



LED

Smart Dimming
Outdoor & Industrial
Indoor & Commercial

POWER
NEVER ENDS

About FSP

FSP Group is the leading power supply manufacturer in the world.

Since established in 1993, the company has been committed to its R&D capability, production capacity and product quality to stand out from the competitive market.

FSP Group provides a great variety of products related to power and electronics technology, such as adapter, open frame, LED Lighting, Medical, LCD TV, Industrial / Desktop computers and Servers to fulfil our OEM / ODM customers' needs. And FSP Group is now making more efforts to develop better environment friendly products, including PV Inverter, UPS and ESS products.

FSP Group's global presence in Taiwan, Brazil, China, Germany, Sweden, France, India, Japan, Korea, Russia, Turkey, UK, and USA has made it easier to provide immediate support. As FSP Group is aiming to create a win-win situation, we treat our customers as friends by providing customized products and excellent service.

For FSP Group, making **Power never ends** will be our sustainable goal.

Our vision:

To be the global leading provider of green energy solutions, touch people's life, contribute to the better environment.

Our mission:

Providing the best value to customers, employees and shareholders by our innovative service and high quality products.

Smart Dimming Series



IOT Series: 15-50W (C.C.)

- Input Voltage: 120-277Vac
- Output Current: 540-1400mA
- Efficiency: 87%
- Dimension: 360 x 30 x 25.4mm



DALI Series: 320W (C.C.)

- Multiple dimming function: DALI / (1-10VDC, resistance)
- Output Current: 1050/1400 mA
- Efficiency: 94%
- Dimension: 285 x 84 x 42.5

IP67 ※ CE/ UL pending



RAPM Series: 18W (C.C.)

- 1-10V Dimming / PWM Dimming
- Input Voltage: 120-277Vac
- Output Current: 350/500/700 mA
- Efficiency: 86%
- Dimension: 130 x 35 x 26 mm



RAPM Series: 30-50W (C.C.)

- 1-10V Dimming / PWM Dimming (Dim-to-off: 40W/50W)
- Input Voltage: 120-277Vac
- Output Current: 700/1050/1250/1400 mA
- Efficiency: 90%
- Dimension: 148 x 40 x 30 mm
162.5 x 43 x 32 mm



DALI Slim Series: 40/70W (C.C.)

- DALI Dimming
- Input Voltage: 120-277Vac/200-240Vac
- Output Current: 700/1050 mA
- Dimension: 300 x 30 x 21 mm



SAE Series: 80/100/120/150W (C.C.)

- 1-10V Dimming (Dim-to-off: 120W/150W)
- Input Voltage: 100-277Vac
- Output Current: 700/1050/1400/2100/2800/3150 mA
- Efficiency: 91.5%
- Dimension: 195 x 60.5 x 38 mm
211 x 60.5 x 38 mm
250 x 60.5 x 38 mm



SAE Series: 200/320W (C.C.)

- 1-10V Dimming / PWM Dimming
- Input Voltage: 100-277Vac/120-277Vac
- Output Current: 700/1050/1400/2100/2800/3150 mA
- Efficiency: 93.5%
- Dimension: 228 x 68 x 38.8 mm
260 x 84 x 42.5 mm



Programmable Series: 40W/75W (C.C.)

- 1-10V Dimming
- Input Voltage: 120-277Vac
- Constant Power
- Output Current: 700-1400 mA/ 700-2000 mA
- Dimension: 220 x 50 x 30 mm
425 x 30 x 25 mm
- Worked with NFC tag

※ CE/ UL pending



- SAE1 Series: 120/200/320W (C.C.+C.V)**
- 0-10V Dimming / PWM Dimming (Dim-to-off: 120W/200W)
 - 12V Auxiliary Output
 - Input Voltage: 100-277Vac
 - Output Voltage: 24/36/48/54V
 - Efficiency: 93%
 - Dimension: 220 x 68 x 38.8 mm
228 x 68 x 38.8 mm
260 x 84 x 42.5 mm



CE IP67



- Programmable Series: 80/150W/200W (C.C.)**
- DALI/ 0-10V Dimming
 - 12V Auxiliary Output
 - Input Voltage: 100-277Vac
 - Output Current: 350~2800mA
 - Constant Power
 - Dimension: 210 x 61 x 38 mm
243 x 68 x 38.8 mm
250 x 68 x 38.8 mm
 - Worked with FSP05-PROG



IOT Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP50-ZZAS(140)MP	50	540~1400	27~45V	120-277	C.C.	0-10V		360 x 30 x 25.4	CE, ENEC, UL

DALI SLIM Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP40-ZZAS(070)D	40	350-700	30-60	120-277	C.C.	DALI		300 x 30 x 21	CE, ENEC
FSP40-ZZAS(105)D	40	525-1050	20-40	120-277	C.C.	DALI		300 x 30 x 21	CE, ENEC
FSP70-ZZHS(070)D	70	350-700	50-100	200-240	C.C.	DALI		300 x 30 x 21	CE, ENEC

PROGRAMMABLE Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP40-ZZAS1(140)V	40	700-1400	27-54	120-277	C.C.	1-10V/PWM		220 x 50 x 30	UL/CE pending
FSP75-ZZAS1(200)V	75	700-2000	27-54	120-277	C.C.	1-10V		425 x 30 x 25	UL/CE pending
FSP80-ZZAE1(105)DG	80	700~1050	35~107	120-277	C.C.	DALI	IP67	210 x 60.5 x 38.1	CE, ENEC, UL
FSP80-ZZAE1(280)DG	80	1400~2800	22~55	120-277	C.C.	DALI	IP67	210 x 60.5 x 38.1	CE, ENEC, UL
FSP150-SZAE(070)DG	150	537~700	125~280	120-277	C.C.	DALI	IP67	243 x 68 x 38.8	CE, ENEC, UL
FSP150-SZAE(105)DG	150	700~1050	105~215	120-277	C.C.	DALI	IP67	243 x 68 x 38.8	CE, ENEC, UL
FSP200-FZAE1(105)DG	200	700~1050	100~285	120-277	C.C.	DALI	IP67	250 x 68 x 38.8	CE, ENEC, UL
FSP200-FZAE1(210)DG	200	1400~2100	50~143	120-277	C.C.	DALI	IP67	250 x 68 x 38.8	CE, ENEC, UL

DALI Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP320-SZAE1(105)DG	320.25	1050	152-305	120-277	C.C.	DALI	IP67	285 x 84 x 42.5	UL/CE/ENEC pending
FSP320-SZAE1(105)MG	320.25	1050	152-305	120-277	C.C.	0-10V/PWM	IP67	285 x 84 x 42.5	UL/CE/ENEC pending
FSP320-SZAE1(140)DG	320.6	1400	114-229	120-277	C.C.	DALI	IP67	285 x 84 x 42.5	UL/CE/ENEC pending

SAE Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP80-ZZAE(070)VG	80	700	80-115	100-277	C.C.	1-10V	IP67	194 x 60.5 x 38	CE, UL
FSP80-ZZAE(105)VG	80	1050	50-76	100-277	C.C.	1-10V	IP67	194 x 60.5 x 38	CE, UL
FSP80-ZZAE(140)VG	80	1400	40-57	100-277	C.C.	1-10V	IP67	194 x 60.5 x 38	CE, UL
FSP80-ZZAE(210)VG	84	2100	24-40	100-277	C.C.	1-10V	IP67	194 x 60.5 x 38	CE, UL
FSP80-ZZAE(280)VG	80	2800	20-28	100-277	C.C.	1-10V	IP67	194 x 60.5 x 38	CE, UL
FSP100-SZAE(070)VG	100	700	106-142	100-277	C.C.	1-10V	IP67	194 x 60.5 x 38	CE, UL
FSP100-SZAE(105)VG	100	1050	63-96	100-277	C.C.	1-10V	IP67	194 x 60.5 x 38	CE, UL
FSP100-SZAE(140)VG	100	1400	48-72	100-277	C.C.	1-10V	IP67	194 x 60.5 x 38	CE, UL
FSP100-SZAE(210)VG	100	2100	32-48	100-277	C.C.	1-10V	IP67	194 x 60.5 x 38	CE, UL
FSP100-SZAE(250)VG	100	2500	28-40	100-277	C.C.	1-10V	IP67	194 x 60.5 x 38	CE, UL
FSP100-SZAE(280)VG	100	2800	24-36	100-277	C.C.	1-10V	IP67	194 x 60.5 x 38	CE, UL
FSP100-SZAE(315)VG	100	3150	21-32	100-277	C.C.	1-10V	IP67	194 x 60.5 x 38	CE, UL
FSP120-FZAE(070)MG	120	700	90-172	100-277	C.C.	1-10V/PWM (Dim-to-off)	IP67	211 x 60.5 x 38	CE, UL
FSP120-FZAE(140)MG	120	1400	45-86	100-277	C.C.	1-10V/PWM (Dim-to-off)	IP67	211 x 60.5 x 38	CE, UL
FSP120-FZAE(210)MG	120	2100	30-57	100-277	C.C.	1-10V/PWM (Dim-to-off)	IP67	211 x 60.5 x 38	CE, UL
FSP120-FZAE(280)MG	120	2800	25-43	100-277	C.C.	1-10V/PWM (Dim-to-off)	IP67	211 x 60.5 x 38	CE, UL
FSP120-FZAE(315)MG	120	3150	25-38	100-277	C.C.	1-10V/PWM (Dim-to-off)	IP67	211 x 60.5 x 38	CE, UL
FSP150-FZAE(070)VG	150	700	165-215	100-277	C.C.	1-10V	IP67	250 x 60.5 x 38	CE, UL
FSP150-FZAE(140)VG	150	1400	66-107	100-277	C.C.	1-10V	IP67	250 x 60.5 x 38	CE, UL
FSP150-FZAE(210)VG	150	2100	51-71	100-277	C.C.	1-10V	IP67	250 x 60.5 x 38	CE, UL
FSP150-FZAE(280)MG	150	2800	30-54	100-277	C.C.	1-10V/PWM (Dim-to-off)	IP67	250 x 60.5 x 38	CE, UL
FSP150-FZAE(315)MG	150	3150	30-48	100-277	C.C.	1-10V/PWM (Dim-to-off)	IP67	250 x 60.5 x 38	CE, UL
FSP200-FZAE(070)MG	200	700	141-288	100-277	C.C.	1-10V/PWM	IP67	228 x 68 x 38.8	CE, UL
FSP200-FZAE(105)MG	200	1050	93-192	100-277	C.C.	1-10V/PWM	IP67	228 x 68 x 38.8	CE, UL
FSP200-FZAE(140)MG	200	1400	71-144	100-277	C.C.	1-10V/PWM	IP67	228 x 68 x 38.8	CE, UL
FSP200-FZAE(315)MG	200	3150	34-64	100-277	C.C.	1-10V/PWM	IP67	228 x 68 x 38.8	CE, UL
FSP320-SZAE(140)MG	320	1400	160-230	120-277	C.C.	1-10V/PWM	IP67	260 x 84 x 42.5	CE, UL
FSP320-SZAE(210)MG	320	2100	100-146	120-277	C.C.	1-10V/PWM	IP67	260 x 84 x 42.5	CE, UL
FSP320-SZAE(280)MG	320	2800	80-115	120-277	C.C.	1-10V/PWM	IP67	260 x 84 x 42.5	CE, UL

RAPM Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP18-ZZAP(035)M	18	350	40-52	120-277	C.C.	1-10V/PWM		130 x 35 x 26	CE
FSP18-ZZAP(050)M	18	500	20-36	120-277	C.C.	1-10V/PWM		130 x 35 x 26	CE
FSP18-ZZAP(070)M	18	700	15-26	120-277	C.C.	1-10V/PWM		130 x 35 x 26	CE
FSP30-ZZAP(050)M	25	500	24-50	120-277	C.C.	1-10V/PWM		148 x 40 x 30	CE
FSP30-ZZAP(060)M	30	600	24-50	120-277	C.C.	1-10V/PWM		148 x 40 x 30	CE
FSP30-ZZAP(070)M	34	700	24-48	120-277	C.C.	1-10V/PWM		148 x 40 x 30	CE
FSP30-ZZAP(105)M	34	1050	14-32	120-277	C.C.	1-10V/PWM		148 x 40 x 30	CE
FSP30-ZZAP(125)M	33	1250	12-26	120-277	C.C.	1-10V/PWM		148 x 40 x 30	CE
FSP40-ZZAP(070)M	40	700	52-58	120-277	C.C.	1-10V/PWM (Dim-to-off)		162.5 x 43 x 32	CE
FSP40-ZZAP(100)M	40	1000	25-40	120-277	C.C.	1-10V/PWM (Dim-to-off)		162.5 x 43 x 32	CE,UL
FSP40-ZZAP(125)M	40	1250	25-32	120-277	C.C.	1-10V/PWM (Dim-to-off)		162.5 x 43 x 32	CE,UL
FSP40-ZZAP(140)M	40	1400	18-28	120-277	C.C.	1-10V/PWM (Dim-to-off)		162.5 x 43 x 32	CE,UL
FSP40-ZZAP(070)MG	40	700	52-58	120-277	C.C.	1-10V/PWM (Dim-to-off)	IP65	162.5 x 43 x 32	CE,UL
FSP40-ZZAP(100)MG	40	1000	25-40	120-277	C.C.	1-10V/PWM (Dim-to-off)	IP65	162.5 x 43 x 32	CE,UL
FSP40-ZZAP(125)MG	40	1250	25-32	120-277	C.C.	1-10V/PWM (Dim-to-off)	IP65	162.5 x 43 x 32	CE,UL
FSP40-ZZAP(140)MG	40	1400	18-28	120-277	C.C.	1-10V/PWM (Dim-to-off)	IP65	162.5 x 43 x 32	CE,UL
FSP50-ZZAP(070)M	50	700	60-70	120-277	C.C.	1-10V/PWM (Dim-to-off)		162.5 x 43 x 32	CE,UL
FSP50-ZZAP(100)M	45	1000	30-45	120-277	C.C.	1-10V/PWM (Dim-to-off)		162.5 x 43 x 32	CE,UL
FSP50-ZZAP(125)M	50	1250	25-40	120-277	C.C.	1-10V/PWM (Dim-to-off)		162.5 x 43 x 32	CE,UL
FSP50-ZZAP(140)M	45	1400	18-32	120-277	C.C.	1-10V/PWM (Dim-to-off)		162.5 x 43 x 32	CE,UL
FSP50-ZZAP(070)MG	50	700	60-70	120-277	C.C.	1-10V/PWM (Dim-to-off)	IP65	162.5 x 43 x 32	CE,UL
FSP50-ZZAP(100)MG	45	1000	30-45	120-277	C.C.	1-10V/PWM (Dim-to-off)	IP65	162.5 x 43 x 32	CE,UL
FSP50-ZZAP(125)MG	50	1250	25-40	120-277	C.C.	1-10V/PWM (Dim-to-off)	IP65	162.5 x 43 x 32	CE,UL
FSP50-ZZAP(140)MG	45	1400	18-32	120-277	C.C.	1-10V/PWM (Dim-to-off)	IP65	162.5 x 43 x 32	CE,UL

SAE1 CC Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP120-FZAE1(500)MG	120	5000 200	16-24 12	100-277	C.C	1-10V/PWM	IP67	220 x 68 x 38.8	CE,UL
FSP120-FZAE1(340)MG	120	3400 200	18-36 12	100-277	C.C	1-10V/PWM	IP67	220 x 68 x 38.8	CE,UL
FSP120-FZAE1(250)MG	120	2500 200	24-48 12	100-277	C.C	1-10V/PWM	IP67	220 x 68 x 38.8	CE,UL
FSP120-FZAE1(230)MG	120	2300 200	27-54 12	100-277	C.C	1-10V/PWM	IP67	220 x 68 x 38.8	CE,UL
FSP200-FZAE1(830)MG	200	8300 200	16-24 12	100-277	C.C	1-10V/PWM	IP67	228 x 68 x 38.8	CE,UL
FSP200-FZAE1(560)MG	200	5600 200	18-36 12	100-277	C.C	1-10V/PWM	IP67	228 x 68 x 38.8	CE,UL
FSP200-FZAE1(420)MG	200	4200 200	24-48 12	100-277	C.C	1-10V/PWM	IP67	228 x 68 x 38.8	CE,UL
FSP200-FZAE1(370)MG	200	3700 200	27-54 12	100-277	C.C	1-10V/PWM	IP67	228 x 68 x 38.8	CE,UL
FSP320-SZAE-XXMG	320	200	XX=24/36/48/54 12V	100-277	C.C	1-10V/PWM	IP67	260 x 84 x 42.5	UL/CE Pending

Outdoor & Industrial Series

- Accurate Constant Current Design
- Low Ripple Current / No Flicker
- With 3 in 1 Dimming Solution(0-10V/ 1-10V/ PWM/ Resistance)/ Programmable Function

- Suitable for Dry, Damp, Wet Location
- High Lightning Protection: 6KV/ 10KV
- High Reliability / Long Life 50,000hrs



IAE Series: 60W (C.C.)
 · Input Voltage: 120-277Vac
 · Output Current: 1100/1250/1400/5000 mA
 · Efficiency: 91.5%
 · Dimension: 195 x 60.5 x 38 mm

CE IP65



RAP1 Series: 60/90W (C.C. / C.V.)
 · 1-10V Dimming / PWM Dimming (Dim-to-off: 90W)
 · Input Voltage: 120-277Vac
 · Output Voltage: 24/36/48/54V
 · 12V Auxiliary Output
 · Efficiency: 90%
 · Dimension: 162.5 x 43 x 32 mm
 176 x 63 x 37.5 mm

CE IP67 *UL pending



MVH/KVH Series: 100/120/150W (C.V.)
 · Input Voltage: 120-277Vac/ 200-277Vac
 · Output Voltage: 24/30/36/42/48/54V
 · Efficiency: 94%
 · Dimension: 135 x 68 x 42.5 mm
 180 x 68 x 42.5 mm

CE IP67



DALI Series: 320W (C.C.)
 · Multiple dimming function: DALI / (1-10VDC, resistance)
 · Output Current: 1050/1400 mA
 · Efficiency: 94%
 · Dimension: 285 x 84 x 42.5

IP67 *CE/ UL pending

SAE1 CV Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP120-FZAE1(500)RG24	120	5000	16-24	100-277	C.V		IP67	220 x 68 x 38.8	CE,UL
FSP120-FZAE1(340)RG36	120	3400	18-36	100-277	C.V		IP67	220 x 68 x 38.8	CE,UL
FSP120-FZAE1(250)RG48	120	2500	24-48	100-277	C.V		IP67	220 x 68 x 38.8	CE,UL
FSP120-FZAE1(230)RG54	120	2300	27-54	100-277	C.V		IP67	220 x 68 x 38.8	CE,UL
FSP200-FZAE1(830)RG24	200	8300	16-24	100-277	C.V		IP67	228 x 68 x 38.8	CE,UL
FSP200-FZAE1(560)RG36	200	5600	18-36	100-277	C.V		IP67	228 x 68 x 38.8	CE,UL
FSP200-FZAE1(420)RG48	200	4200	24-48	100-277	C.V		IP67	228 x 68 x 38.8	CE,UL
FSP200-FZAE1(370)RG54	200	3700	27-54	100-277	C.V		IP67	228 x 68 x 38.8	CE,UL
FSP320-SZAE-XXG	320		XX=24/36/48/54	100-277	C.V		IP67	260 x 84 x 42.5	UL/CE Pending

IAE Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP60-ZZAE(110)JU	60	1100	36-54	120-277	C.C.		IP65	195 x 60.5 x 38	CE,UL
FSP60-ZZAE(125)JU	60	1250	36-48	120-277	C.C.		IP65	195 x 60.5 x 38	CE,UL
FSP60-ZZAE(140)JU	56	1400	30-40	120-277	C.C.		IP65	195 x 60.5 x 38	CE,UL
FSP60-ZZAE(500)JU	60	5000	11.4-12.6	120-277	C.C.		IP65	195 x 60.5 x 38	
FSP150-SZAE(380)	152	3800	34-40	120-277	C.C.		IP67	216 x 84 x 42.5	CE
FSP180-SZAE(430)	172	4300	30-40	120-277	C.C.		IP67	206 x 84 x 42.5	CE
FSP180-SZAE(330)	186	3300	50-56.5	120-277	C.C.		IP67	206 x 84 x 42.5	CE
FSP200-SZAE(480)	182	4800	34-38	120-277	C.C.		IP67	216 x 84 x 42.5	CE
FSP200-SZAE(500)	190	5000	34-38	120-277	C.C.		IP67	206 x 84 x 42.5	CE

MAE Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP160-4SZAE(140)MG	160	1400 * 4ch 50	14-29 24	120-277	C.C	1-10V	IP67	216 x 84 x 42.5	CE,UL
FSP160-4SZAE(140)MG1	160	1400 * 4ch 50	14-29 12	120-277	C.C.	1-10V	IP67	216 x 84 x 42.5	CE,UL
FSP160-4SZAE(105)MG	160	1050 * 4ch 50	19-38 12	120-277	C.C	0-10V	IP67	216 x 84 x 42.5	UL/CE pending

C36 Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP80Z-ZC36	83	2300	28-40	100-277	C.C.		IP65	194 x 60.5 x 38	CCC
FSP100Z-SC36	95	2650	28-40	100-277	C.C.		IP65	194 x 60.5 x 38	CCC
FSP120Z-FC36	122	3400	28-40	100-277	C.C.		IP65	220 x 68 x 38.8	CCC
FSP150Z-FC36	151	4200	28-40	100-277	C.C.		IP65	228 x 68 x 38.8	CCC

MVH Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP100-NZMVH-24	100	0-4.1A	24	200-277	C.V.		IP67	135 x 68 x 42.5	CE
FSP100-NZMVH-30	100	0-3.3A	30	200-277	C.V.		IP67	135 x 68 x 42.5	CE
FSP100-NZMVH-36	100	0-2.8A	36	200-277	C.V.		IP67	135 x 68 x 42.5	CE
FSP100-NZMVH-42	100	0-2.4A	42	200-277	C.V.		IP67	135 x 68 x 42.5	CE
FSP100-NZMVH-48	100	0-2.1A	48	200-277	C.V.		IP67	135 x 68 x 42.5	CE
FSP100-NZMVH-54	100	0-1.8A	54	200-277	C.V.		IP67	135 x 68 x 42.5	CE

KVH Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP120-NZKVH-24	120	0-5A	24	120-277	C.V.		IP67	180 x 68 x 42.5	CE
FSP120-NZKVH-30	120	0-4A	30	120-277	C.V.		IP67	180 x 68 x 42.5	CE
FSP120-NZKVH-36	120	0-3.3A	36	120-277	C.V.		IP67	180 x 68 x 42.5	CE
FSP120-NZKVH-42	120	0-2.8A	42	120-277	C.V.		IP67	180 x 68 x 42.5	CE
FSP120-NZKVH-48	120	0-2.5A	48	120-277	C.V.		IP67	180 x 68 x 42.5	CE
FSP120-NZKVH-54	120	0-2.2A	54	120-277	C.V.		IP67	180 x 68 x 42.5	CE
FSP150-NZKVH-24	150	0-6.2A	24	200-277	C.V.		IP67	180 x 68 x 42.5	CE
FSP150-NZKVH-30	150	0-5A	30	200-277	C.V.		IP67	180 x 68 x 42.5	CE
FSP150-NZKVH-36	150	0-4.1A	36	200-277	C.V.		IP67	180 x 68 x 42.5	CE
FSP150-NZKVH-42	150	0-3.5A	42	200-277	C.V.		IP67	180 x 68 x 42.5	CE
FSP150-NZKVH-48	150	0-3.1A	48	200-277	C.V.		IP67	180 x 68 x 42.5	CE
FSP150-NZKVH-54	150	0-2.7A	54	200-277	C.V.		IP67	180 x 68 x 42.5	CE

Indoor & Commercial Series

- Accurate Constant Current Design
- Low Inrush Current / Low Ripple Current / No Flicker
- With 1-10V / 0-10V / PWM / DALI Dimming Solution

- Built-in PFC Circuit
- High Reliability / Long Life 50,000hrs



RAP Series: 12/18W (C.C.)
 • Input Voltage: 120-277Vac
 • Output Current: 350/500/700 mA
 • Efficiency: 86%
 • Dimension: 115 x 37 x 30 mm



RAP1 Series: 40W (C.C.)
 • Input Voltage: 100-277Vac
 • Output Current: 350/700/1050/1400/1750 mA
 • Efficiency: 92%
 • Dimension: 97.5 x 72 x 32 mm



RAP Series: 30~50W (C.C.)
 • Input Voltage: 120-277Vac
 • Output Current: 700/1050/1250/1400 mA
 • Efficiency: 90%
 • Dimension: 148 x 40 x 30 mm
 162.5 x 43 x 32 mm



DIP Series: 32/50W (C.C.)
 • Multiple Output Current Selectable
 • Input Voltage: 120-277Vac/200-240Vac
 • Output Current: 350/500/700/850/900/1050 mA
 • Efficiency: 88%
 • Dimension: 123 x 80 x 22.5 mm



LHS Series: 50W (C.C.)
 • Input Voltage: 200-240Vac
 • Output Current: 350/700/1050 mA
 • Efficiency: 91%
 • Dimension: 230 x 30 x 21 mm

※ CE pending



RIN Series: 45W (C.C.+C.V.)
 • Input Voltage: 100-240Vac
 • Output Voltage: 12/19/24/36/48V
 • Efficiency: 88%
 • Dimension: 101.6 x 50.8 x 31 mm



RAP1 Series: 25W (C.C.)
 • Input Voltage: 100-277Vac
 • Output Current: 350/700/1050/1250/1400/2050 mA
 • Efficiency: 88%
 • Dimension: 80.3 x 78 x 25.4 mm



LFS Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP20-SZAS(050)	20	500	32-40	100-277	C.C.			187 x 38 x 30	CE,UL
FSP15-ZZFS(070)JL	15	700	8-21.5	100-240	C.C.	1-10V/ PWM		205 x 50 x 41.5	PSE
FSP20-ZZFS(048)JL	20	480	30-44	100-240	C.C.	1-10V/ PWM		205 x 50 x 41.5	PSE
FSP37-ZZFS(070)JL	37	700	20-53	100-240	C.C.	1-10V/ PWM		205 x 50 x 41.5	PSE
FSP40-ZZFS(090)JL	40	900	30-44	100-240	C.C.	1-10V/ PWM		205 x 50 x 41.5	PSE
FSP50-ZZFS(120)JL	50	1200	30-44	100-240	C.C.	1-10V/ PWM		240 x 50 x 41.5	PSE

LHS Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP50-ZZHS(035)	50	350	86-143	200-240	C.C.			230 x 30 x 21	CE Pending
FSP50-ZZHS(070)	50	700	43-71.5	200-240	C.C.			230 x 30 x 21	CE Pending
FSP50-ZZHS(105)	50	1050	28.5-47.5	200-240	C.C.			230 x 30 x 21	CE Pending
FSP70-ZZAS(070)	70	700	50-100	100-277	C.C.			300 x 30 x 21	CE Pending

RIN Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certified
FSP045-1SZ24-12	45	3800	12	100-240	C.C. + C.V.			101.6 x 50.8 x 31	CE
FSP045-1SZ24-19	45	2400	19	100-240	C.C. + C.V.			101.6 x 50.8 x 31	CE
FSP045-1SZ24-24	45	1900	24	100-240	C.C. + C.V.			101.6 x 50.8 x 31	CE
FSP045-1SZ24-36	45	1250	36	100-240	C.C. + C.V.			101.6 x 50.8 x 31	CE
FSP045-1SZ24-48	45	950	48	100-240	C.C. + C.V.			101.6 x 50.8 x 31	CE

RAP Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certificated
FSP012-1ZZN1AP(035)	12	350	22-34	120-277	C.C.			115 x 37 x 30	CE
FSP012-1ZZN1AP(050)	12	500	16-24	120-277	C.C.			115 x 37 x 30	CE
FSP012-1ZZN1AP(070)	13	700	12-18	120-277	C.C.			115 x 37 x 30	CE
FSP018-1ZZN1AP(035)	18	350	40-52	120-277	C.C.			115 x 37 x 30	CE
FSP018-1ZZN1AP(050)	20	500	24-40	120-277	C.C.			115 x 37 x 30	CE
FSP018-1ZZN1AP(070)	18	700	15-26	120-277	C.C.			115 x 37 x 30	CE
FSP30-ZZAP(050)	25	500	24-50	120-277	C.C.			148 x 40 x 30	CE
FSP30-ZZAP(060)	30	600	24-50	120-277	C.C.			148 x 40 x 30	CE
FSP30-ZZAP(070)	34	700	24-48	120-277	C.C.			148 x 40 x 30	CE
FSP30-ZZAP(105)	34	1050	14-32	120-277	C.C.			148 x 40 x 30	CE
FSP30-ZZAP(125)	33	1250	12-26	120-277	C.C.			148 x 40 x 30	CE
FSP40-ZZAP(070)	40	700	52-58	120-277	C.C.			162.5 x 43 x 32	CE
FSP40-ZZAP(100)	40	1000	25-40	120-277	C.C.			162.5 x 43 x 32	CE,UL
FSP40-ZZAP(125)	40	1250	25-32	120-277	C.C.			162.5 x 43 x 32	CE,UL
FSP40-ZZAP(140)	40	1400	18-28	120-277	C.C.			162.5 x 43 x 32	CE,UL
FSP40-ZZAP(070)G	41	700	52-58	120-277	C.C.		IP65	162.5 x 43 x 32	CE,UL
FSP40-ZZAP(100)G	40	1000	25-40	120-277	C.C.		IP65	162.5 x 43 x 32	CE,UL
FSP40-ZZAP(125)G	40	1250	25-32	120-277	C.C.		IP65	162.5 x 43 x 32	CE,UL
FSP40-ZZAP(140)G	50	1400	18-28	120-277	C.C.		IP65	162.5 x 43 x 32	CE,UL
FSP50-ZZAP(070)	50	700	60-70	120-277	C.C.			162.5 x 43 x 32	CE,UL
FSP50-ZZAP(100)	45	1000	30-45	120-277	C.C.			162.5 x 43 x 32	CE,UL
FSP50-ZZAP(125)	50	1250	25-40	120-277	C.C.			162.5 x 43 x 32	CE,UL
FSP50-ZZAP(140)	45	1400	18-32	120-277	C.C.			162.5 x 43 x 32	CE,UL
FSP50-ZZAP(070)G	50	700	60-70	120-277	C.C.		IP65	162.5 x 43 x 32	CE,UL
FSP50-ZZAP(100)G	45	1000	30-45	120-277	C.C.		IP65	162.5 x 43 x 32	CE,UL
FSP50-ZZAP(125)G	50	1250	25-40	120-277	C.C.		IP65	162.5 x 43 x 32	CE,UL
FSP50-ZZAP(140)G	45	1400	18-32	120-277	C.C.		IP65	162.5 x 43 x 32	CE,UL

RAP1 Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certificated
FSP25-FZAP(035)VG	25	350	44-72	100-277	C.C.	1-10V	IP65	80.3 x 78 x 25.4	CE,UL
FSP25-FZAP(070)VG	25	700	22-37	100-277	C.C.	1-10V	IP65	80.3 x 78 x 25.4	CE,UL
FSP25-FZAP(105)VG	25	1050	13-24	100-277	C.C.	1-10V	IP65	80.3 x 78 x 25.4	CE,UL
FSP25-FZAP(140)VG	25	1400	8-18	100-277	C.C.	1-10V	IP65	80.3 x 78 x 25.4	CE,UL
FSP25-FZAP(205)VG	25	2050	6-12	100-277	C.C.	1-10V	IP65	80.3 x 78 x 25.4	CE,UL
FSP40-ZZAP1(035)VG	42	350	60-120	100-277	C.C.	1-10V	IP65	97.5 x 72 x 32	
FSP40-ZZAP1(070)VG	39	700	18-56	100-277	C.C.	1-10V	IP65	97.5 x 72 x 32	CE,UL
FSP40-ZZAP1(105)VG	42	1050	18-40	100-277	C.C.	1-10V	IP65	97.5 x 72 x 32	CE,UL
FSP40-ZZAP1(140)VG	42	1400	15-30	100-277	C.C.	1-10V	IP65	97.5 x 72 x 32	CE,UL
FSP40-ZZAP1(175)VG	42	1750	12-24	100-277	C.C.	1-10V	IP65	97.5 x 72 x 32	CE,UL
FSP60-ZZAP1(105)MG	60	1050	28.5-57	100-277	C.C.	3 in 1		162.5 x 43 x 32	UL/CE pending
FSP90-SZAP(375)MG/		3750	24			3 in 1			
FSP90-SZAP(375)G24	90	200	12	120-277	C.V/ C.C	(Dim-to-off for C.C.)	IP67	176 x 63 x 37.5	CE, ENEC
FSP90-SZAP(250)MG/		2500	36			3 in 1			
FSP90-SZAP(250)G36	90	200	12	120-277	C.V/ C.C	(Dim-to-off for C.C.)	IP67	176 x 63 x 37.5	CE, ENEC
FSP90-SZAP(188)MG/		1880	48			3 in 1			
FSP90-SZAP(188)G48	90	200	12	120-277	C.V/ C.C	(Dim-to-off for C.C.)	IP67	176 x 63 x 37.5	CE, ENEC
FSP90-SZAP(167)MG/		1670	54			3 in 1			
FSP90-SZAP(167)G54	90	200	12	120-277	C.V/ C.C	(Dim-to-off for C.C.)	IP67	176 x 63 x 37.5	CE, ENEC

DIP Specifications

Model No.	Wattage (W)	Output Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Constant Current or Constant Voltage	Dimming	IP	Dimension (mm)	Safety Certificated
FSP32-SZAC-W	32	350/500/700/800/850/1000		120-277	C.C.	1-10V		123 x 79 x 22	UL
FSP050-1SN1CP-W	50	350/500/700/850/900/1050		200-240	C.C.	1-10V		123 x 79 x 22	CE,ENEC