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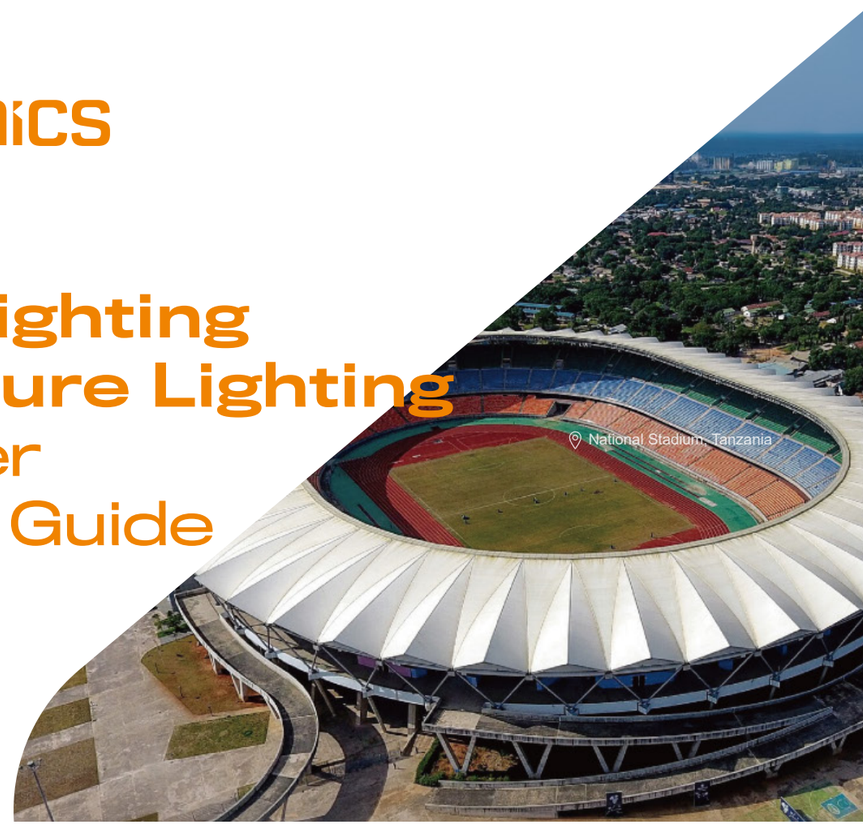
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Sports Lighting
Horticulture Lighting
LED Driver
Selection Guide

Sports

Horticulture







2026 H2

Sports Lighting

We craft “Visual Referees” (IEEE 1789 flicker-free) with 1% super low ripple drivers, “Endurance Guardians” (100,000h+ lifetime), and “Scene Magicians” (44fps dynamic dimming) – so every stadium moment from a local training facility to an Olympic stadium, can enjoy their special moment worry free.

Expertise

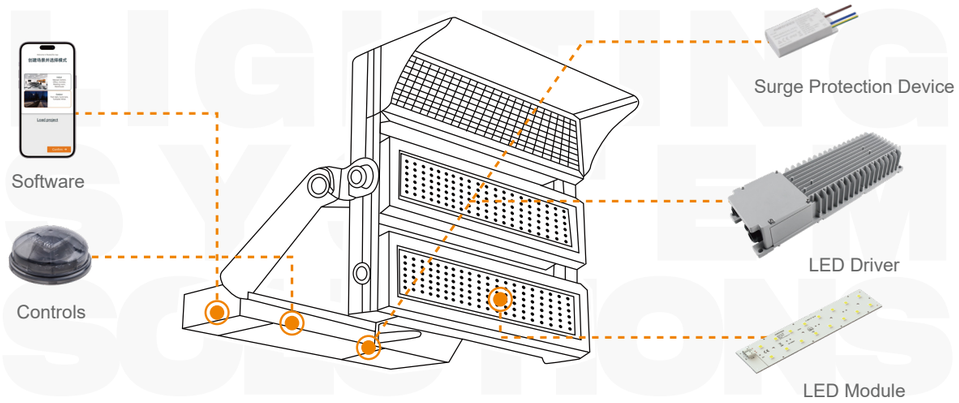
Bring every pivotal moment to life with precision lighting that elevates your event’s impact! For athletes, spectators, and broadcasters alike, unmatched performance demands certified illuminance levels, flawless uniformity, and real-time adaptability.

World-class | **Dynamic control** | **Durability & Energy efficiency**

System Value

- Complete and harmonious lighting solutions with full - range LED drivers, modules and connectivity accessories, catering seamlessly to everything from training facilities to international sporting events.
- System compatibility relieve customers’ worries.
- Reliable and long - lasting lighting design with 100,000+ hours lifetime and low maintenance requirements, ensuring stable operation in harsh environments.
- Flicker - free lighting design complies with IEEE 1789, providing a clear and comfortable visual experience for high – definition broadcasts.
- Precise and stable lighting control system supporting multiple protocols with as low as to 0.1% dimming and dynamic control up to 44fps, enabling personalized lighting adjustment for various sports scenarios.

Lighting System Solutions



Sub-applications



Professional | **Semi-Professional** | **Training/Recreation** | **Ports/Airports**

Horticulture Lighting

We craft “Spectrum Chefs” (dynamic 380-800nm tuning) with multi-channel drivers, “Energy Savers”(97.5% efficiency), and “Environment Guardians” (IP67 waterproofing) – so every plant savors a tailored light recipe, turning growers’ harvests from weather-dependent to light-driven.



Expertise

At the core of every bountiful harvest lies precision lighting. As the global leader in agricultural LED drivers, Inventronics delivers durable, fully customizable systems that adapt to your crops’ lifecycle needs: Our advanced Horticulture lighting systems deliver:

Evergreen reliability

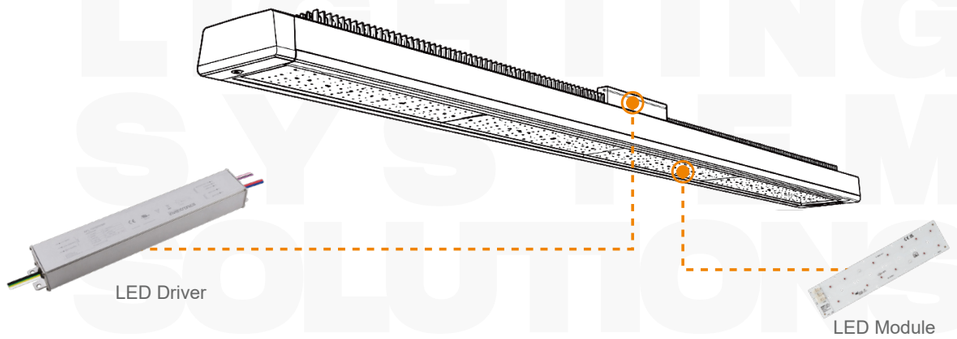
Dynamic spectrum control to boost yields

Energy effiency for cutting utility costs

System Value

- Multi-channel drivers with Power Transfer enabling dynamic 380-800nm wavelength adjustments to optimize photosynthesis boost yields.
- 97%+ driver efficiency with high luminous efficacy cuts energy costs.
- Multi-protocol support (0-10V/Digital dimming/ D4i) enable adaptive lighting strategies and fully controlled environment for harvest guarantee.
- IP67-rated waterproof drivers ensure reliable operation in humid greenhouses and extreme-temperature environments, minimizing downtime.
- Flexible lighting scheme setting with a precise control system.

Lighting System Solutions



Sub-applications



Greenhouse



In farming



Animal Farming



Aquaculture

Page	Product Family	Input Voltage [Vac]	Description	Dimming Interface	Programming Interface	IP Rating [IP]	Isolation	1CH: Max Output Power														Multi-CH: Max Output Power				
								100W	150W	200W		240W	320W													
P07 - P08	IT 0-10 N P67	90 ~ 305	0-10V, 12V Aux, Non-Isolated	0~10V/PWM/Resistor/ 3-Timer-Modes	Wired Programming	66/67	Non-isolated																			
	AT DX N L P00	180 ~ 528	DALI2&D4i Linear	DALI2&D4i	NFC Programmer	/	Non-isolated				220W															
	EBM-MG	176 ~ 305	0-10V, 12V Aux	0~10V/PWM/3-Timer-Modes	Wired Programming	66/67	Isolated											1200W								
	EFM-Bx	180 ~ 528	D4i & RDM,24V Aux, Multi-channel	DALI-2/DMX-RDM/ 3-Timer-Modes	NFC Programmer	66/67	Isolated																800W			
	NFM-Gx	180 ~ 528	0-10V & D4i & RDM,12V Aux, Non-Isolated	DALI-2/DMX-RDM/0-10V/ PWM/Resistor/3-Timer-Modes	NFC Programmer	66/67	Non-isolated								500W	680W	880W		1200W		1600W					
	NFM-Mx	180 ~ 528	0-10V, 12V Aux, Non-Isolated	0-10V/PWM/Resistor/ 3-Timer-Modes	NFC Programmer	66/67	Non-isolated								500W	680W	880W		1200W		1600W					
	NFM-Q-Mx	180 ~ 528	Digital Dimming, 12V Aux, Non-Isolated	Digital Dimming	Wired Programming	66/67	Non-isolated															760W				
P09 - P10	NFS-BC	180 ~ 528	Premium Driver for Sports Lighting, D4i & RDM	DALI-2/DMX-RDM/ 3-Timer-Modes	NFC Programmer	66	Non-isolated									600W	900W							1200W		1800W
	NSM-Gx	249 ~ 528	0-10V & D4i & RDM,1 2V Aux, Non-Isolated	DALI-2/DMX-RDM/0-10V/ PWM/Resistor/3-Timer-Modes	NFC Programmer	66/67	Non-isolated									680W	880W		1200W	1500W		2000W				
	NSM-Mx	249 ~ 528	0-10V, 12V Aux, Non-Isolated	0-10V/PWM/Resistor/ 3-Timer-Modes	NFC Programmer	66/67	Non-isolated									680W	880W		1200W	1500W		2000W				
	NSM-Q-Mx	249 ~ 528	Digital Dimming, 12V Aux, Non-Isolated	Digital Dimming	Wired Programming	66/67	Non-isolated																	1200W	1500W	
	NSS-BC	249 ~ 528	Premium Driver for Sports Lighting, D4i & RDM	DALI-2/DMX-RDM/ 3-Timer-Modes	NFC Programmer	66	Non-isolated									700W			1200W						1500W	
	SSM-Hx	249 ~ 528	High Input, 0-10V, Slim Form Factor	0-10V/10V PWM/Resistor	Wired Programming	65	Isolated				220W			330W	440W											
P11 - P12	SSM-Mx	249 ~ 528	High Input, 0-10V, 12V Aux, Slim Form Factor	0-10V/PWM/Resistor/ 3-Timer-Modes	Wired Programming	66/67	Isolated				220W			330W	440W		760W		1000W		1500W					
	SSM-MGS	249 ~ 528	High Input, 0-10V, Panel Mount Connectors Connectors	0-10V/PWM/Resistor/ 3-Timer-Modes	Wired Programming	66/67	Isolated									760W		1000W								
P13 - P15	SSM-MGR	249 ~ 528	High Input, 0-10V, Panel Mount Connectors and RJ Connectors	0-10V/PWM/Resistor/ 3-Timer-Modes	Wired Programming	66	Isolated									760W		1000W								
	SUM-Hx	90 ~ 305	0-10V, Slim Form Factor with Ultra High Efficiency	0-10V/10V PWM/Resistor	Wired Programming	65	Isolated	110W			220W			330W	440W											
	SUM-Mx	90 ~ 305	0-10V, 12V Aux, Slim Form Factor with Ultra High Efficiency	0~10V/PWM/Resistor/ 3-Timer-Modes	Wired Programming	66/67	Isolated	110W			220W			330W	440W		760W		1000W		1500W					
P15 - P16	SUM-MGS	90 ~ 305	0-10V, Panel Mount Connectors	0~10V/PWM/Resistor/ 3-Timer-Modes	Wired Programming	66/67	Isolated									760W		1000W								
	SUM-MGR	90 ~ 305	0-10V, Panel Mount and RJ Connectors	0~10V/PWM/Resistor/ 3-Timer-Modes	Wired Programming	66	Isolated									760W		1000W								
	NFL-Mx	180 ~ 528	0-10V, 12V Aux, Non-Isolated, Slim Form Factor	0~10V/PWM/Resistor/ 3-Timer-Modes	Wired Programming	66/67	Non-isolated	100W										1000W								

Product Details



IT 0-10 N P 67



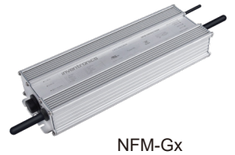
AT DX N L P00



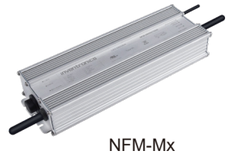
EBM-MG



EFM-Bx



NFM-Gx



NFM-Mx



NFM-Q-Mx

Product Family	Product Name	Input Voltage [Vac]	Output Power [W]	Output Voltage Range [Vdc]		Output Current [A]	Programming Interface	IP Rating [IP]	Isolation	Surge Protection	Dimming Interface	Dimming Interface		Protection Class	Efficiency (max.) [%]	Length [mm]	Width [mm]	Height [mm]	Lifetime [h]	Ambient Temperature Range[°C]	Certificates & Approbations	Vaux Voltage [V]	Vaux Max Current [mA]	Dim-to-Off	Warranty [years]
IT 0-10 N P67	IT 0-10 100/100-277/0A5/N P67 G A12	90 ~ 305	100	180	300	0.033~0.5	Wired Programming	66/67	INon-isolated	6kV/10kV	0~10V/PWM/Resistor/AstroDim	-	-	I	96.0%	130	64	32	120,000	-40...60	UL FCC CE ENEC CCC	12	200	Y	5
	IT 0-10 150/100-277/0A75/N P67 G A12	90 ~ 305	150	180	300	0.05~0.75	Wired Programming	66/67	Non-isolated	6kV/10kV	0~10V/PWM/Resistor/AstroDim	-	-	I	96.5%	130	64	32	106,000	-40...60	UL FCC CE ENEC CCC	12	200	Y	5
	IT 0-10 200/100-277/0A9/N P67 G A12	90 ~ 305	200	180	300	0.067~0.9	Wired Programming	66/67	Non-isolated	6kV/10kV	0~10V/PWM/Resistor/AstroDim	-	-	I	96.0%	142	64	32	120,000	-40...60	UL FCC CE ENEC CCC	12	200	Y	5
	IT 0-10 240/100-277/1A1/N P67 G A12	90 ~ 305	240	180	300	0.08~1.1	Wired Programming	66/67	Non-isolated	6kV/10kV	0~10V/PWM/Resistor/AstroDim	-	-	I	97.0%	142	64	32	103,000	-40...60	UL FCC CE ENEC CCC	12	200	Y	5
	IT 0-10 320/100-277/1A6/N P67 G A12	90 ~ 305	320	180	300	0.107~1.6	Wired Programming	66/67	Non-isolated	6kV/10kV	0~10V/PWM/Resistor/AstroDim	-	-	I	96.5%	186	64	32	100,000	-40...60	UL FCC CE ENEC CCC	12	200	Y	5
AT DX N L P00	AT DX 220/200-480/1A/N NFC L P00	180 ~ 528	220	140	370	0.06~1	NFC Programmer	/	Non-isolated	4kV/6kV	DALI2&D4i	-	-	I	97.0%	350	43.2	36.7	105,000	-20...50	UL FCC CE CB	24	125	Y	5
EBM-MG	EBM-1K2S350MG	176 ~ 305	1200	171	462	0.26 ~ 3.5	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	285	141	48.5	100,000	-40...70	UL FCC CE ENEC CB CCC KC KCC	12	250	Y	5
	EBM-1K2S525MG	176 ~ 305	1200	114	304	0.395 ~ 5.25	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	285	141	48.5	100,000	-40...70	UL FCC CE ENEC CB CCC KC KCC	12	250	Y	5
	EBM-1K2S740MG	176 ~ 305	1200	81	217	0.555 ~ 7.4	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	285	141	48.5	100,000	-40...70	UL FCC CE ENEC CB CCC KC KCC	12	250	Y	5
EFM-Bx	EFM-800Q105BG	180 ~ 528	800	150	286	0.0105 ~ 1.05	NFC Programmer	66/67	Isolated	6kV/10kV	DALI-2/DMX-RDM/3-Timer-Modes	-	D4i	I	95.5%	285	141	48.5	52,000	-40...70	UL FCC CCC	24	125	Y	5
	EFM-800Q105BT	180 ~ 528	800	150	286	0.0105 ~ 1.05	NFC Programmer	66/67	Isolated	6kV/10kV	DALI-2/DMX-RDM/3-Timer-Modes	-	D4i	I	95.5%	285	141	48.5	52,000	-40...70	Class P UL FCC	24	125	Y	5
	EFM-800T140BG	180 ~ 528	800	150	286	0.014 ~ 1.4	NFC Programmer	66/67	Isolated	6kV/10kV	DALI-2/DMX-RDM/3-Timer-Modes	-	D4i	I	96.0%	285	141	48.5	52,000	-40...70	UL FCC CCC	24	125	Y	5
	EFM-800T140BT	180 ~ 528	800	150	286	0.014 ~ 1.4	NFC Programmer	66/67	Isolated	6kV/10kV	DALI-2/DMX-RDM/3-Timer-Modes	-	D4i	I	96.0%	285	141	48.5	52,000	-40...70	Class P UL FCC	24	125	Y	5
NFM-Gx	NFM-500S200GG	180 ~ 528	500	150	500	0.001 ~ 2	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	96.0%	245	76.5	38.5	120,000	-40...70	UL FCC CE ENEC CB CCC Global mark	12	250	Y	5
	NFM-500S200GT	180 ~ 528	500	150	500	0.001 ~ 2	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	96.0%	245	76.5	38.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NFM-680S270GG	180 ~ 528	680	150	500	0.00136 ~ 2.7	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	97.0%	256	90	43.5	120,000	-40...70	UL FCC CE ENEC CB CCC Global mark	12	250	Y	5
	NFM-680S270GT	180 ~ 528	680	150	500	0.00136 ~ 2.7	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	97.0%	256	90	43.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NFM-880S350GG	180 ~ 528	880	150	500	0.00176 ~ 3.5	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	97.0%	253	108	44.5	120,000	-40...70	UL FCC CE ENEC CB PSE Global mark	12	250	Y	5
	NFM-880S350GT	180 ~ 528	880	150	500	0.00176 ~ 3.5	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	97.0%	253	108	44.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NFM-1K2S480GG	180 ~ 528	1200	150	500	0.0024 ~ 4.8	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	98.0%	288	108	48.5	108,000	-40...70	UL FCC CE ENEC CB CCC KC KCC Global mark	12	250	Y	5
	NFM-1K2S480GT	180 ~ 528	1200	150	500	0.0024 ~ 4.8	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	98.0%	288	108	48.5	108,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NFM-1K6S640GG	180 ~ 528	1600	150	500	0.0032 ~ 6.4	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	98.0%	285	141	48.5	108,000	-40...70	UL FCC CE ENEC CB CCC KC KCC Global mark	12	650	Y	5
	NFM-1K6S640GT	180 ~ 528	1600	150	500	0.0032 ~ 6.4	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	98.0%	285	141	48.5	108,000	-40...70	Class P UL FCC CE	12	650	Y	5
NFM-Mx	NFM-500S200MG	180 ~ 528	500	150	500	0.01 ~ 2	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWMResistor/3-Timer-Modes	Digital Dimming 2.0	-	I	96.0%	245	76.5	38.5	120,000	-40...70	UL FCC CE ENEC CB CCC Global mark	12	250	Y	5
	NFM-500S200MT	180 ~ 528	500	150	500	0.01 ~ 2	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	96.0%	245	76.5	38.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NFM-680S270MG	180 ~ 528	680	150	500	0.0136 ~ 2.7	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	97.0%	256	90	43.5	120,000	-40...70	UL FCC CE ENEC CB CCC Global mark	12	250	Y	5
	NFM-680S270MT	180 ~ 528	680	150	500	0.0136 ~ 2.7	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	97.0%	256	90	43.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NFM-880S350MG	180 ~ 528	880	150	500	0.0176 ~ 3.5	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	97.0%	253	108	44.5	120,000	-40...70	UL FCC CE ENEC CB Global mark	12	250	Y	5
	NFM-880S350MT	180 ~ 528	880	150	500	0.0176 ~ 3.5	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	97.0%	253	108	44.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NFM-1K2S480MG	180 ~ 528	1200	150	500	0.024 ~ 4.8	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	98.0%	288	108	48.5	108,000	-40...70	UL FCC CE ENEC CB CCC KC KCC Global mark	12	250	Y	5
	NFM-1K2S480MT	180 ~ 528	1200	150	500	0.024 ~ 4.8	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	98.0%	288	108	48.5	108,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NFM-1K6S640MG	180 ~ 528	1600	150	500	0.0032 ~ 6.4	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	98.0%	285	141	48.5	108,000	-40...70	UL FCC CE ENEC CB CCC KC KCC Global mark	12	650	Y	5
	NFM-1K6S640MT	180 ~ 528	1600	150	500	0.0032 ~ 6.4	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	98.0%	285	141	48.5	108,000	-40...70	Class P UL FCC CE	12	650	Y	5
NFM-Q-Mx	NFM-760Q250MG	180 ~ 528	760	130	400	0.19~4.58	Wired Programming	66/67	Non-isolated	6kV/10kV	Digital Dimming	Digital Dimming 2.0	-	I	96.0%	359	90	48.5	100,000	-40...50	UL FCC CE	12	500	Y	5

Product Details



NFS-BC



NSM-Gx



NSM-Mx



NSM-Q-Mx



NSS-BC



SSM-Hx

Product Family	Product Name	Input Voltage [Vac]	Output Power [W]	Output Voltage Range [Vdc]		Output Current [A]	Programming Interface	IP Rating [IP]	Isolation	Surge Protection	Dimming Interface	Dimming Interface		Protection Class	Efficiency (max.) [%]	Length [mm]	Width [mm]	Height [mm]	Lifetime [h]	Ambient Temperature Range[°C]	Certificates & Approbations	Vaux Voltage [V]	Vaux Max Current [mA]	Dim-to-Off	Warranty [years]
NFS-BC	NFS-600S210BC	180 ~ 528	600	176	500	0.0012 ~ 2.1	NFC Programmer	66	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/3-Timer-Modes	-	D4i	I	97.0%	310	145	70	100,000	-40...70	Class P UL FCC CE ENEC CB CCC Global mark	24	125	Y	5
	NFS-900S360BC	180 ~ 528	900	150	500	0.0018 ~ 3.6	NFC Programmer	66	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/3-Timer-Modes	-	D4i	I	97.5%	310	145	70	100,000	-40...70	Class P UL FCC CE ENEC CCC Global mark	24	125	Y	5
	NFS-1K2D210BC	180 ~ 528	1200	176	500	0.0012 ~ 2.1	NFC Programmer	66	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/3-Timer-Modes	-	D4i	I	97.0%	500	152	80	100,000	-40...70	Class P UL FCC CE ENEC CB CCC Global mark	24	125	Y	5
	NFS-1K8T210BC	180 ~ 528	1800	176	500	0.0012 ~ 2.1	NFC Programmer	66	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/3-Timer-Modes	-	D4i	I	97.5%	500	152	80	115,000	-40...70	Class P UL FCC CE ENEC CB CCC KC KCC Global mark	24	125	Y	5
NSM-Gx	NSM-680S200GG	249 ~ 528	680	150	500	0.00136 ~ 2	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	97.0%	245	76.5	38.5	120,000	-40...70	UL FCC CE ENEC CB CCC Global mark	12	250	Y	5
	NSM-680S200GT	249 ~ 528	680	150	500	0.00136 ~ 2	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	97.0%	245	76.5	38.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NSM-880S270GG	249 ~ 528	880	150	500	0.00176 ~ 2.7	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	97.5%	256	90	43.5	120,000	-40...70	UL FCC CE ENEC CB CCC Global mark	12	250	Y	5
	NSM-880S270GT	249 ~ 528	880	150	500	0.00176 ~ 2.7	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	97.5%	256	90	43.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NSM-1K2S350GG	249 ~ 528	1200	150	500	0.0024 ~ 3.5	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	97.0%	253	108	44.5	120,000	-40...70	UL FCC CE ENEC CB CCC KC KCC Global mark	12	250	Y	5
	NSM-1K2S350GT	249 ~ 528	1200	150	500	0.0024 ~ 3.5	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	97.0%	253	108	44.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NSM-1K5S480GG	249 ~ 528	1500	150	500	0.003 ~ 4.8	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	98.0%	288	108	48.5	120,000	-40...70	UL FCC CE ENEC CB CCC KC KCC Global mark	12	250	Y	5
	NSM-1K5S480GT	249 ~ 528	1500	150	500	0.003 ~ 4.8	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	98.0%	288	108	48.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NSM-2K0S640GG	249 ~ 528	2000	150	500	0.004 ~ 6.4	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	98.0%	285	141	48.5	108,000	-40...70	UL FCC CE ENEC CB CCC KC KCC Global mark	12	650	Y	5
	NSM-2K0S640GT	249 ~ 528	2000	150	500	0.004 ~ 6.4	NFC Programmer	66/67	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	D4i	I	98.0%	285	141	48.5	108,000	-40...70	Class P UL FCC CE	12	650	Y	5
NSM-Mx	NSM-680S200MG	249 ~ 528	680	150	500	0.0136 ~ 2	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	97.0%	245	76.5	38.5	120,000	-40...70	UL FCC CE ENEC CB CCC Global mark	12	250	Y	5
	NSM-680S200MT	249 ~ 528	680	150	500	0.0136 ~ 2	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	97.0%	245	76.5	38.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NSM-880S270MG	249 ~ 528	880	150	500	0.0176 ~ 2.7	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	97.5%	256	90	43.5	120,000	-40...70	UL FCC CE ENEC CB CCC Global mark	12	250	Y	5
	NSM-880S270MT	249 ~ 528	880	150	500	0.0176 ~ 2.7	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	97.5%	256	90	43.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NSM-1K2S350MG	249 ~ 528	1200	150	500	0.024 ~ 3.5	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	97.5%	253	108	44.5	120,000	-40...70	UL FCC CE ENEC CB CCC KC KCC Global mark	12	250	Y	5
	NSM-1K2S350MT	249 ~ 528	1200	150	500	0.024 ~ 3.5	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	97.5%	253	108	44.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NSM-1K5S480MG	249 ~ 528	1500	150	500	0.03 ~ 4.8	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	98.0%	288	108	48.5	120,000	-40...70	UL FCC CE ENEC CB CCC KC KCC Global mark	12	250	Y	5
	NSM-1K5S480MT	249 ~ 528	1500	150	500	0.03 ~ 4.8	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	98.0%	288	108	48.5	120,000	-40...70	Class P UL FCC CE	12	250	Y	5
	NSM-2K0S640MG	249 ~ 528	2000	150	500	0.004 ~ 6.4	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	98.0%	285	141	48.5	108,000	-40...70	UL FCC CE ENEC CB CCC KC KCC Global mark	12	650	Y	5
	NSM-2K0S640MT	249 ~ 528	2000	150	500	0.004 ~ 6.4	NFC Programmer	66/67	Non-isolated	10kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 2.0	-	I	98.0%	285	141	48.5	108,000	-40...70	Class P UL FCC CE	12	650	Y	5
NSM-Q-Mx	NSM-1K2Q450MG	249 ~ 528	1200	205	450	0.267~4.5	Wired Programming	66/67	Non-isolated	6kV/10kV	Digital Dimming	Digital Dimming 2.0	-	I	96.00%	359	90	48.5	100,000	-40...50	UL FCC CE	12	500	Y	5
	NSM-1K5Q250MG	249 ~ 528	1500	230	500	0.3~4.5	Wired Programming	66/67	Non-isolated	6kV/10kV	Digital Dimming	Digital Dimming 2.0	-	I	96.00%	424	90	48.5	100,000	-40...50	UL FCC CE	12	500	Y	5
NSS-BC	NSS-700S210BC	249 ~ 528	700	176	500	0.0014 ~ 2.1	NFC Programmer	66	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/3-Timer-Modes	-	D4i	I	97.0%	310	145	70	100,000	-40...70	Class P UL FCC CE ENEC CB CCC Global mark	24	125	Y	5
	NSS-1K2S360BC	249 ~ 528	1200	176	500	0.0024 ~ 3.6	NFC Programmer	66	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/3-Timer-Modes	-	D4i	I	97.5%	310	145	70	102,000	-40...70	Class P UL FCC CE ENEC CCC Global mark	24	125	Y	5
	NSS-1K5D210BC	249 ~ 528	1500	176	500	0.0015 ~ 2.1	NFC Programmer	66	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/3-Timer-Modes	-	D4i	I	97.0%	500	152	80	100,000	-40...70	Class P UL FCC CE ENEC CB CCC Global mark	24	125	Y	5
	NSS-2K1T210BC	249 ~ 528	2100	176	500	0.0014 ~ 2.1	NFC Programmer	66	Non-isolated	10kV/10kV	DALI-2/DMX-RDM/3-Timer-Modes	-	D4i	I	97.5%	500	152	80	110,000	-40...70	Class P UL FCC CE ENEC CB CCC Global mark	24	125	Y	5
SSM-Hx	SSM-220S530HF	249 ~ 528	220	34	54	0.41 ~ 5.3	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor	-	-	I	94.5%	312	43.5	31.5	120,000	-40...70	UL FCC CE CB	-	-	-	5
	SSM-330S690HF	249 ~ 528	330	34	54	0.61 ~ 6.9	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor	-	-	I	94.5%	392	43.5	31.5	110,000	-40...70	UL FCC CE CB	-	-	-	5
	SSM-440S920HF	249 ~ 528	440	34	54	0.82 ~ 9.2	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor	-	-	I	95.0%	402	43.5	31.5	108,000	-40...70	UL FCC CE CB	-	-	-	5

Product Details



SSM-Mx



SSM-MGS

Product Family	Product Name	Input Voltage [Vac]	Output Power [W]	Output Voltage Range [Vdc]		Output Current [A]	Programming Interface	IP Rating [IP]	Isolation	Surge Protection	Dimming Interface	Dimming Interface		Protection Class	Efficiency (max.) [%]	Length [mm]	Width [mm]	Height [mm]	Lifetime [h]	Ambient Temperature Range[°C]	Certificates & Approbations	Vaux Voltage [V]	Vaux Max Current [mA]	Dim-to-Off	Warranty [years]
SSM-Mx	SSM-220S530MF	249 ~ 528	220	34	54	0.41 ~ 5.3	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	94.5%	312	43.5	31.5	116,000	-40...70	UL FCC CE CB	12	250	Y	5
	SSM-220S530MG	249 ~ 528	220	34	54	0.41 ~ 5.3	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	94.5%	322	43.5	31.5	116,000	-40...70	UL FCC CE CB	12	250	Y	5
	SSM-220S530MT	249 ~ 528	220	34	54	0.41 ~ 5.3	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	94.5%	322	43.5	31.5	116,000	-40...70	UL FCC CE	12	250	Y	5
	SSM-330S690MF	249 ~ 528	330	34	54	0.61 ~ 6.9	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	94.5%	392	43.5	31.5	110,000	-40...70	UL FCC CE CB	12	250	Y	5
	SSM-330S690MG	249 ~ 528	330	34	54	0.61 ~ 6.9	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	94.5%	402	43.5	31.5	110,000	-40...70	UL FCC CE CB	12	250	Y	5
	SSM-330S690MT	249 ~ 528	330	34	54	0.61 ~ 6.9	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	94.5%	402	43.5	31.5	110,000	-40...70	UL FCC CE	12	250	Y	5
	SSM-440S920MF	249 ~ 528	440	34	54	0.82 ~ 9.2	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	95.0%	402	43.5	31.5	108,000	-40...70	UL FCC CE CB	12	250	Y	5
	SSM-440S920MG	249 ~ 528	440	34	54	0.82 ~ 9.2	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	95.0%	412	43.5	31.5	108,000	-40...70	UL FCC CE CB	12	250	Y	5
	SSM-440S920MT	249 ~ 528	440	34	54	0.82 ~ 9.2	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	95.0%	412	43.5	31.5	108,000	-40...70	UL FCC CE	12	250	Y	5
	SSM-760S15AMG	249 ~ 528	760	34	54	1.4 ~ 15.8	Wired Programming	66/67	Isolated	6kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.0%	354	90	48.5	111,000	-40...70	UL FCC CE CB	12	250	Y	5
	SSM-760S15AMT	249 ~ 528	760	34	54	1.4 ~ 15.8	Wired Programming	66/67	Isolated	6kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.0%	354	90	48.5	111,000	-40...70	UL FCC CE	12	250	Y	5
	SSM-1K0S840MG	249 ~ 528	1000	84	149	0.672 ~ 8.4	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	389	90	48.5	100,000	-40...70	UL FCC CE CB	12	250	Y	5
	SSM-1K0S21AMG	249 ~ 528	1000	34	54	1.85 ~ 21	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	389	90	48.5	100,000	-40...70	UL FCC CE CB	12	250	Y	5
	SSM-1K0S840MT	249 ~ 528	1000	84	149	0.672 ~ 8.4	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	389	90	48.5	100,000	-40...70	UL FCC CE	12	250	Y	5
	SSM-1K0S21AMT	249 ~ 528	1000	34	54	1.85 ~ 21	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	389	90	48.5	100,000	-40...70	UL FCC CE	12	250	Y	5
	SSM-1K0S400MG	249 ~ 528	1000	175	312	0.32 ~ 4	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	389	90	48.5	100,000	-40...70	UL FCC CE CB	12	250	Y	5
	SSM-1K0S400MT	249 ~ 528	1000	175	312	0.32 ~ 4	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	389	90	48.5	100,000	-40...70	UL FCC CE	12	250	Y	5
	SSM-1K5S600MG	249 ~ 528	1500	175	375	0.4 ~ 6.0	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	464	90	48.5	100,000	-40...70	UL FCC CE ENEC CB CCC KC KCC	12	250	Y	5
	SSM-1K5S12AMG	249 ~ 528	1500	84	150	1.0 ~ 12.5	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	464	90	48.5	100,000	-40...70	UL FCC CE ENEC CB CCC KC KCC	12	250	Y	5
	SSM-1K5S31AMG	249 ~ 528	1500	34	54	2.8 ~ 31.5	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	464	90	48.5	100,000	-40...70	UL FCC CE ENEC CB KC	12	250	Y	5
	SSM-1K5S600MT	249 ~ 528	1500	175	375	0.4 ~ 6.0	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	464	90	48.5	100,000	-40...70	UL FCC CE	12	250	Y	5
	SSM-1K5S12AMT	249 ~ 528	1500	84	150	1.0 ~ 12.5	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	464	90	48.5	100,000	-40...70	UL FCC CE	12	250	Y	5
	SSM-1K5S31AMT	249 ~ 528	1500	34	54	2.8 ~ 31.5	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	464	90	48.5	100,000	-40...70	UL FCC CE	12	250	Y	5
SSM-MGS	SSM-760S15AMGS	249 ~ 528	760	34	54	1.4 ~ 15.8	Wired Programming	66/67	Isolated	6kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.0%	390	108	48.5	111,000	-40...70	UL FCC CE CB	12	250	Y	5
	SSM-1K0S400MGS	249 ~ 528	1000	175	312	0.32 ~ 4	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	425	108	48.5	100,000	-40...70	UL FCC CE CB	12	250	Y	5
	SSM-1K0S840MGS	249 ~ 528	1000	84	149	0.672 ~ 8.4	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	425	108	48.5	100,000	-40...70	UL FCC CE CB	12	250	Y	5
	SSM-1K0S20AMGS	249 ~ 528	1000	34	54	1.85 ~ 20	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	425	108	48.5	100,000	-40...70	UL FCC CE CB	12	250	Y	5

Product Details



SSM-MGR



SUM-Hx



SUM-Mx

Product Family	Product Name	Input Voltage [Vac]	Output Power [W]	Output Voltage Range [Vdc]		Output Current [A]	Programming Interface	IP Rating [IP]	Isolation	Surge Protection	Dimming Interface	Dimming Interface		Protection Class	Efficiency (max.) [%]	Length [mm]	Width [mm]	Height [mm]	Lifetime [h]	Ambient Temperature Range[°C]	Certificates & Approbations	Vaux Voltage [V]	Vaux Max Current [mA]	Dim-to-Off	Warranty [years]
SSM-MGR	SSM-760S15AMGR	249 ~ 528	760	34	54	1.4 ~ 15.8	Wired Programming	66	Isolated	6kV/10kV	0-10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.0%	390	108	48.5	111,000	-40...70	UL FCC CE CB	-	-	Y	5
	SSM-1K0S400MGR	249 ~ 528	1000	175	312	0.32 ~ 4	Wired Programming	66	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	425	108	48.5	100,000	-40...70	UL FCC CE CB	-	-	Y	5
	SSM-1K0S840MGR	249 ~ 528	1000	84	149	0.672 ~ 8.4	Wired Programming	66	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	425	108	48.5	100,000	-40...70	UL FCC CE CB	-	-	Y	5
	SSM-1K0S20AMGR	249 ~ 528	1000	34	54	1.85 ~ 20	Wired Programming	66	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	425	108	48.5	100,000	-40...70	UL FCC CE CB	-	-	Y	5
SUM-Hx	SUM-110S105HF	90 ~ 305	110	80	157	0.07 ~ 1.05	Wired Programming	65	Isolated	6kV/10kV	0-10V/10V PWM/Resistor	-	-	I	91.5%	186	43.5	31.5	120,000	-40...70	UL FCC CE CB KS	-	-	-	5
	SUM-110S260HF	90 ~ 305	110	30	56	0.195 ~ 2.6	Wired Programming	65	Isolated	6kV/10kV	0-10V/10V PWM/Resistor	-	-	I	91.0%	186	43.5	31.5	120,000	-40...70	UL FCC CE CB KS	-	-	-	5
	SUM-220S530HF	90 ~ 305	220	30	54	0.41 ~ 5.3	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor	-	-	I	94.5%	272	43.5	31.5	120,000	-40...70	UL FCC CE CB	-	-	-	5
	SUM-330S690HF	90 ~ 305	330	34	54	0.61 ~ 6.9	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor	-	-	I	95.0%	372	43.5	31.5	103,000	-40...70	UL FCC CE CB	-	-	-	5
	SUM-440S920HF	90 ~ 305	440	34	54	0.82 ~ 9.2	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor	-	-	I	94.5%	402	43.5	31.5	117,000	-40...70	UL FCC CE CB	-	-	-	5
SUM-Mx	SUM-110S105MF	90 ~ 305	110	80	157	0.07 ~ 1.05	Wired Programming	65	Isolated	6kV/10kV	0-10V/10V PWM/Resistor	-	-	I	91.5%	186	43.5	31.5	120,000	-40...70	UL FCC CE CB KS	-	-	Y	5
	SUM-110S260MF	90 ~ 305	110	30	56	0.195 ~ 2.6	Wired Programming	65	Isolated	6kV/10kV	0-10V/10V PWM/Resistor	-	-	I	91.0%	186	43.5	31.5	120,000	-40...70	UL FCC CE CB KS	-	-	Y	5
	SUM-110S105MG	90 ~ 305	110	80	157	0.07 ~ 1.05	Wired Programming	65	Isolated	6kV/10kV	0-10V/10V PWM/Resistor	-	-	I	91.5%	196	43.5	31.5	120,000	-40...70	UL FCC CE CB KS	-	-	Y	5
	SUM-110S260MG	90 ~ 305	110	30	56	0.195 ~ 2.6	Wired Programming	65	Isolated	6kV/10kV	0-10V/10V PWM/Resistor	-	-	I	91.0%	196	43.5	31.5	120,000	-40...70	UL FCC CE CB KS	-	-	Y	5
	SUM-110S105MT	90 ~ 305	110	80	157	0.07 ~ 1.05	Wired Programming	65	Isolated	6kV/10kV	0-10V/10V PWM/Resistor	-	-	I	91.5%	196	43.5	31.5	120,000	-40...70	UL FCC CE KS	-	-	Y	5
	SUM-110S260MT	90 ~ 305	110	30	56	0.195 ~ 2.6	Wired Programming	65	Isolated	6kV/10kV	0-10V/10V PWM/Resistor	-	-	I	91.0%	196	43.5	31.5	120,000	-40...70	UL FCC CE KS	-	-	Y	5
	SUM-220S530MF	90 ~ 305	220	30	54	0.41 ~ 5.3	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	94.5%	272	43.5	31.5	120,000	-40...70	UL FCC CE CB KS	-	-	Y	5
	SUM-220S530MG	90 ~ 305	220	30	54	0.41 ~ 5.3	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	94.5%	282	43.5	31.5	120,000	-40...70	UL FCC CE CB KS	-	-	Y	5
	SUM-220S530MT	90 ~ 305	220	30	54	0.41 ~ 5.3	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	94.5%	282	43.5	31.5	120,000	-40...70	UL FCC CE KS	-	-	Y	5
	SUM-330S690MF	90 ~ 305	330	34	54	0.61 ~ 6.9	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	95.5%	372	43.5	31.5	120,000	-40...70	UL FCC CE CB	-	-	Y	5
	SUM-330S690MG	90 ~ 305	330	34	54	0.61 ~ 6.9	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	95.5%	382	43.5	31.5	120,000	-40...70	UL FCC CE CB	-	-	Y	5
	SUM-330S690MT	90 ~ 305	330	34	54	0.61 ~ 6.9	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	95.5%	382	43.5	31.5	120,000	-40...70	UL FCC CE	-	-	Y	5
	SUM-440S920MF	90 ~ 305	440	34	54	0.82 ~ 9.2	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	94.5%	402	43.5	31.5	100,000	-40...70	UL FCC CE CB	-	-	Y	5
	SUM-440S920MG	90 ~ 305	440	34	54	0.82 ~ 9.2	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	94.5%	412	43.5	31.5	100,000	-40...70	UL FCC CE CB	-	-	Y	5
	SUM-440S920MT	90 ~ 305	440	34	54	0.82 ~ 9.2	Wired Programming	65	Isolated	6kV/6kV	0-10V/10V PWM/Resistor/3-Timer-Modes	-	-	I	94.5%	412	43.5	31.5	100,000	-40...70	UL FCC CE	-	-	Y	5
	SUM-760S15AMG	90 ~ 305	760	34	54	1.4 ~15.8	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	354	90	48.5	102,000	-40...70	UL FCC CE CB	12	250	Y	5
	SUM-760S15AMT	90 ~ 305	760	34	54	1.4 ~15.8	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	354	90	48.5	102,000	-40...70	UL FCC CE	12	250	Y	5

Product Details



SUM-Mx



SUM-MGS



SUM-MGR



NFL-Mx

Product Family	Product Name	Input Voltage [Vac]	Output Power [W]	Output Voltage Range [Vdc]		Output Current [A]	Programming Interface	IP Rating [IP]	Isolation	Surge Protection	Dimming Interface	Dimming Interface		Protection Class	Efficiency (max.) [%]	Length [mm]	Width [mm]	Height [mm]	Lifetime [h]	Ambient Temperature Range[°C]	Certificates & Approbations	Vaux Voltage [V]	Vaux Max Current [mA]	Dim-to-Off	Warranty [years]
SUM-Mx	SUM-1K0S840MG	90 ~ 305	1000	84	149	0.672 ~ 8.4	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.0%	389	90	48.5	110,000	-40...70	UL FCC CE ENEC CB Global mark	12	250	Y	5
	SUM-1K0S21AMG	90 ~ 305	1000	34	54	1.85 ~ 21	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	389	90	48.5	110,000	-40...70	UL FCC CE ENEC CB	12	250	Y	5
	SUM-1K0S840MT	90 ~ 305	1000	84	149	0.672 ~ 8.4	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.0%	389	90	48.5	110,000	-40...70	UL FCC CE	12	250	Y	5
	SUM-1K0S21AMT	90 ~ 305	1000	34	54	1.85 ~ 21	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	389	90	48.5	110,000	-40...70	UL FCC CE	12	250	Y	5
	SUM-1K0S400MG	90 ~ 305	1000	175	312	0.32 ~ 4	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	389	90	48.5	110,000	-40...70	UL FCC CE ENEC CB Global mark	12	250	Y	5
	SUM-1K0S400MT	90 ~ 305	1000	175	312	0.32 ~ 4	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	389	90	48.5	110,000	-40...70	UL FCC CE	12	250	Y	5
	SUM-1K5S12AMG	90 ~ 305	1500	84	150	1 ~ 12.5	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.5%	464	90	48.5	104,000	-40...70	UL FCC CE ENEC CB CCC KC KCC Global mark	12	250	Y	5
	SUM-1K5S31AMG	90 ~ 305	1500	34	54	2.8 ~ 31.5	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.5%	464	90	48.5	104,000	-40...70	UL FCC CE ENEC CB KC	12	250	Y	5
	SUM-1K5S12AMT	90 ~ 305	1500	84	150	1 ~ 12.5	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.5%	464	90	48.5	104,000	-40...70	UL FCC CE	12	250	Y	5
	SUM-1K5S31AMT	90 ~ 305	1500	34	54	2.8 ~ 31.5	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.5%	464	90	48.5	104,000	-40...70	UL FCC CE	12	250	Y	5
	SUM-1K5S600MG	90 ~ 305	1500	175	375	0.4 ~ 6.0	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	464	90	48.5	104,000	-40...70	UL FCC CE ENEC CB CCC KC KCC Global mark	12	250	Y	5
	SUM-1K5S600MT	90 ~ 305	1500	175	375	0.4 ~ 6.0	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	464	90	48.5	104,000	-40...70	UL FCC CE	12	250	Y	5
SUM-MGS	SUM-760S15AMGS	90 ~ 305	760	34	54	1.4 ~15.8	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	390	108	48.5	102,000	-40...70	UL FCC CE CB	12	250	Y	5
	SUM-1K0S400MGS	90 ~ 305	1000	175	312	0.32 ~ 4	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	425	108	48.5	110,000	-40...70	UL FCC CE ENEC CB Global mark	12	250	Y	5
	SUM-1K0S840MGS	90 ~ 305	1000	84	149	0.672 ~ 8.4	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.0%	425	108	48.5	110,000	-40...70	UL FCC CE ENEC CB Global mark	12	250	Y	5
	SUM-1K0S20AMGS	90 ~ 305	1000	34	54	1.85 ~ 20	Wired Programming	66/67	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	425	108	48.5	110,000	-40...70	UL FCC CE ENEC CB	12	250	Y	5
SUM-MGR	SUM-760S15AMGR	90 ~ 305	760	34	54	1.4 ~15.8	Wired Programming	66	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	390	108	48.5	102,000	-40...70	UL FCC CE CB	-	-	Y	5
	SUM-1K0S400MGR	90 ~ 305	1000	175	312	0.32 ~ 4	Wired Programming	66	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.5%	425	108	48.5	110,000	-40...70	UL FCC CE ENEC CB Global mark	-	-	Y	5
	SUM-1K0S840MGR	90 ~ 305	1000	84	149	0.672 ~ 8.4	Wired Programming	66	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	95.0%	425	108	48.5	110,000	-40...70	UL FCC CE ENEC CB Global mark	-	-	Y	5
	SUM-1K0S20AMGR	90 ~ 305	1000	34	54	1.85 ~ 20	Wired Programming	66	Isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	96.0%	425	108	48.5	110,000	-40...70	UL FCC CE ENEC CB	-	-	Y	5
NFL-Mx	NFL-1K0S400MG	180 ~ 528	1000	150	500	0.2~4	Wired Programming	66/67	Non-isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	98.0%	309	90	43.5	120,000	-40...70	UL FCC CE ENEC	12	250	Y	5
	NFL-1K0S400MT	180 ~ 528	1000	150	500	0.2~4	Wired Programming	66/67	Non-isolated	6kV/10kV	0~10V/PWM/Resistor/3-Timer-Modes	Digital Dimming 1.0	-	I	98.0%	309	90	43.5	120,000	-40...70	UL FCC CE	12	250	Y	5
	NFL-100S050MF	180 ~ 528	100	333	500	0.033~0.5	Wired Programming	65	Non-isolated	6kV/6kV	0~10V/PWM/Resistor/3-Timer-Modes	-	-	I	94.0%	267	43.5	31.5	120,000	-40...70	UL FCC CE	12	250	Y	5
	NFL-100S050MG	180 ~ 528	100	333	500	0.033~0.5	Wired Programming	66/67	Non-isolated	6kV/6kV	0~10V/PWM/Resistor/3-Timer-Modes	-	-	I	94.0%	267	43.5	31.5	120,000	-40...70	UL FCC CE	12	250	Y	5
	NFL-100S050MT	180 ~ 528	100	333	500	0.033~0.5	Wired Programming	66/67	Non-isolated	6kV/6kV	0~10V/PWM/Resistor/3-Timer-Modes	-	-	I	94.0%	267	43.5	31.5	120,000	-40...70	UL FCC CE	12	250	Y	5

NOTES

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