strip length 8.5...9.5mm			
ENVIRONMENT				
Ambient Temperature	Operating	-25°C to +50°C		
	Storage	-25°C to +85°C		
Relative Humidity Operating	10 to 90% RH (Non-Condensing)			
Ingress Protection Classification	IP20			

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

EUCI Panda 50W



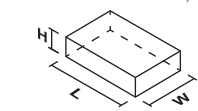
FEATURES

- Constant current design
- Input voltage from 220-240Vac
- Up to 90% efficiency
- Independent or built-in type
- Fixed output current
- IP20 assembly for indoor applications

SPECIFICATIONS

OUTPUT RATINGS	EUCI-050115FA/B	EUCI-050125FA/B	EUCI-050130FA/B	EUCI-050140FA/B
Nominal Output Current	1150mA	1250mA	1325mA	1400mA
Output Voltage Range	20-40Vdc	20-40Vdc	18-36Vdc	18-32Vdc
Max. No Load Output Voltage	50Vdc			
Output Power Range	23.0-46.0W	25.0-50.0W	24.3-47.7W	25.2-44.8W
Line Regulation	± 5%			
Load Regulation	± 5%			
Output Current Ripple	Low frequency, 5% @ max load (ripple = (pk-avg)/avg)			
INPUT RATINGS				
Input Voltage Range	198-264Vac			
Input Frequency Range	47-63 Hz			
Normal Input Current	0.20A	0.22A	0.25A	0.27A
Efficiency ¹⁾ Typical 230Vac	90%			
Inrush Current (Apk / 50%-uS) (Cold Start)	10A/250uS @ 230Vac			
Power Factor	>0.95 @ 230Vac/50Hz at >15W load			
Leakage Current	< 0.7mA @ 230Vac			
MECHANICAL				
Casing	Plastic, Color : White			
Dimensions (L x W x H)	115.0 x 45.0 x 29.0 mm 4.53 x 1.77 x 1.14 inch			
Unit Weight	0.18kg (0.40 lb)			
Cooling System	Convection			
Input Connector	Terminal, 2-pole (Line/Neutral), Conductor 0.75~1.5mm ² , Strip length 8.5...9.5mm			
Output Connector	Terminal, 2-pole (LED+/LED-), Conductor 0.75~1.5mm ² , Strip length 8.5...9.5mm			
ENVIRONMENT				
Ambient Temperature	Operating	-25°C to +50°C		
	Storage	-25°C to +85°C		
Relative Humidity Operating	10 to 90% RH (Non-Condensing)			
Ingress Protection Classification	IP20			

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

JPCI



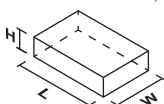
FEATURES

- DALI2 LED driver registered in DiiA
- Constant current, wide output voltage range
- Up to 93% efficiency
- Wide operating temperature range -20°C to +50°C
- Very low inrush current < 6A
- Output current level pre-settable by switch

SPECIFICATIONS

OUTPUT RATINGS		JPCI-050030LA
Nominal Output Current		300mA
Output Voltage Range		50-166Vdc
Max. No Load Output Voltage		280Vdc
Output Power Range		15-50W
Line Regulation		± 1%
Load Regulation		± 3%
Output Current Ripple		<3% @<500Hz (ripple = (pk-avg)/avg)
INPUT RATINGS		
Input Voltage Range		90-266Vac
Input Frequency Range		47-63 Hz
Normal Input Current	100Vac	0.55A
Efficiency ¹⁾ Typical	242Vac	93%
Inrush Current (Apk / 50%-uS) (Cold Start)		<6A @ 266Vac
Power Factor		>0.95
Leakage Current		< 0.5mA @ 242Vac
MECHANICAL		
Casing		Metal sheet, Color : Natural
Dimensions (L x W x H)		280.0 x 30.0 x 21.0 mm 11.03 x 1.18 x 0.84 inch
Unit Weight		0.25kg (0.55 lb)
Cooling System		Convection
Input Connector		Terminal, 3-pole (Line/Neutral/PE), Conductor 0.5~1.5mm ² , Strip length 8.5...9.5mm
Output Connector		Terminal, 2-pole (LED+/LED-), Conductor 0.5~1.5mm ² , Strip length 8.5...9.5mm
Dali Connector		Terminal, 2-pole (DALI1/DALI2), Conductor 0.5~1.5mm ² , Strip length 8.5...9.5mm
ENVIRONMENT		
Ambient Temperature	Operating	-25°C to +50°C
	Storage	-20°C to +60°C
Relative Humidity Operating		20 to 90% RH (Non-Condensing)
Ingress Protection Classification		IP20

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

LED DRIVERS

Outdoor & Industrial Applications



PRODUCT SERIES

Enabling high energy efficiency of lumen per watt, Delta Class 1 LED drivers lower the energy cost for outdoor and industrial applications requiring high lumen fixtures. The feature of programmable output provides the flexibility to program the functions of output current, dimming mode, on/off times, and thermal protections. The robust design provides high level of protection against water and dust to ensure the operation in the harsh environment.



USCO PRO

- Wide range constant current design
- Universal input voltage from 110-277Vac
- IP66/IP67 for outdoor applications
- Adjustable constant current by tool
- CM 6kV/ DM 6kV surge immunity



EUCO PRO

- Wide range constant current design
- High efficiency up to 94%
- IP66/IP67 for outdoor applications
- Adjustable constant current by tool
- CM 6kV/ DM 6kV surge immunity



USCI PRO

- Wide range constant current design
- Universal input voltage from 120-277Vac
- Adjustable constant current by tool
- CM 6kV/ DM 6kV surge immunity
- 0-10V dimming or DALI available



EUCI PRO

- Wide range constant current design
- Wide operating temperature: -40~+60°C
- Adjustable constant current by NFC tool
- CM 8kV/ DM 6kV surge immunity
- DALI available&Dimming by Switch Dim

EUCO Fixed



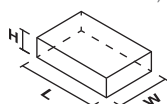
FEATURES

- Constant current design
- EMEA AC input voltage from 220-240Vac
- High efficiency up to 91%
- Wide operating temperature range -40°C to +55°C
- With IP66/IP67 protection from most outdoor applications
- Build-in Active PFC and confirm to harmonic current IEC/EN 61000-3-2, Class C

SPECIFICATIONS

OUTPUT RATINGS		EUCO-065035FA	EUCO-065050FA	EUCO-065070FA	EUCO-065105FA	EUCO-100035FA
Output Voltage Range		93-186Vdc	65-130Vdc	46-93Vdc	31-62Vdc	143-286Vdc
Max. No Load Output Voltage		223Vrms	156Vrms	111Vrms	75Vrms	343Vrms
Output Power		65W	65W	65W	65W	100W
Output Current		350mA	500mA	700mA	1050mA	350mA
Current Accuracy		± 5% (@ Typical output current range)				
Line Regulation		± 5% (@ 198-264Vac input)				
Load Regulation		± 5% (@ Min-Max output voltage)				
Output Current LF Ripple		25% (ripple = peak-average/average) at full load				
INPUT RATINGS						
Input Voltage Range		198-264Vac				
Input Frequency Range		47-63 Hz				
Max Input Current	220Vac	0.4A				0.6A
Efficiency ¹⁾	230Vac	88%				90%
Power Factor		> 0.95 @ 230Vac, > 70% Load: > 0.90 @ 230Vac;				
Leakage Current		< 0.7mA peak @ 240Vac				
MECHANICAL						
Casing		Aluminum, Color : Natural				
Dimensions (L x W x H)		187.0 x 60.0 x 34.0 mm 7.36 x 2.36 x 1.34 inch				250.0 x 60.0 x 34.0 mm 9.84 x 2.36 x 1.34 inch
Unit Weight		0.65kg (1.43 lb)				0.91kg (2 lb)
Input Cable		Line: Brown, Neutral: Blue, PE: Yellow/Green, Cable Length 370mm				
Output Cable		Positive: Brown, Negative: Blue, Cable Length 370mm				
ENVIRONMENT						
Ambient Temperature	Operating	-40°C to +55°C				
	Storage	-40°C to +80°C				-40°C to +85°C
Relative Humidity Operating		10 to 90% RH (Non-Condensing)				
Ingress Protection Classification		IP66/IP67				

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

EUCO Fixed



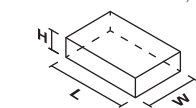
FEATURES

- Constant current design
- EMEA AC input voltage from 220-240Vac
- High efficiency up to 91%
- Wide operating temperature range -40°C to +55°C
- With IP66/IP67 protection from most outdoor applications
- Build-in Active PFC and confirm to harmonic current IEC/EN 61000-3-2, Class C

SPECIFICATIONS

OUTPUT RATINGS		EUCO-100050FA	EUCO-100070FA	EUCO-100105FA	EUCO-150050FA	EUCO-150070FA	EUCO-150105FA
Output Voltage Range		100-200Vdc	71-143Vdc	48-95Vdc	150-300Vdc	107-214Vdc	71-143Vdc
Max. No Load Output Voltage		240Vrms	171Vrms	116Vrms	360Vrms	250Vrms	172Vrms
Output Power		100W	100W	100W	150W	150W	150W
Output Current		500mA	700mA	1050mA	500mA	700mA	1050mA
Current Accuracy		± 5% (@ Typical output current range)					
Line Regulation		± 5% (@ 198-264Vac input)					
Load Regulation		± 5% (@ Min-Max output voltage)					
Output Current LF Ripple		25% (ripple = peak-average/average) at full load					
INPUT RATINGS							
Input Voltage Range		198-264Vac					
Input Frequency Range		47-63 Hz					
Max Input Current	220Vac	0.6A			0.79A		
Efficiency ¹⁾	230Vac	90%			91%		
Power Factor		> 0.95 @ 230Vac, > 70% Load: > 0.90 @ 230Vac;					
Leakage Current		< 0.7mA peak @ 240Vac					
MECHANICAL							
Casing		Aluminum, Color : Natural					
Dimensions (L x W x H)		250.0 x 60.0 x 34.0 mm 9.84 x 2.36 x 1.34 inch			250.0 x 60.0 x 34.0 mm 9.84 x 2.36 x 1.34 inch		
Unit Weight		0.91kg (2 lb)			0.95kg (2.09 lb)		
Input Cable		Line: Brown, Neutral: Blue, PE: Yellow/Green, Cable Length 370mm					
Output Cable		Positive: Brown, Negative: Blue, Cable Length 370mm					
ENVIRONMENT							
Ambient Temperature	Operating	-40°C to +55°C					
	Storage	-40°C to +85°C					
Relative Humidity Operating		10 to 90% RH (Non-Condensing)					
Ingress Protection Classification		IP66/IP67					

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



USCO Pro

FEATURES

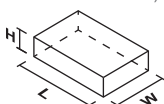
- Wide range constant current design
- Universal AC input voltage from 110-277Vac
- With IP66/IP67 protection from most outdoor applications
- Adjustable constant current level through programmable tool
- Common mode 6kV/ differential mode 6kV surge immunity
- 0-10V dimming available



SPECIFICATIONS

OUTPUT RATINGS		USCO-040140GA	USCO-075140GA	USCO-100140GA
Output Voltage Range		20-57Vdc	36-107Vdc	47-143Vdc
Max. No Load Output Voltage		60Vrms	120Vrms	150Vrms
Output Power Range		40W	75W	100W
Adjustable Output Current (AOC)		300-1400mA	500-1400mA	600-1400mA
Line Regulation		± 1% (@ 110-277Vac input)		
Load Regulation		± 3% (@ Min-Max output voltage)		
Output Current LF Ripple		5% (ripple = peak-average/average) at full load (<100Hz)		
INPUT RATINGS				
Input Voltage Range		99-305Vac		
Input Frequency Range		47-63 Hz		
Max Input Current	110Vac	0.45A	0.8A	1.04A
Efficiency ¹⁾	230Vac	90% @ 0.7A	92%@0.7A	92.5%@0.7A
Inrush Current	230Vac	65A/250uS	65A/250uS	65A/250uS
Power Factor	> 0.98@110/120Vac,> 0.95 @ 230Vac,> 0.92 @ 277Vac&Full Load, > 0.90@ 110/120/230Vac&> 50% Load(277Vac&> 70% Load)			
Leakage Current	< 0.7mA peak @ 277Vac			
MECHANICAL				
Casing		Aluminum, Color : Natural		
Dimensions (L x W x H)		174.0 x 68.0 x 37.0 mm 6.85 x 2.68 x 1.46 inch		
Unit Weight		0.85kg (1.87 lb)		
Cooling System		Convection		
Input Cable		Line: Brown, Neural: Blue, PE: Yellow/Green, Cable Length 300mm		
Output Cable		Positive: Brown, Negative: Blue, NTC/PRG: Black, Cable Length 300mm		
Dimming Cable		Dim(+): Violet, Dim(-): Gray, +12V: Black/White, Cable Length 300mm		
ENVIRONMENT				
Ambient Temperature	Operating	-40°C to +60°C		
	Storage	-40°C to +85°C		
Relative Humidity Operating		10 to 90% RH (Non-Condensing)		
Ingress Protection Classification		IP66/IP67		

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



USCO Pro

FEATURES

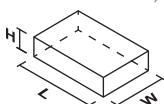
- Wide range constant current design
- Universal AC input voltage from 110-277Vac
- With IP66/IP67 protection from most outdoor applications
- Adjustable constant current level through programmable tool
- Common mode 6kV/ differential mode 6kV surge immunity
- 0-10V dimming available



SPECIFICATIONS

OUTPUT RATINGS		USCO-150140GC	USCO-200140GA	USCO-250140GA	USCO-320210GA
Output Voltage Range		72-214Vdc	75-190Vdc	90-238Vdc	90-225Vdc
Max. No Load Output Voltage		250Vrms	230Vrms	250Vrms	250Vrms
Output Power Range		150W	200W	250W	320W
Adjustable Output Current (AOC)		600-1400mA	600-1400mA	600-1400mA	700-2100mA
Line Regulation		± 1% (@ 110-277Vac input)			
Load Regulation		± 3% (@ Min-Max output voltage)			
Output Current LF Ripple		5% (ripple = peak-average/average) at full load (<100Hz)			
INPUT RATINGS					
Input Voltage Range		99-305Vac			
Input Frequency Range		47-63 Hz			
Max Input Current	110Vac	1.67A	2.1A	2.75A	3.4A
Efficiency ¹⁾	230Vac	93.0%@0.7A	94%@1.05A	94.5%@1.05	94%@1.4A
Inrush Current	230Vac	110A/250uS	180A/200uS	280A/150uS	180A/250uS
Power Factor	> 0.98@110/120Vac,> 0.95 @ 230Vac,> 0.92 @ 277Vac&Full Load, > 0.90@ 110/120/230Vac&> 50% Load(277Vac&> 70% Load)				
Leakage Current	< 0.7mA peak @ 277Vac				
MECHANICAL					
Casing		Aluminum, Color : Natural			
Dimensions (L x W x H)		220.0 x 68.0 x 37.0 mm 8.66 x 2.68 x 1.46 inch	240.0 x 68.0 x 37.0 mm 9.45 x 2.68 x 1.46 inch	240.0 x 68.0 x 37.0 mm 9.45 x 2.68 x 1.46 inch	240.0 x 100.0 x 38.0 mm 9.45 x3.94 x 1.50 inch
Unit Weight		1.10kg (2.42 lb)	1.20kg (2.65 lb)	1.30kg (2.87 lb)	1.85kg (4.07 lb)
Cooling System		Convection			
Input Cable		Line: Brown, Neural: Blue, PE: Yellow/Green, Cable Length 300mm			
Output Cable		Positive: Brown, Negative: Blue, NTC/PRG: Black, Cable Length 300mm			
Dimming Cable		Dim(+): Violet, Dim(-): Gray, +12V: Black/White, Cable Length 300mm			
ENVIRONMENT					
Ambient Temperature	Operating	-40°C to +60°C		-40°C to +55°C	-40°C to +50°C
	Storage	-40°C to +85°C			-40°C to +90°C
Relative Humidity Operating		10 to 90% RH (Non-Condensing)			
Ingress Protection Classification		IP66/IP67			

Dimensions Reference 2)



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



USCO

FEATURES

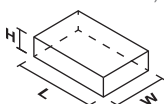
- Constant current design
- Universal AC input voltage from 110-277Vac
- With IP66/IP67 protection from most outdoor applications
- Adjustable constant current level through programmable tool
- Common mode 6kV and differential mode 6kV surge immunity
- 1-10V dimming available



SPECIFICATIONS

OUTPUT RATINGS		USCO-040070DB	USCO-075070DA	USCO-100070FA/ DA
Output Voltage Range		28-54Vdc	54-107Vdc	86-143Vdc
Max. No Load Output Voltage		60Vrms	120Vrms	165Vrms
Output Power Range		40W	75W	100W
Rated Output Current		700mA	700mA	700mA
Line Regulation		± 2% (@ 110-277Vac input)		
Load Regulation		± 3% (@ Min-Max output voltage)		
Output Current LF Ripple		5% (ripple = peak-average/average) at full load (<100Hz)		
INPUT RATINGS				
Input Voltage Range		99-305Vac		
Input Frequency Range		47-63 Hz		
Max Input Current	110Vac	0.44A	0.85A	1.2A
Efficiency ¹⁾	230Vac	89%	92%	90%
Inrush Current	277Vac (Apk / 50% - uS @ Cold Start)	40A/150uS	70A/150uS	130A/150uS
Power Factor		50%-Full Load: > 0.9 @ 120- 277Vac	60%-Full Load: > 0.9 @ 120- 277Vac	
Leakage Current		< 0.5mA rms & < 0.7mA peak @ 277Vac		
MECHANICAL				
Casing		Aluminum, Color : Natural		
Dimensions (L x W x H)		161.0 x 50.0 x 34.0 mm 6.34 x 1.97 X 1.34 inch	174.0 x 60.0 x 34.0 mm 6.85 x 2.36 X 1.34 inch	251.0 x 60.0 x 34.0 mm 9.88 x 2.36 X 1.34 inch
Unit Weight		0.54kg (1.19 lb)	0.67kg (1.48 lb)	1.10kg (2.43 lb)
Cooling System		Convection		
Input Cable		Line: Brown, Neutral: Blue, PE: Yellow/Green		
Output Cable		Positive: Brown, Negative: Blue		
Dimming Cable		Dim(+): Violet, Dim(-): Gray		
DALI Cable		N/A		
ENVIRONMENT				
Ambient Temperature	Operating	-40°C to +60°C		-40°C to +55°C
	Storage	-40°C to +85°C		
Relative Humidity Operating		10 to 85% RH (Non-Condensing)		
Ingress Protection Classification		IP66/IP67		

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



USCO

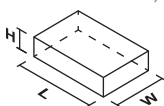
FEATURES

- Constant current design
- Universal AC input voltage from 110-277Vac
- With IP66/IP67 protection from most outdoor applications
- Adjustable constant current level through programmable tool
- Common mode 6kV and differential mode 6kV surge immunity
- 1-10V dimming available

SPECIFICATIONS

OUTPUT RATINGS		USCO-100105FA/ DA	USCO-150070FA/ DA/ LA	USCO-150105FA/ DA/ LA	USCO-210140DA
Output Voltage Range		57-96Vdc	107-214Vdc	72-143Vdc	75-150Vdc
Max. No Load Output Voltage		115Vrms	250Vrms	172Vrms	170Vrms
Output Power Range		100W	150W	150W	210W
Rated Output Current		1050mA	700mA	1050mA	1400mA
Line Regulation		± 2% (@ 110-277Vac input)			± 2% (@ 120-277Vac input)
Load Regulation		± 3% (@ Min-Max output voltage)			
Output Current LF Ripple		5% (ripple = peak-average/average) at full load (<100Hz)			
INPUT RATINGS					
Input Voltage Range		99-305Vac			108-305Vac
Input Frequency Range		47-63 Hz			
Max Input Current	110Vac	1.2A	1.6A	1.6A	2.05A@120Vac
Efficiency ¹⁾	230Vac	90%	91%	91%	93%
Inrush Current	277Vac (Apk / 50% - uS @ Cold Start)	130A/150uS			200A/150uS
Power Factor		60%-Full Load:>0.9@120-277Vac		50%-Full Load: > 0.9 @ 120- 277Vac	
Leakage Current		< 0.5mA rms & < 0.7mA peak @ 277Vac			
MECHANICAL					
Casing		Aluminum, Color : Natural			
Dimensions (L x W x H)		251.0 x 60.0 x 34.0 mm 9.88 x 2.36 X 1.34 inch	248.0 x 68.0 x 37.0 mm 9.76 x 2.68 X 1.46 inch	248.0 x 68.0 x 37.0 mm 9.76 x 2.68 X 1.46 inch	240.0 x 100.0 x 38.0 mm 9.45 x 3.94 X 1.50 inch
Unit Weight		1.10kg (2.43 lb)	1.16kg (2.56 lb)	1.16kg (2.56 lb)	1.67kg (3.68 lb)
Cooling System		Convection			
Input Cable		Line: Brown, Neutral: Blue, PE: Yellow/Green			
Output Cable		Positive: Brown, Negative: Blue			
Dimming Cable		Dim(+): Violet, Dim(-): Gray			
DALI Cable		N/A	DALI1: Violet, DALI2: Gray		N/A
ENVIRONMENT					
Ambient Temperature	Operating	-40°C to +55°C			
	Storage	-40°C to +85°C			
Relative Humidity Operating		10 to 85% RH (Non-Condensing)			
Ingress Protection Classification		IP66/IP67			

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

EUCO PRO

FEATURES



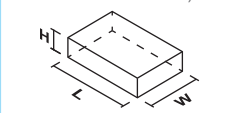
- Wild range constant current design
- High efficiency up to 94%
- With IP66/IP67 protection from most outdoor applications
- Adjustable constant current level through programmable tool
- Common mode 6kV and differential mode 6kV surge immunity
- 0-10V dimming available



SPECIFICATIONS

OUTPUT RATINGS		EUCO-100140GA	EUCO-150140GA	EUCO-200140GA	EUCO-250140GA
Output Voltage Range		47-143Vdc	72-214Vdc	75-190Vdc	90-238Vdc
Max. No Load Output Voltage		150Vrms	250Vrms	230Vrms	250Vrms
Output Power Range		100W	150W	200W	250W
Adjustable Output Current (AOC)		500-1400mA	500-1400mA	500-1400mA	600-1400mA
Line Regulation		± 1% (@ 220-240Vac input)			
Load Regulation		± 3% (@ Min-Max output voltage)			
Output Current LF Ripple		5% (ripple = peak-average/average) at full load, (<100Hz)			
INPUT RATINGS					
Input Voltage Range		176-305Vac			
Input Frequency Range		47-63 Hz			
Max Input Current	220Vac	0.5A	0.9A	1.1A	1.3A
Efficiency ¹⁾	230Vac	93%@0.7A	93%@0.7A	94%@1.05A	94%@1.05A
Inrush Current	230Vac	100A/250uS	100A/250uS	110A/250uS	280A/150uS
Power Factor		100% Load: PF>0.95@230Vac, >50% Load: PF>0.9@230Vac;			
Leakage Current		< 0.7mA peak @ 230Vac			
MECHANICAL					
Casing		Aluminum, Color : Natural			
Dimensions (L x W x H)		174.0 x 68.0 x 37.0 mm 6.85 x 2.68 x 1.46 inch	220.0 x 68.0 x 37.0 mm 8.66 x 2.68 x 1.46 inch	240.0 x 68.0 x 37.0 mm 9.45 x 2.68 x 1.46 inch	
Unit Weight		0.85kg (1.87 lb)		1.1kg (2.43 lb)	1.3kg (2.87 lb)
Cooling System		Convection			
Input Cable		Line: Brown, Neutral: Blue, PE: Yellow/Green, Cable Length 300mm			
Output Cable		Positive: Brown, Negative: Blue, NTC/PRG: Black, Cable Length 300mm			
Dimming Cable		Dim(+): Violet, Dim(-): Gray, +12V: Black/White, Cable Length 300mm			
ENVIRONMENT					
Ambient Temperature	Operating	-40°C to +50°C		-40°C to +55°C	
	Storage	-40°C to +85°C			
Relative Humidity Operating		10 to 90% RH (Non-Condensing)			
Ingress Protection Classification		IP66/IP67			

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

JPCO

FEATURES

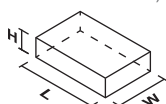


- Constant current, wide output voltage range
- Up to 95% efficiency
- Wide PWM dimming range: 5% ~ 100%
- Very low inrush current < 6A
- IP67 protection for outdoor applications
- Common mode 15KV and differential mode 6KV surge immunity

SPECIFICATIONS

OUTPUT RATINGS		JPLCO-075050DA	JPLCO-100050DA	JPLCO-150050DA	JPHCO-200100DA
Nominal Output Current		500mA	500mA	500mA	1000mA
Output Voltage Range		108-162Vdc	160-240Vdc	212-318Vdc	160-240Vdc
Max. No Load Output Voltage		250Vdc	350Vdc	400Vdc	330Vdc
Output Power Range		54-81W	80-120W	106-159W	160-240W
Line Regulation		± 1%			
Load Regulation		± 3%			
Output Current Ripple		10% (ripple = (pk-avg.)/avg.)			
INPUT RATINGS					
Input Voltage Range		90-266Vac			180-266Vac
Input Frequency Range		47-63 Hz			
Normal Input Current	100Vac	0.91A	1.33A	1.79A	1.28A
Efficiency ¹⁾	242Vac	92.5%	93.7%	94.7%	95%
Inrush Current (Apk / 50%-uS) (Cold Start)		6A @ 266Vac			
Power Factor		>0.9			
Leakage Current		< 0.5mA @ 242Vac			
MECHANICAL					
Casing		Aluminum, Color : Natural			
Dimensions (L x W x H)		230.0 x 69.0 x 38.0 mm 9.06 x 2.72 x 1.50 inch		242.0 x 79.8 x 39.0 mm 9.53 x 3.14 x 1.54 inch	
Unit Weight		1.23kg (2.71 lb)		1.38kg (3.04 lb)	
Cooling System		Convection			
Input Cable		Line: Brown, Neutral: Blue, PE: Green/Yellow, Cable Length 380mm			
Output Cable		Positive: Brown, Negative: Blue; Cable Length 380mm			
Dimming Cable		Dim(+): Violet, Dim(-): Gray, Cable Length 380mm			
ENVIRONMENT					
Ambient Temperature	Operating	-40°C to +65°C			
	Storage	-40°C to +85°C			
Relative Humidity Operating		10 to 100% RH (Non-Condensing)			
Ingress Protection Classification		IP67			

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



USCI WT

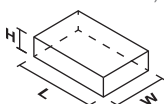
FEATURES

- Constant current design
- Universal AC input voltage from 120-277Vac
- High efficiency up to 91%
- Suitable for Dry / Damp location
- 0-10V dimming available
- Build-in active PFC and conform to harmonic current IEC/EN 61000-3-2, Class C

SPECIFICATIONS

OUTPUT RATINGS		USCI-075070FA	USCI-075070DA	USCI-100070FA	USCI-100070DA	USCI-150070FA	USCI-150070DA
Output Voltage Range		54-107Vdc	54-107Vdc	72-143Vdc	72-143Vdc	107-214Vdc	107-214Vdc
Max. No Load Output Voltage		130Vrms	130Vrms	165Vrms	165Vrms	250Vrms	250Vrms
Output Power Range		75W	75W	100W	100W	150W	150W
Rated Output Current		700mA	700mA	700mA	700mA	700mA	700mA
Line Regulation		± 2% (@ 120-277Vac input)					
Load Regulation		± 1% (@ Min-Max output voltage)					
Output Current LF Ripple		30% (ripple = peak-average/average)			5% (ripple = peak-average/average)		
INPUT RATINGS							
Input Voltage Range		108-305Vac					
Input Frequency Range		47-63 Hz					
Max Input Current	120Vac	0.82A		1.02A		1.52A	
Efficiency ¹⁾	230Vac	89%		90%		91%	
Inrush Current (Apk/50%-uS@Cold Start) Meet NEMA410	277Vac	320A/50uS		70A/150uS		130A/150uS	
Power Factor		60% -Full Load: > 0.9 @ 120- 277Vac (except to USCI-075070FA/DA with load ≥70%)					
Leakage Current		< 0.5mA rms & <0.7mA peak @ 277Vac					
MECHANICAL							
Casing		Metal sheet, Color : White					
Dimensions (L x W x H)		240 x 43.2 x 31.5 mm 9.45 x 1.70 x 1.24 inch		241.3 x 60.7 x 41.5 mm 9.50 x 2.39 x 1.63 inch			
Unit Weight		0.64kg (1.4 lb)		1.10kg (2.43 lb)			
Cooling System		Convection					
Input Wire		Line: Black, Neutral: White					
Input Wire Length		280mm		450mm	300mm	450mm	300mm
Output Wire		Positive: Red, Negative: Blue, Wire Length 180mm					
Dimming Wire		Dim(+): Violet, Dim(-): Gray					
Dimming Wire Length		N/A	180mm	N/A	180mm	N/A	180mm
ENVIRONMENT							
Ambient Temperature	Operating	-40°C to +55°C					
	Storage	-40°C to +85°C					
Relative Humidity Operating		10 to 90% RH (Non-Condensing)					
Environmental Locations		Dry / Damp					

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



USCI A/B Can

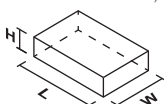
FEATURES

- Constant current design
- Universal AC input voltage from 120-277Vac
- Wide operating temperature range -40°C to +55°C
- Suitable for Dry and Damp location
- 1-10V dimming and DALI available
- Common mode 4kV and differential mode 4kV surge immunity

SPECIFICATIONS

OUTPUT RATINGS		USCI-075070DB	USCI-100070DB	USCI-150070DB	USCI-150105DC	USCI-150070LC	USCI-150105LC
Output Voltage Range		54-107Vdc	72-143Vdc	107-214Vdc	72-143Vdc	107-214Vdc	72-143Vdc
Max. No Load Output Voltage		130Vrms	165Vrms	250Vrms	172Vrms	250Vrms	172Vrms
Output Power Range		75W	100W	150W	150W	150W	150W
Rated Output Current		700mA	700mA	700mA	1050mA	700mA	1050mA
Line Regulation		± 2% (@ 120-277Vac input)					
Load Regulation		± 3% (@ Min-Max output voltage)					
Output Current LF Ripple		30%	5% (ripple = peak-average/average) at full load (<100Hz)				
INPUT RATINGS							
Input Voltage Range		108-305Vac					
Input Frequency Range		47-63 Hz					
Max Input Current	120Vac	0.82A	1.02A	1.52A			
Efficiency ¹⁾	230Vac	89%	90%	91%			
Inrush Current (Apk/50%-uS@Cold Start)	277Vac	320A/50uS	70A/150uS	130A/150uS			
Power Factor		60% -Full Load: > 0.9 @ 120- 277Vac (except to USCI-075070DB with load ≥70%)					
Leakage Current		< 0.5mA rms & <0.7mA peak @ 277Vac					
MECHANICAL							
Casing		Metal sheet, Color : Black					
Dimensions (L x W x H)		241.3x43.1x30.0 mm 9.50x1.70x1.18 inch	240.5 x 60.0 x 37.8 mm 9.47 x 2.36 x 1.49 inch				
Unit Weight		0.64kg (1.41 lb)	1.10kg (2.43 lb)				
Cooling System		Convection					
Input Wire		Line: Black, Neutral: White, Wire Length 300mm					
Output Wire		Positive: Red, Negative: Blue, Wire Length 300mm					
Dimming Wire		Dim(+): Violet, Dim(-): Gray, Wire Length 300mm					
ENVIRONMENT							
Ambient Temperature	Operating	-40°C to +55°C					
	Storage	-40°C to +85°C					
Relative Humidity Operating		10 to 90% RH (Non-Condensing)					
Environmental Locations		Dry / Damp					

Dimensions Reference 2)



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



USCI PRO

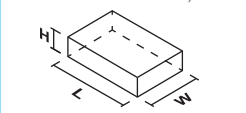
FEATURES

- Wide range constant current design
- Universal AC input voltage from 120-277Vac
- High efficiency up to 94%
- Adjustable constant current level through programmable tool
- Common mode 6kV and differential mode 6kV surge immunity
- 0-10V dimming or DALI available

SPECIFICATIONS

OUTPUT RATINGS		USCI-075140GA	USCI-100140GA	USCI-150140GC	USCI-200140GA	USCI-200175GA	USCI-200175GLA
Output Voltage Range		36-107Vdc	47-143Vdc	72-214Vdc	75-190Vdc	56-133Vdc	56-133Vdc
Max. No Load Output Voltage		120Vrms	150Vrms	250Vrms	230Vrms	150Vrms	150Vrms
Output Power Range		75W	100W	150W	200W	200W	200W
Adjustable Output Current (AOC)		500-1400mA	600-1400mA	600-1400mA	600-1400mA	700-1750mA	700-1750mA
Line Regulation		± 1% (@ 120-277Vac input)					
Load Regulation		± 3% (@ Min-Max output voltage)					
Output Current LF Ripple		5% (ripple = peak-average/average) at full load (<100Hz)					
INPUT RATINGS							
Input Voltage Range		108-305Vac					
Input Frequency Range		47-63 Hz					
Max Input Current	120Vac	0.82A	1.04A	1.53A	2.1A		
Efficiency ¹⁾	120Vac	89.5% @ 0.7A	90% @ 0.7A	91% @ 0.7A	92% @ 1.05A		
Inrush Current (Apk/50%-uS@Cold Start)	230Vac	65A/250uS	150A/250uS		200A/250uS		
Power Factor		> 0.98@120Vac, > 0.95@ 230Vac, > 0.92@ 277Vac & Full Load > 0.90@120/230Vac &> 50% Load: (277Vac &>70% Load)					
Leakage Current		< 0.5mA rms & < 0.7mA peak @ 277Vac					
MECHANICAL							
Casing		Metal Sheet, Color: Black					
Dimensions (L x W x H)		167.5 x 60.0 x 37.5 mm 6.59 x 2.36 x 1.48 inch		240.5 x 60.0 x 37.8 mm 9.47 x 2.36 x 1.49 inch		240.5 x 60.0 x 37.8 mm 9.47 x 2.36 x 1.49 inch	
Unit Weight		0.73kg (1.61 lb)		1.10kg (2.43 lb)		1.10kg (2.43 lb)	
Cooling System		Convection					
Input Wire		Line: Black, Neural: White, Wire Length 300mm					
Output Wire		Positive: Brown, Negative: Blue, NTC/PRG: Black, Wire Length 300mm					
Dimming Wire		Dim(+): Violet, Dim(-): Gray, +12v: Black/White, Wire Length 300mm					
ENVIRONMENT							
Ambient Temperature	Operating	-40°C to +55°C					
	Storage	-40°C to +85°C					
Relative Humidity Operating		10 to 90% RH (Non-Condensing)					
Environmental Locations		Dry / Damp					

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



EUCI PRO

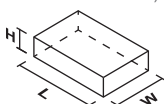
FEATURES

- Wide range constant current design
- High efficiency up to 93%
- Wide operating temperature range -40°C to +55°C or +60°C
- Adjustable constant current level through NFC programmable tool
- DALI available & Dimming by Switch Dim function
- Common mode 8kV and differential mode 6kV surge immunity

SPECIFICATIONS

OUTPUT RATINGS		EUCI-040105GLA	EUCI-075105GLA	EUCI-130105GLA	EUCI-170105GLA
Output Voltage Range		20-57Vdc	40-110Vdc	60-200Vdc	80-310Vdc
Max. No Load Output Voltage		60Vrms	120Vrms	250Vrms	350Vrms
Output Power Range		40W	75W	130W	170W
Adjustable Output Current (AOC)		350-1050mA	350-1050mA	350-1050mA	350-1050mA
Line Regulation		± 1% (@ 220-240Vac input)			
Load Regulation		± 3% (@ Min-Max output voltage)			
Output Current LF Ripple		5% (ripple = peak-average/average) at full load, (<100Hz)			
INPUT RATINGS					
Input Voltage Range		198-264Vac			
Input Frequency Range		47-63 Hz			
Max Input Current	220Vac	0.25A	0.4A	0.67A	0.8A
Efficiency ²⁾	230Vac	90% @ 0.7A	92.5% @ 0.7A	93% @ 0.7A	
Inrush Current (Apk/50%-uS@Cold Start)	230Vac	65A/250uS		10A/250uS	
Power Factor		> 0.95 @ 230Vac, 100% load, > 0.90 @230Vac, 50% load			
Leakage Current		< 0.7mA peak @ 230Vac			
MECHANICAL					
Casing		Plastic, Color : Black			
Dimensions (L x W x H)		133.0 x 77.0 x 40.0 mm 5.24 x 3.03 x 1.57 inch	150.0 x 90.0 x 40.0 mm 5.91 x 3.54 x 1.57 inch	170.0 x100.0 x 40.0 mm 6.69 x 3.94 x 1.57 inch	
Unit Weight		0.61kg (1.34 lb)	0.75kg (1.65 lb)	0.93kg (2.05 lb)	
Cooling System		Convection			
Input Connector		Terminal, 3-pole (Line/Neutral/SD), Conductor 0.5~2.5 mm ² , Strip length 10...11mm			
Control Connector		Terminal, 2-pole (DALI1/DALI2), Conductor 0.5~2.5 mm ² Terminal, 2-pole (Spacer/EUQI), Conductor 0.5~1.5 mm ²		Terminal, 4-pole (DALI1/DALI2/Spacer/EUQI), Conductor 0.5~1.5 mm ² , Strip length 8.5...9.5mm	
Output Connector		Terminal, 6-pole (Vaux,PRG NTC/GND/Rset/LED+/LED-),Conductor 0.5~1.5 mm ² , Strip length 8.5...9.5mm			
ENVIRONMENT					
Ambient Temperature	Operating	-40°C to +60°C	-40°C to +55°C		
	Storage	-40°C to +85°C			
Relative Humidity Operating		10 to 90% RH (Non-Condensing)			
Ingress Protection Classification		IP20			

Dimensions Reference ³⁾



- 1) EUCI-040105GLA and EUCI-075140GLA have been certified SELV association conductor.
- 2) 100% Load (typical) and tested after 30 minutes warm up.
- 3) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

LED DRIVERS

Signage Applications

IoT-based
Smart Green
Solutions to
Nurture Energy
Efficiency in Cities

Delta specializes in energy efficiency management and automation, enabling IoT-based applications in intelligent buildings, smart manufacturing, as well as smart ICT and energy infrastructure, which are the foundations of sustainable cities.

www.deltaco.com



PRODUCT SERIES

Commercial signs come in different shapes, sizes, colors, and purposes. Combing years of experience in powering sign light and comprehensive Class 2 product portfolio, Delta LED drivers for signage applications the visibility of the signs and save the power cost. A trusted partner, Delta continues to develop and provide high quality products with innovation.



USVI Sign

- 60-100W Pout, constant voltage design
- Class2 output
- Universal 120-277Vac input
- -40°C to +55°C wide Ta range
- 1" height design



USVI Multi

- 120-200W Pout, constant voltage design
- 2 / 3 Multi-channel output
- Class2 output
- Universal 120-277Vac input
- -40°C to +55°C wide Ta range



USVI Cuboid

- 20W Pout, constant voltage design
- Class2 output
- Universal 100-277Vac input
- -40°C to +60°C wide Ta range
- 1" height compact design



EUVO Fixed

- 60-250W Pout, constant voltage design
- IP67 rated for outdoor application
- 220-240Vac for EMEA region
- -25°C to +55°C wide Ta range
- Up to 92% efficiency



USVI Cuboid

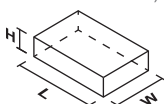
FEATURES

- Constant voltage design
- Universal AC input voltage from 100-277Vac
- Class 2 Output
- Up to 80% efficiency
- Wide operating temperature range -40°C to +60°C
- 1" height design for indoor applications

SPECIFICATIONS

OUTPUT RATINGS		USVI-020012FA	USVI-020024FA
Nominal Output Voltage		12Vdc	24Vdc
Output Current Range		0-1.7A	0-0.85A
Max. No Load Output Voltage		12.6Vdc	25.2Vdc
Max. Output Power		20W	
Line Regulation		± 1%	
Load Regulation		± 5%	
Output Voltage Ripple		360mV	720mV
INPUT RATINGS			
Input Voltage Range		90-305Vac	
Input Frequency Range		47-63 Hz	
Normal Input Current		0.27A	
Efficiency ¹⁾ 100-277Vac		80%	
Max Inrush Current		Meet NEMA 410	
Power Factor at 100% load		> 0.9 @ 100-277Vac	
Leakage Current		< 0.7mA @ 230Vac	
MECHANICAL			
Casing		Plastic, Color : White	
Dimensions (L x W x H)		132.0 x 34.0 x 25.4 mm 5.20 x 1.34 x 1.00 inch	
Unit Weight		0.18kg (0.40 lb)	
Cooling System		Convection	
Input Wire		Line: Black, Neutral: White, Wire Length 300mm	
Output Wire		Positive: Red, Negative: Blue, Wire Length 300mm	
ENVIRONMENT			
Ambient Temperature	Operating	-40°C to + 60°C	
	Storage	-40°C to +85°C	
Relative Humidity Operating		10 to 90% RH (Non-Condensing)	
Environmental Locations		Dry / Damp	

Dimensions Reference 2)



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

USVI Multi

FEATURES

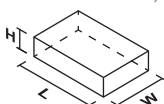
- Constant voltage design
- Multi-channel output, Class 2 Output
- Universal AC input voltage from 120-277Vac
- Up to 91% efficiency
- Wide operating temperature range -40°C to +55°C
- Dry and Damp protection for Signage applications



SPECIFICATIONS

OUTPUT RATINGS		USVI-120012FA	USVI-180012FA	USVI-200024FA
Nominal Output Voltage		12Vdc	12Vdc	24Vdc
Output Current Range		0-10A	0-15A	0-8.2A
Max. Output Power		120W	180W	200W
Output Channel		2	3	2
Line Regulation		± 5%		
Load Regulation		± 5%		
Output Ripple Voltage		< 1000mV		
INPUT RATINGS				
Input Voltage Range		108-305Vac		
Input Frequency Range		47-63 Hz		
Normal Input Current		1.3A	1.9A	2.1A
Efficiency ¹⁾	120Vac	88%	88%	89
	277Vac	90.5%	90.5%	91.5
Max Inrush Current		Meet NEMA 410		
Power Factor at 100% load		> 0.95 @ 120-277Vac		
Leakage Current		< 0.7mA @ 230Vac		
MECHANICAL				
Casing		Metal sheet, Color : White		
Dimensions (L x W x H)		298.5 x 43.0 x 30.0 mm 11.75 x 1.69 x 1.18 inch	424.0 x 43.0 x 30.0 mm 16.71 x 1.69 x 1.18 inch	298.5 x 43.0 x 30.0 mm 11.75 x 1.69 x 1.18 inch
Unit Weight		0.72kg (1.59 lb)	1.10kg (2.43 lb)	0.72kg (1.59 lb)
Cooling System		Convection		
Input Wire		Line: Black, Neutral: White, Wires Length 317mm		
Output Wire		Positive: Red, Negative: Red/White, Wire Length: 317mm Positive: Blue, Negative: Blue/White, Wire Length: 470mm Positive: Yellow, Negative: Yellow/White, Wire Length: 623mm (only for USVI-180012FA)		
ENVIRONMENT				
Ambient Temperature	Operating	-40°C to + 55°C		
	Storage	-40°C to +85°C		
Relative Humidity Operating		10 to 90% RH (Non-Condensing)		
Environmental Locations		Dry / Damp		

Dimensions Reference ²⁾



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



USVI Sign

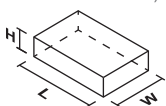
FEATURES

- Constant voltage design
- Universal input voltage 120-277Vac
- Class 2 Output
- Up to 90.5% efficiency
- Wide operating temperature range -40°C to +55°C
- 1" height design for signage and refrigerator applications

SPECIFICATIONS

OUTPUT RATINGS		USVI-060012FF	USVI-060012DG	USVI-060024DG	USVI-100024DG
Nominal Output Current		12Vdc	12Vdc	24Vdc	24Vdc
Output Voltage Range		0 - 5A	0 - 5A	0 - 2.5A	0 - 4.15A
Max. Output Power		60W	60W	60W	99.6W
Line Regulation		± 3%			
Load Regulation		± 3%			
Output Ripple Voltage		1000mV			
INPUT RATINGS					
Input Voltage Range		108-305Vac			
Input Frequency Range		47-63 Hz			
Normal Input Current		0.24A	0.60A	0.58A	0.95A
Efficiency ¹⁾ 230Vac		87%	90.5%	90%	89.5%
Inrush Current (Apk / 50%-uS) (Cold Start)		Meet NEMA 410	70A	20A / 150uS @ 120V 50A / 150uS @ 277V	25A / 150uS @ 120V 55A / 154uS @ 277V
Power Factor		> 0.5	> 0.95 @ 120-277Vac ; 230Vac/50Hz		
Leakage Current		< 0.7mA @ 230Vac			
MECHANICAL					
Casing		Metal sheet, Color : White			
Dimensions (L x W x H)		140.0 x 43.4 x 30.0 mm 5.51 x 1.71 x 1.18 inch	148.2 x 45.6 x 25.4 mm 5.83 x 1.80 x 1.00 inch	241.3 x 43.0 x 25.4 mm 9.50 x 1.69 x 1.00 inch	
Unit Weight		0.35kg (0.77 lb)	0.34kg (0.75 lb)	0.49kg (1.08 lb)	
Cooling System		Convection			
Input		Line:Black, Neutral:White Wires Length 317mm	Line: Black, Neutral: White, Wires Length 300mm		
Output		Positive:Red, Negative:Black Wires Length 317mm	Dim+: Violet, Dim-:Gray, Positive: Red, Negative: Blue, Wires Length 300mm		
ENVIRONMENT					
Ambient Temperature	Operating	-40°C to + 55°C	-25°C to + 55°C	-40°C to + 55°C	
	Storage	-40°C to +85°C			
Relative Humidity Operating		10 to 90% RH (Non-Condensing)			
Environmental Locations		Dry / Damp			

Dimensions Reference 2)



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

USVI Sign

FEATURES

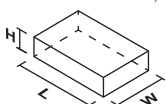
- Constant voltage design
- Universal input voltage 120-277Vac
- Class 2 Output
- Up to 90.5% efficiency
- Wide operating temperature range -40°C to +55°C
- 1" height design for signage and refrigerator applications



SPECIFICATIONS

OUTPUT RATINGS	USVI-060012FG	USVI-060024FG	USVI-100024FG	USVI-100024FB
Nominal Output Current	12Vdc	24Vdc	24Vdc	24Vdc
Output Voltage Range	0 - 5A	0 - 2.5A	0 - 4.15A	0 - 4.15A
Max. Output Power	60W	60W	99.6W	99.6W
Line Regulation	± 3%			
Load Regulation	± 3%			
Output Ripple Voltage	1000mV			
INPUT RATINGS				
Input Voltage Range	108-305Vac			
Input Frequency Range	47-63 Hz			
Normal Input Current	0.60A	0.58A	0.95A	1.20A
Efficiency ¹⁾ 230Vac	91%	90 %	90.0%	88%
Inrush Current (Apk / 50%-uS) (Cold Start)	70A	20A / 150uS @ 120V 50A / 150uS @ 277V	25A / 150uS @ 120V 55A / 150uS @ 277V	Meet NEMA 410
Power Factor	> 0.5	> 0.95 @ 120-277Vac ; 230Vac/50Hz		
Leakage Current	< 0.7mA @ 230Vac			
MECHANICAL				
Casing	Metal sheet, Color : White			
Dimensions (L x W x H)	148.2 x 45.6 x 25.4 mm 5.83 x 1.80 x 1.00 inch		241.3 x 43.0 x 25.4 mm 9.50 x 1.69 x 1.00 inch	241.3 x 43.1 x 30.0 mm 9.50 x 1.69 x 1.18 inch
Unit Weight	0.34kg (0.75 lb)		0.49kg (1.08 lb)	
Cooling System	Convection			
Input	Line: Black, Neutral: White, Wires Length 300mm			
Output	Positive: Red, Negative: Blue, Wires Length 300mm			
ENVIRONMENT				
Ambient Temperature	Operating	-25°C to + 55°C		-40°C to + 55°C
	Storage	-40°C to +85°C		
Relative Humidity Operating	10 to 90% RH (Non-Condensing)			
Environmental Locations	Dry / Damp			

Dimensions Reference 2)



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



EUVO Fixed

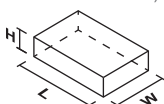
FEATURES

- Constant voltage design
- AC input voltage from 220-240Vac for EMEA region
- Up to 92% efficiency
- Wide operating temperature range -25°C to +55°C
- IP67 rated
- Active PFC. Meet IEC/EN 61000-3-2, Class C

SPECIFICATIONS

OUTPUT RATINGS	EUVO-060012FA	EUVO-080024FA	EUVO-100012FA	EUVO-100024FA	EUVO-250024FA
Nominal Output Voltage	12Vdc	24Vdc	12Vdc	24Vdc	24Vdc
Output Current Range	0 - 5A	0 - 3.33A	0 - 8.3A	0 - 4.17A	0 - 10.42A
Max. Output Power	60W	80W	100W	100W	250W
Output Voltage Tolerance	± 4%	± 3%	± 4%		
Line Regulation	± 1%				
Load Regulation	± 3%				
Output Ripple Voltage	250mV	200mV	250mV		300mV
INPUT RATINGS					
Input Voltage Range	198-264Vac				
Input Frequency Range	47-63 Hz				
Normal Input Current	0.4A	0.5A	0.6A	0.6A	1.46A
Efficiency ¹⁾ 230Vac	87%	87%	89%	89%	92%
Power Factor	> 0.95 @230Vac/50Hz				
Leakage Current	< 0.7mA @ 230Vac				
MECHANICAL					
Casing	Aluminum, Color : Natural				
Dimensions (L x W x H)	180.0 x 50.0 x 34.0 mm 7.09 x 1.97 x 1.34 inch	250.0 x 50.0 x 34.0 mm 9.84 x 1.97 x 1.34 inch	250.0 x 60.0 x 34.0 mm 9.84 x 2.36 x 1.34 inch	250.0 x 60.0 x 34.0 mm 9.84 x 2.36 x 1.34 inch	250.0 x 80.0 x 39.0 mm 9.84 x 3.15 x 1.54 inch
Unit Weight	0.58kg (1.28 lb)	0.82kg (1.81 lb)	0.96kg (2.11 lb)	0.96kg (2.11 lb)	1.52kg (3.35 lb)
Input Cable	Line: Brown, Neutral: Blue Cable Length 350mm			Line: Brown, Neutral: Blue PE: Yellow/Green, Cable Length 350mm	
Output Cable	Positive: Red, Negative: Black, Cable Length 350mm Positive: Red, Negative: Black, Positive: Red, Negative: Black, Cable Length 350mm @ EUVO-250024FA				
ENVIRONMENT					
Ambient Temperature	Operating	-25°C to + 55°C			
	Storage	-40°C to +80°C			
Relative Humidity Operating	10 to 85% RH (Non-Condensing)				
Ingress Protection Classification	IP67				

Dimensions Reference 2)



1) 100% Load (typical) and tested after 30 minutes warm up.

2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

DRIVER MODEL NAME

| Standard Product

Code	Definition		
Digital 1 & 2	Region	EU: Europe US: USA JP: Japan	TW: Taiwan CN: China HC: Canada (347/480)
Digital 3	Constant Current / Constant Voltage	V: CV; C: CC	
Digital 4	Housing	I : Others O : IP66/67 T : Metal with Terminal	
Digital 5		-	
Digital 6-8	Output Power	XXX Wattage	
Digital 9-11	Output Current/ Output Voltage	Voltage or Current	
Digital 12-13	Dimming Type	F: Fix	D: 1-10V dimming
		P: Phase cut	L: DALI
		G: Programming	R: Resistor
		A: Infrared Radiation	U: USB
		S: Step DIM	M: PWM Dimming
		T: Pendant Switch	B: BLE
		C: CPM Dimming	N: NFC
		E: Light Sensor Dimming	Z: ZigBee
		H: Color Mix	W: WiFi
Digital 14-15	Serial Number	XX=0~9,A~Z	
Example	US-CC-Indoor-30W-700mA-Phase dim.	USCI-030070PAA	
	EU-CV-Outdoor-100W-12V-Fix	EUVO-100012FAA	
	EU-CC-Indoor-130W-1050mA-Prog+DALI	EUCI-130105GLA	

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