

SIFxx-Iyyyy 120-277 series for Wire type and Terminal type

■ Features & benefits:

- Universal AC Input Voltage(120-277VAC)
- Linear form factor, Side feed, Metal sheet case
- Isolated 0-10V dimming
- Economic Design
- Suitable for indoor use
- Class 2 output
- Operating temperature: -25°C~+50°C
- Surge(DM:1KV, CM:2KV), Ringwave 2.5KV
- Comply with UL8750
- UL Class P



Terminal type



Wire type

■ Optional Function

- Aux power(12V 100mA) & dim to off
- Build in INT or CCT selection switch
- Flicker free(Comply with IEEE1789)

■ Model List:

Model Name	Rated Input Voltage	Max. Output Power	Output Current	Rated Output Voltage	AUX Power & Dim to off (Optional)	
					Flicker free type (Y/N)	High ripple type (Y/N)
SIF30-Iyyyy 120-277 z D1 F-a(b+c)	120-277V _{AC}	30W max.	420-800mA	30-42V _{DC}	Y/N	Y/N
SIF40-Iyyyy 120-277 z D1 F-a(b+c)	120-277V _{AC}	40W max.	630-1050mA	30-42V _{DC}	Y/N	Y/N
SIF50-Iyyyy 120-277 z D1 F-a(b+c)	120-277V _{AC}	50W max.	750-1250mA	30-42V _{DC}	Y/N	Y/N
SIF60-Iyyyy 120-277 z D1 F-a(b+c)	120-277V _{AC}	60W max.	840-1400mA	30-42V _{DC}	Y/N	Y/N

Note: Please see appendix for detailed model list.

Note:420mA at 30W needs to be tested separately.

Model name code:

S I F x x - I y y y y 1 2 0 - 2 7 7 z D 1 F - a (b + c)
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①	Series	30/40/50/60W Linear type series; xx: Output power
②	Output current	Output current
③	Input voltage	120-277: 120-277V _{AC}
④	The connection method	W: Wire type T: Terminal type
⑤	Dimming	D1: 0-10V Dimming
⑥	Case	The iron shell
⑦	CCT and output current(INT) selection switch	BLANK: No switch -S1: INT -S2: CCT S1+S2: INT+CCT
⑧	Ripple	W: Flicker free Y: High ripple, I _{OUT-RIPPLE} <30%
⑨	AUX power	S:12V/100mA BLANK: Without AUX power

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■ Specification:

Parameters	Symbols	Test Conditions / Comment	Min	Typ	Max	Units
INPUT						
Input Voltage	V_{IN}		108		305	V_{AC}
Rated Input Voltage	$V_{IN\ RATED}$		120		277	V_{AC}
Input Frequency	f_{line}	Full Load, $V_{IN} = 120V_{AC}$	47	50/60	63	Hz
Max. Input Current	I_{IN_Max}	SIF30-Iyyyy, Full Load, $V_{IN} = 120V_{AC}$			0.34	A
		SIF40-Iyyyy, Full Load, $V_{IN} = 120V_{AC}$			0.44	A
		SIF50-Iyyyy, Full Load, $V_{IN} = 120V_{AC}$			0.56	A
		SIF60-Iyyyy, Full Load, $V_{IN} = 120V_{AC}$			0.67	A
Inrush Current	I_{INRUSH}	Cold Start, $V_{IN} = 277V_{AC}$			45	A
Leakage Current	$I_{Leakage}$	$V_{IN} = 277V_{AC}$, 60Hz			0.75	mA
General Characteristics						
Power Factor	PF	60-100% load, $V_{IN} = 120V_{AC}$	0.95			PF
		60-100% load, $V_{IN} = 277V_{AC}$	0.9			
Total Harmonic Distortion	THD	60-100% load, $V_{IN} = 120V_{AC} - 277V_{AC}$			20	%
Efficiency	η_{120}	SIF30-I0800, Full load, $V_{IN} = 120V_{AC}$, High ripple type, Thermal balance	85	86		%
		SIF40-I1050, Full load, $V_{IN} = 120V_{AC}$, High ripple type, Thermal balance	85	86		%
		SIF50-I1250, Full load, $V_{IN} = 120V_{AC}$, High ripple type, Thermal balance	85	86		%
		SIF60-I1400, Full load, $V_{IN} = 120V_{AC}$, High ripple type, Thermal balance	85	86		%
	η_{277}	SIF30-I0800, Full load, $V_{IN} = 277V_{AC}$, High ripple type, Thermal balance	84	85		%
		SIF40-I1050, Full load, $V_{IN} = 277V_{AC}$, High ripple type, Thermal balance	84	85		%
		SIF50-I1250, Full load, $V_{IN} = 277V_{AC}$, High ripple type, Thermal balance	84	85		%
		SIF60-I1400, Full load, $V_{IN} = 277V_{AC}$, High ripple type, Thermal balance	84	85		%
Flicker free type is around 2% lower than high ripple type.						
Turn On Delay Time	T_{on_delay}	Cold Start, without dimmer			0.75	S
OUTPUT						
Output Current	I_{OUT}	SIF30-Iyyyy	420		800	mA
		SIF40-Iyyyy	630		1050	mA
		SIF50-Iyyyy	750		1250	mA
		SIF60-Iyyyy	840		1400	mA
Output current tolerance	t				5	%
Output Voltage	V_{OUT}		30		42	V
Output Power	P_{OUT}	SIF30-Iyyyy			30	W
		SIF40-Iyyyy			40	W
		SIF50-Iyyyy			50	W

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		SIF60-Iyyyy			60	W
Line Regulation	V _{OUT-LINE}				5	%
Load Regulation	I _{OUT-LOAD}	V _{OUT} from MIN. to MAX.			5	%
Ripple Current	I _{OUT-RIPPLE}	Full Load, (I _{omax} -I _{omin})/(I _{omax} +I _{omin}), Flicker free			10	%
		Full Load, (I _{omax} -I _{omin})/(I _{omax} +I _{omin}), High ripple			30	%
Output Current Overshoot	I _{OVERSHOOT}	Turning Power ON			10	%
INT(output current) selection(Optional)						
Built-in INT selection switch	3 positions					
CCT selection (Optional)						
Build in CCT selection switch	CCT1=Channel 1 on, Channel 2 off					
	CCT2=Channel 1 on, Channel 2 on					
	CCT3=Channel 1 off, Channel 2 on					
0~10V Dimming (Optional)						
The 0~10V or resistor dimming can be used to dim the output current via a standard commercial wall dimmer (0~10V _{DC}) or an external control voltage source (0~10V _{DC}).						
Dimming Curve	Linear. See "Dimming curve"					
Absolute Maximum Voltage on 0~10V Pin	V _{DIM}		0		10	V
Source Current on 0~10V Dimming Pin	I _{DIM}		200		500	uA
Output Current Range	I _{OUT}	Non dim to off version	10		100	%
		Dim to off version, Dim to off at V _{DIM} =0	0		100	%
Auxiliary source 12V (Optional)						
Output Voltage	V _{AUX}		11	12	13	Vdc
Output Current	I _{AUX}				100	mA
Protection						
Over Voltage Protection	V _{OVp}	It will recover automatically after fault conditions is removed.			60	V
Short Circuit Protection	It will recover automatically after fault conditions is removed.					
Environment						
Storage Temperature	T _{Storage}	Humidity: 5% RH to 95% RH	-40	-	+85	°C
Ambient Operating Temperature	T _a		-25	-	+50	°C
Max. Case Temperature	T _c				90	°C
Operating Relative Humidity	H _a	Non-Condensing	10		90	%
Acoustic Noise		Measured from 1 m away w/o dimmer.			24	dBA
Cooling	Convection Cooling					
IP Rating	Dry and damp UL approved					
Others						
Life Time	T _{Life}	Full Load, 90°C T _c V _{IN} = 120V _{AC}	50			kHrs

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MTBF	T _{MTBF}	Full Load, 25°C ambient temperature V _{IN} = 120V _{AC}	200			kHrs
Net Weight	W _{NET}			210		g
Warranty	5 Years Warranty at Tc ≤90°C					
Flicker	Title 24 and IEEE 1789(10% ripple version), Title 24(30% ripple version)					
Safety Compliance						
CUL/UL	UL8750, CAN/CSA-C22.2 No. 250.13					
Electromagnetic Compliance						
EMC Requirements	Standard	Conditions				
EMI Emissions	FCC Title 47 Part 15B	Class A				
Voltage Fluctuations and Flicker	IEC61000-3-3					
Immunity Compliance	IEC 61000-4-2	±8kV air Discharge, ±6kV Contact Discharge				
	IEC 61000-4-5 or ANSI/IEEE C62.41-2002	± 2kV Common and ± 1kV Differential Mode, test at 2 Ω, 5 strikes/1minute interval (40 total strikes)				
	ANSI/IEEE C62.41.1-2002	2.5kV Ring Wave, test at 30Ω 7 Strikes/1 minute interval, Common and Differential mode, 56 total strikes				
	IEC 61000-4-11	>95% dip, .5 period; 30% dip, 25 periods; 95% reduction, 250 periods				
	IEC 61000-4-4	± 2kV Direct couple to Line input, 5kHz repetition rate, 15mS duration, 300mS period. 7 coupling paths, 1 minute per path (14 total combinations)				
Note: Unless otherwise specified, all the above parameters are measured at ambient temperature of 25°C and rated voltage.						

■ **Typical Characteristics Curve:**

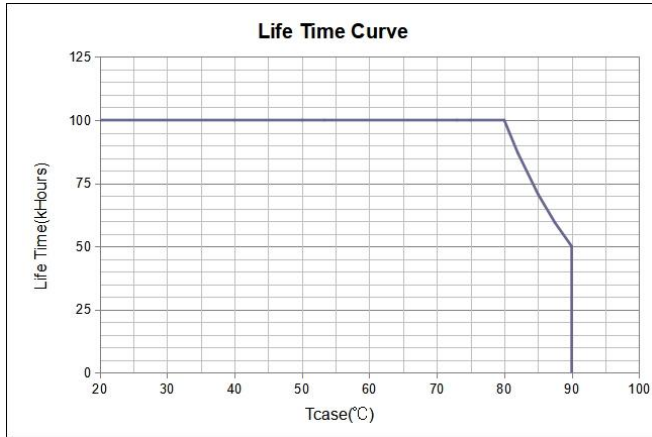


Fig.1 Life curve

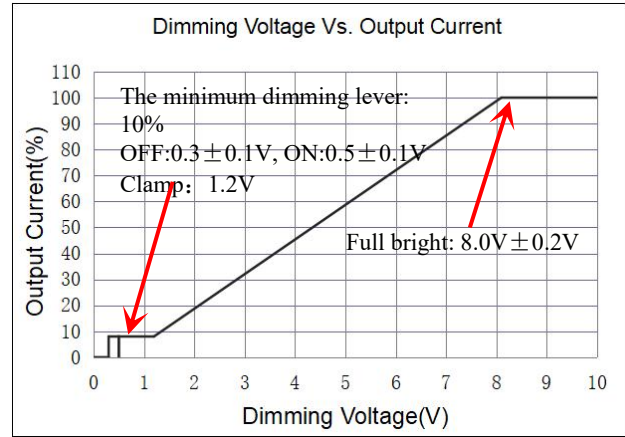


Fig.2 Dimming Curve(Dim to off type)

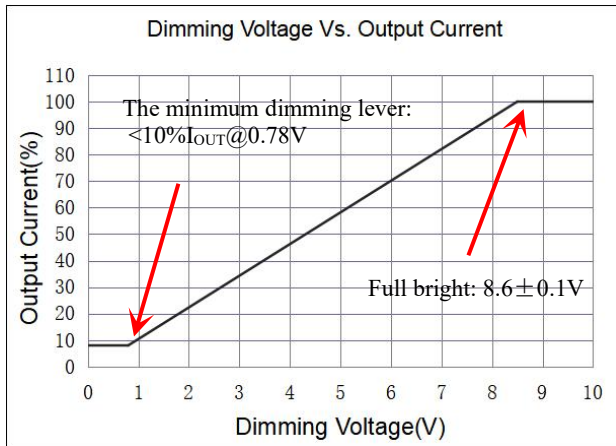


Fig.3 Dimming Curve(NON-Dim to off type)

■ Typical Application

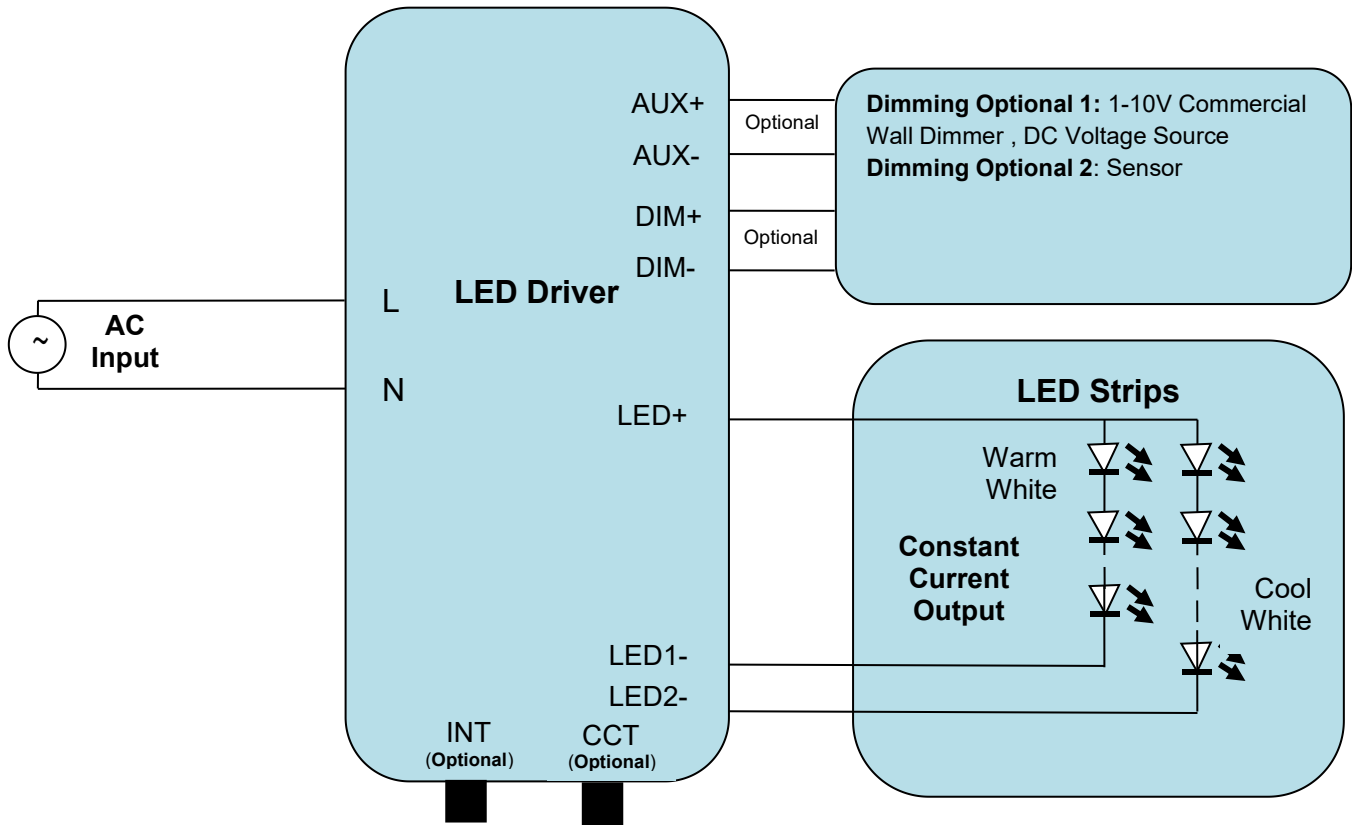


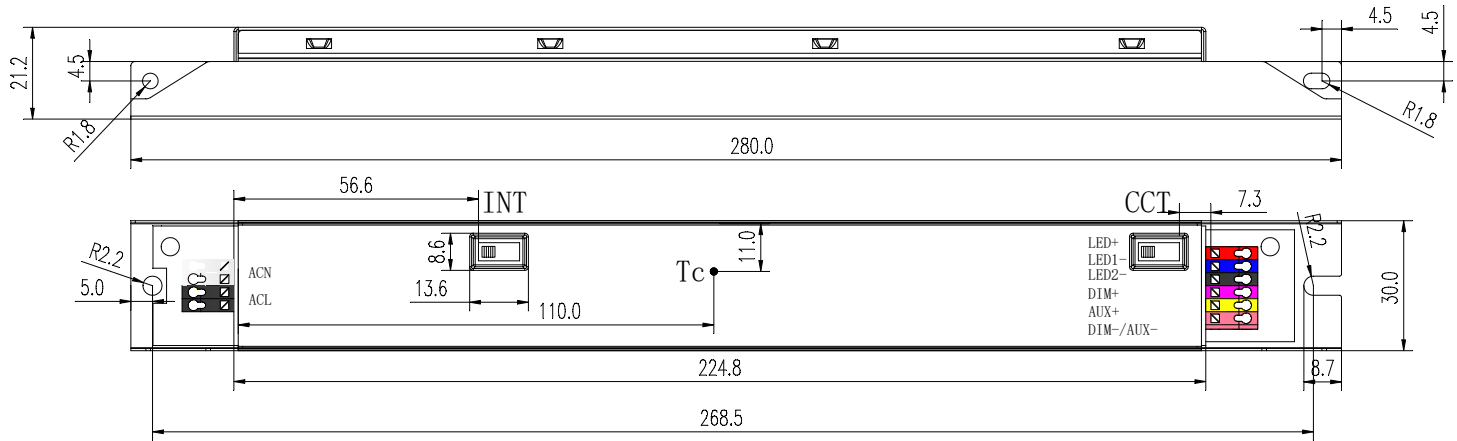
Fig. Typical Application

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■ **Mechanical Drawing for Terminal type:**

Dimensions(Unit:mm)

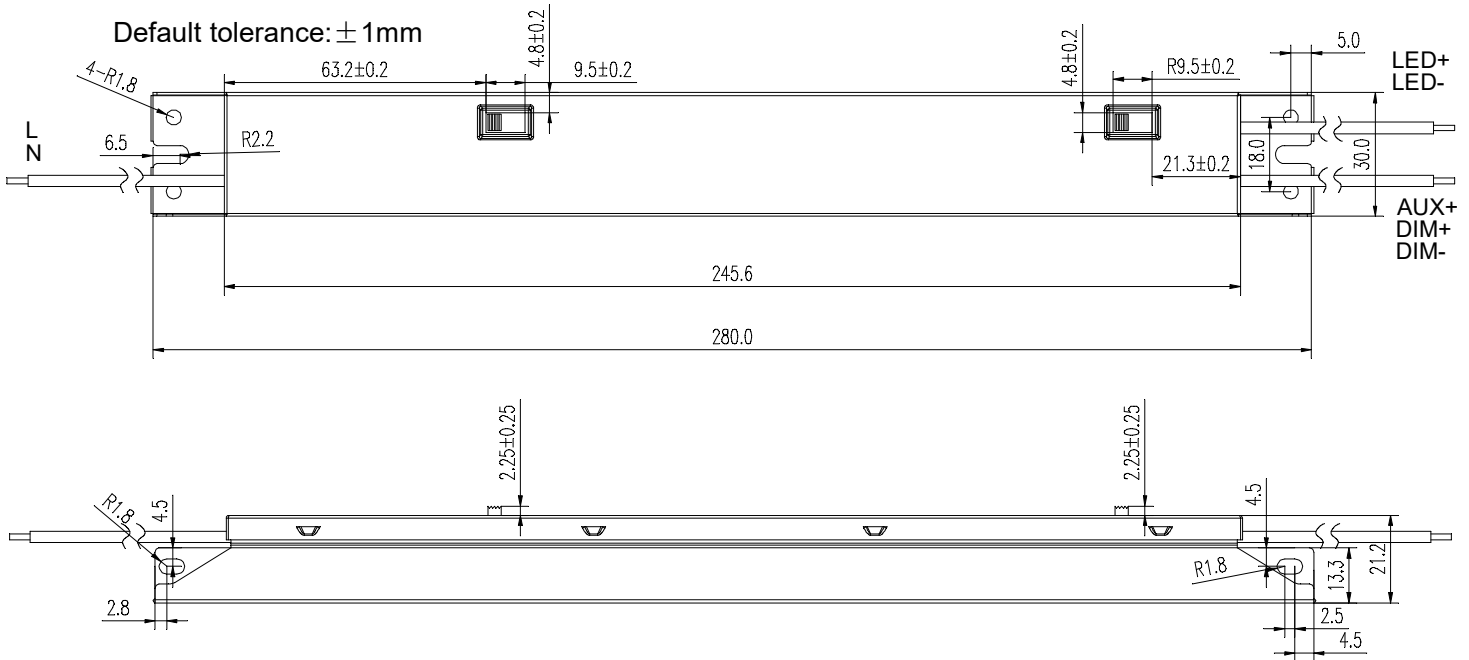
Default tolerance: ± 1 mm



■ **Mechanical Drawing for Wire type:**

Dimensions(Unit:mm)

Default tolerance: ± 1 mm





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Evertie P/N	Input voltage (VAC)	Input current (Max.A)	Output Voltage (V)	Output current (mA)			CCT (Y/N)	Efficiency 120/277V (min. %, full load)			Ripple Current (Max.%)	Input wire (WHI/BLK)	Output wire (RED/BLU) BLK(CCT ONLY)	Dimming wire (VLT/PNK)	AUX wire+ (YEL)	Termin al type	Date
SIF30-I0650/120-277/z/D1/F(W)	120-277	0.34	30-42	640			N	85 82			10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-8-5 2022-11-25
①SIF30-I0650/120-277/z/D1/F-S1S2(650/540/420)(W) ②VEL30065MVHDA-10V-P-MD-AD-3CCT-101	120-277	0.34	30-42	650	550	395	Y	84 83	84 82	84 80	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-8-9 2022-11-25
SIF40-I0850/120-277/z/D1/F(W)	120-277	0.44	30-42	875			N	85 83			10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-8-5 2022-11-25
SIF40-I0850/120-277/z/D1/F-S1S2(850/650/540)(W)	120-277	0.44	30-42	885	680	575	Y	85 83	86 82	85 81	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-8-9 2022-11-25
①SIF40-I1000/120-277/z/D1/F-S1S2(1000/850/750)(W) ②VEL40100MVHDA-10V-P-MD-AD-3CCT-101	120-277	0.44	30-40	970	830	745	Y	85 84	86 83	85 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-8-5 2022-11-25
SIF50-I1100/120-277/z/D1/F-S1S2(1100/900/700)(W)	120-277	0.56	30-42	1030	870	700	Y	85 83	85 83	85 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-8-5 2022-11-25
①SIF50-I1200/120-277/z/D1/F-S1S2(1200/1000/850)(W) ②VEL50120MVHDA-10V-P-MD-AD-3CCT-101	120-277	0.56	30-41.5	1190	1025	865	Y	84 84	85 84	85 83	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-8-9 2022-11-25
SIF60-I1400/120-277/z/D1/F(W)	120-277	0.67	30-42	1370			N	83 83			10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-8-5 2022-11-25
SIF60-I1400/120-277/z/D1/F-S1S2(1400/1300/1200)(W)	120-277	0.67	30-42	1380	1285	1185	Y	83 84	83 84	84 84	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-8-5 2022-11-25
SIF40-I0900/120-277/z/D1/F(W)(-f)	120-277	0.44	30-42	875			N	85 84			10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 290mm Strand Wire	20AWG, 600V, 600mm Strand Wire	NA	Y	2022-9-14
SIF50-I1100/120-277/z/D1/F-S1S2(1100/900/700)(W)(-f)	120-277	0.56	30-42	1030	870	700	Y	85 83	85 83	85 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 290mm Strand Wire	20AWG, 600V, 600mm Strand Wire	NA	Y	2022-9-14
SIF60-I1400/120-277/z/D1/F-S1S2(1400/1300/1200)(W)(-f)	120-277	0.67	30-42	1380	1285	1185	Y	83 84	83 84	84 84	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 290mm Strand Wire	20AWG, 600V, 600mm Strand Wire	NA	Y	2022-9-14
SIF50-I1100/120-277/z/D1/F-S1S2(1100/900/700)(W+S)	120-277	0.56	30-42	1025	865	695	Y	85 83	85 83	85 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	20AWG, 600V, 500mm Strand Wire	Y	2022-9-14 2022-11-25
SIF40-I1000/120-277/z/D1/F-S1S2(1000/850/750)(W+S)	120-277	0.44	30-40	970	830	745	Y	85 83	85 83	85 83	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	20AWG, 600V, 500mm Strand Wire	Y	2022-9-14 2022-11-25
SIF30-I0650/120-277/z/D1/F-S1S2(650/540/420)(W+S)	120-277	0.34	30-42	635	535	390	Y	84 82	83 81	83 80	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	20AWG, 600V, 500mm Strand Wire	Y	2022-10-29 2022-11-25
SIF30-I0700/120-277/z/D1/F-S2(W)(-f)	120-277	0.34	30-42	700			Y	84 82			10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 290mm Strand Wire	20AWG, 600V, 600mm Strand Wire	NA	Y	2022-10-29
SIF30-I0550/120-277/z/D1/F-S1S2(550/450/350)(W)	120-277	0.34	30-42	530	430	325	Y	84 82	83 81	82 80	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-11-8 2022-11-25
SIF30-I0550/120-277/z/D1/F-S1S2(550/450/350)(W+S)	120-277	0.34	30-42	520	420	310	Y	83 82	83 81	82 80	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	20AWG, 600V, 500mm Strand Wire	Y	2022-11-8 2022-11-25
SIF50-I1100/120-277/z/D1/F-S1S2(1100/900/700)(W+S)(-f)	120-277	0.56	30-42	1025	865	695	Y	85 83	85 83	85 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 290mm Strand Wire	20AWG, 600V, 600mm Strand Wire	20AWG, 600V, 300mm Strand Wire	Y	2022-11-8
SIF50-I1200/120-277/z/D1/F-S1S2(1200/1000/750)(W+S)	120-277	0.56	30-41.5	1180	995	740	Y	85 83	85 83	85 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	20AWG, 600V, 500mm Strand Wire	Y	2022-11-8
①SIF40-I0850/120-277/z/D1/F-S1S2(850/700/500)(W) ②ESL-DSIML-36W-INO-42-850	120-277	0.44	30-42	880	670	500	Y	85 83	85 83	85 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-11-8
SIF30-I0750/120-277/z/D1/F-S1S2(750/650/540)(W)	120-277	0.34	30-40	750	650	540	Y	85 83	84 83	83 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-11-25
SIF40-I0850/120-277/z/D1/F-S1S2(850/650/540)(W+S)	120-277	0.44	30-42	885	680	575	Y	84 82	85 82	84 81	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	20AWG, 600V, 500mm Strand Wire	Y	2022-11-25
SIF60-I1400/120-277/z/D1/F-S1S2(1400/1300/1200)(W+S)	120-277	0.67	30-42	1380	1280	1180	Y	85 85	85 85	85 85	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	20AWG, 600V, 500mm Strand Wire	Y	2022-11-25



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Evertie P/N	Input voltage (VAC)	Input current (Max.A)	Output Voltage (V)	Output current (mA)			CCT (Y/N)	Efficiency 120/277V (min. %, full load)			Ripple Current (Max.%)	Input wire (WHI/BLK)	Output wire (RED/BLU) BLK(CCT ONLY)	Dimming wire (VLT/PNK)	AUX wire+ (YEL)	Terminal type	Date
SIF30-I0750/120-277/z/D1/F(W)(g)	120-277	0.34	30-40	750			N	86 85			10%	18AWG, 600V, 250mm Strand Wire	20AWG, 300V, 1000mm Strand Wire	20AWG, 600V, 250mm Strand Wire	NA	Y	2022-12-13
SIF50-I1100/120-277/z/D1/F(W)(g)	120-277	0.56	30-42	1100			N	86 86			10%	18AWG, 600V, 250mm Strand Wire	20AWG, 300V, 1000mm Strand Wire	20AWG, 600V, 250mm Strand Wire	NA	Y	2022-12-13
SIF30-I0800/120-277/z/D1/F-S1S2(800/650/550)(W)	120-277	0.34	30-37.5	800	650	550	Y	85 83	84 83	83 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-12-19
SIF40-I0900/120-277/z/D1/F-S1S2(900/750/600)(W)	120-277	0.44	30-42	900	750	600	Y	85 83	85 82	84 81	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-12-19
SIF40-I0950/120-277/z/D1/F-S1S2(950/800/630)(W)	120-277	0.44	30-42	950	800	630	Y	85 83	85 82	84 81	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-12-19
SIF50-I1200/120-277/z/D1/F-S1S2(1200/1000/850)(W+S)	120-277	0.56	30-41.5	1200	1000	850	Y	85 83	85 83	85 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	20AWG, 600V, 500mm Strand Wire	Y	2022-12-19
SIF50-I1250/120-277/z/D1/F-S1S2(1250/1050/900)(W)	120-277	0.56	30-40	1250	1050	900	Y	85 83	85 83	85 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2022-12-19
SIF40-I0900/120-277/z/D1/F-S1S2(900/750/600)(W)(-f)	120-277	0.44	30-42	900	750	600	Y	85 83	85 82	84 81	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 290mm Strand Wire	20AWG, 600V, 600mm Strand Wire	NA	Y	2022-12-19
ESL-DSIMF-50W-IN0-42-1100	120-277	0.56	30-42	1030	870	700	Y	85 83	85 83	85 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 290mm Strand Wire	20AWG, 600V, 600mm Strand Wire	NA	N	2023-1-10
ESL-DSIMF-40W-IN0-42-1000	120-277	0.44	30-40	970	830	745	Y	85 84	86 83	85 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	N	2023-1-10
SIF40-I1000/120-277/z/D1/F(W)	120-277	0.44	30-40	1000			N	85 83			10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2023-1-12
SIF50-I1250/120-277/z/D1/F-S1(1250/1150/1050)(W)	120-277	0.56	30-40	1250	1150	1050	N	85 83	85 83	85 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2023-1-12
SIF30-I0650/120-277/z/D1/F-S1S2(650/540/450)(Y)	120-277	0.34	30-42	650	540	450	Y	84 83	84 82	84 80	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2023-1-12
SIF40-I0950/120-277/z/D1/F-S1S2(950/850/750)(Y)	120-277	0.44	30-42	950	850	750	Y	85 83	85 82	84 81	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2023-1-12
SIF30-I0800/120-277/z/D1/F-S1S2(800/650/550)(W+S)	120-277	0.34	30-37.5	800	650	550	Y	84 82	83 82	82 80	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	20AWG, 600V, 500mm Strand Wire	Y	2023-1-12
SIF40-I0950/120-277/z/D1/F-S1S2(950/800/630)(W+S)	120-277	0.44	30-42	950	800	630	Y	85 83	85 82	84 81	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	20AWG, 600V, 500mm Strand Wire	Y	2023-1-12
SIF50-I1250/120-277/z/D1/F-S1S2(1250/1050/900)(W+S)	120-277	0.56	30-40	1250	1050	900	Y	85 83	85 83	85 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	20AWG, 600V, 500mm Strand Wire	Y	2023-1-12
SIF40-I1000/120-277/z/D1/F-S1S2(1000/850/750)(W+O)	120-277	0.44	30-40	970	830	745	Y	85 83	85 83	85 83	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	NA	Y	2023-2-7
SIF60-I1400/120-277/z/D1/F-S1S2(1400/1200/1000)(W+S)	120-277	0.67	30-42	1400	1200	1000	Y	85 85	85 85	85 85	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 500mm Strand Wire	20AWG, 600V, 560mm Strand Wire	20AWG, 600V, 500mm Strand Wire	Y	2023-2-7

Note: "z" , W: Wire type; T: Terminal type.

Note: "VELxxx" :Wire type.

Note: All models in the table comply with the input power within $\pm 10\%$ of the declared power.