



# Specification For 20~50 Watts LED Driver

## Model Name: SIFxx-Iyyyy 120-277

### Revision: R2.9

#### Revision History:

No.	Revise Description	Rev.	Date
1	Released	R1.0	2022-03-28
2	Modifv the output voltage	R1.1	2022-4-12
3	Added model	R1.2	2022-4-18
4	Added model and Added the voltage range of	R1.3	2022-5-13
5	Added model ALEO	R1.4	2022-5-18
6	Added model	R1.5	2022-5-19
7	Added model	R1.6	2022-5-24
8	Added model	R1.7	2022-5-26
9	Correction 32W to 30W	R1.8	2022-5-30
10	Added model	R1.9	2022-6-7
11	Revised data	R2.0	2022-6-14
12	Added model	R2.1	2022-6-29
13	Added model	R2.2	2022-7-1
14	Added model	R2.3	2022-10-9
15	Added model	R2.4	2022-11-8
16	Added model	R2.5	2022-11-17
17	Added model	R2.6	2022-11-25
18	Added model	R2.7	2022-12-19
19	Added model	R2.8	2023-1-12
20	Added model	R2.9	2023-2-8

Prepared By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Approved By: \_\_\_\_\_

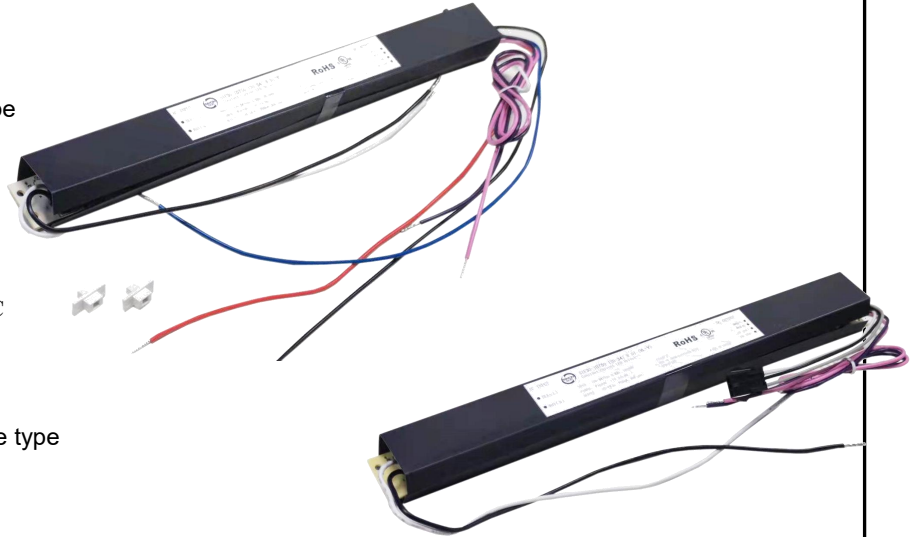
**SIFxx-Iyyyy 120-277 series for troffer and panel light**

■ **Features & benefits:**

- Universal AC Input Voltage
- Linear form factor, Side feed, PP tube
- Isolated 0-10V dimming
- Economic Design
- Suitable for indoor use
- Class 2 output
- Operating temperature: -25°C~+55°C
- Comply with UL8750

■ **Optional Function**

- Aux power & dim to off for flicker free type
- Build in INT or CCT selection switch
- Flicker free



■ **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)
SIF20-Iyyyy 120-277 W D1-z(ML+c+d+e)	120-277V <sub>AC</sub>	21.6W max.	350-540mA	30-42V <sub>DC</sub>	Y/N	Y/N
SIF30-Iyyyy 120-277 W D1-z(ML+c+d+e)	120-277V <sub>AC</sub>	30W max.	420-800mA	30-42V <sub>DC</sub>	Y/N	Y/N
SIF40-Iyyyy 120-277 W D1-z(ML+c+d+e)	120-277V <sub>AC</sub>	40W max.	500-1050mA	30-42V <sub>DC</sub>	Y/N	Y/N
SIF50-Iyyyy 120-277 W D1-z(ML+c+d+e)	120-277V <sub>AC</sub>	50W max.	650-1250mA	30-42V <sub>DC</sub>	Y/N	Y/N

Note: Please see appendix for detailed model list.

**Model name code:**

S I F x x - I y y y y 1 2 0 - 2 7 7 W D 1 - z ( a b + c + d + e )  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

①	Series	20/30/40/50W Linear type series; xx: Output power
②	Output current	Output current
③	Input voltage	120-277: 120-277V <sub>AC</sub>
④	Wire	W: Wire type
⑤	Dimming	D1: 0-10V Dimming
⑥	CCT and output current(INT) selection switch	BLANK: No switch
		-S1: INT
		-S2: CCT
⑦	Case	S1+S2: INT+CCT
		BLANK: Open Frame
⑧	AUX power	ML: Mylar Case
		S:12V/100mA
⑨	Ripple	BLANK: Without AUX power
		W: Flicker free
⑩	Internal Code	Y: High ripple, I <sub>OUT- RIPPLE</sub> <30%



## ■ Specification:

Parameters	Symbols	Test Conditions / Comment	Min	Typ	Max	Units
<b>INPUT</b>						
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	$I_{IN\_Max}$	SIF20-Iyyyy, Full Load, $V_{IN} = 120V_{AC}$			0.22	A
		SIF30-Iyyyy, Full Load, $V_{IN} = 120V_{AC}$			0.35	A
		SIF40-Iyyyy, Full Load, $V_{IN} = 120V_{AC}$			0.42	A
		SIF50-Iyyyy, Full Load, $V_{IN} = 120V_{AC}$			0.54	A
Inrush Current	$I_{INRUSH}$	Cold Start, $V_{IN} = 277V_{AC}$			75	A
Leakage Current	$I_{Leakage}$	$V_{IN} = 277V_{AC}$ , 60Hz			0.75	mA
<b>General Characteristics</b>						
Power Factor	PF	Full load, $V_{IN} = 120V_{AC}$	0.95			PF
		Full load, $V_{IN} = 277V_{AC}$	0.9			
Total Harmonic Distortion	THD	Full load, $V_{IN} = 120V_{AC}$			20	%
		Full load, $V_{IN} = 277V_{AC}$			20	
Efficiency	Please see model list for details.					
Turn On Delay Time	$T_{on\_delay}$	Cold Start, without dimmer			0.75	S
<b>OUTPUT</b>						
Output Current	$I_{OUT}$	SIF20-Iyyyy	350		540	mA
		SIF30-Iyyyy	420		800	mA
		SIF40-Iyyyy	500		1050	mA
		SIF50-Iyyyy	650		1250	mA
Output current tolerance	t				5	%
Output Voltage	$V_{OUT}$		30		42	V
Output Power	$P_{OUT}$	SIF20-Iyyyy			21.6	W
		SIF30-Iyyyy			30	W
		SIF40-Iyyyy			40	W
		SIF50-Iyyyy, See "Operating window"			50	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	%
<b>INT(output current) selection(Optional)</b>						
Built-in INT selection switch	3 positions					

**SIFxx-Iyyyy 120-277 series for troffer and panel light**

<b>CCT selection (Optional)</b>						
Build in CCT selection switch	CCT1=CW on, WW off					
	CCT2=CW on, WW on					
	CCT3=CW off, WW on					
<b>0~10V Dimming (Optional)</b>						
The 0~10V or resistor dimming can be used to dim the output current via a standard commercial wall dimmer (0~10V <sub>DC</sub> ) or an external control voltage source (0~10V <sub>DC</sub> ).						
Dimming Curve	Linear. See "Dimming curve"					
Absolute Maximum Voltage on 0~10V Pin	V <sub>DIM</sub>		0		10	V
Source Current on 0~10V Dimming Pin	I <sub>DIM</sub>		200		500	uA
Output Current Range	I <sub>OUT</sub>	Non dim to off version	10		100	%
		Dim to off version, Dim to off at V <sub>DIM</sub> =0	0		100	%
<b>Auxiliary source 12V (Optional)</b>						
Output Voltage	V <sub>AUX</sub>		11	12	13	Vdc
Output Current	I <sub>AUX</sub>				100	mA
<b>Protection</b>						
Over Voltage Protection	V <sub>OVp</sub>	It will recover automatically after fault conditions is removed.			55	V
Short Circuit Protection	It will recover automatically after fault conditions is removed.					
<b>Environment</b>						
Storage Temperature	T <sub>Storage</sub>	Humidity: 5% RH to 95% RH	-40	-	+85	°C
Ambient Operating Temperature	T <sub>a</sub>		-25	-	+55	°C
Max. Case Temperature	T <sub>c</sub>	Hot spot on the PP tube			85	°C
Operating Relative Humidity	H <sub>a</sub>	Non-Condensing	10		90	%
Acoustic Noise		Measured from 1 m away.			24	dB(A)
Cooling	Convection Cooling					
IP Rating	Dry and damp UL approved					
<b>Others</b>						
Life Time	T <sub>Life</sub>	Full Load, 85°C T <sub>c</sub> V <sub>IN</sub> = 120V <sub>AC</sub>	50			kHrs
MTBF	T <sub>MTBF</sub>	Full Load, 25°C ambient temperature V <sub>IN</sub> = 120V <sub>AC</sub>	200			kHrs
Net Weight	W <sub>NET</sub>	SIF20-Iyyyy and SIF30-Iyyyy		113		g
		SIF40-Iyyyy and SIF50-Iyyyy		122		g
Warranty	50KHrs Warranty at T <sub>c</sub> ≤ 85°C					
Flicker	Title 24					
<b>Safety Compliance</b>						
CUL/UL	UL8750, CAN/CSA-C22.2 No. 250.13					
<b>Electromagnetic Compliance</b>						

**SIFxx-Iyyyy 120-277 series for troffer and panel light**

EMC Requirements	Standard	Conditions
EMI Emissions	FCC Title 47 Part 15B	Class B at 120V <sub>AC</sub> , Class A at 277V <sub>AC</sub> & 347V <sub>AC</sub>
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	± 1kV, 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:**

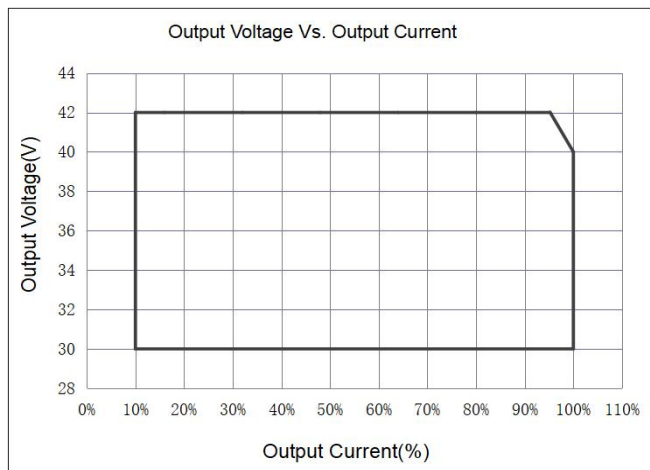


Fig.1 Operating window(SIF50-I1250)

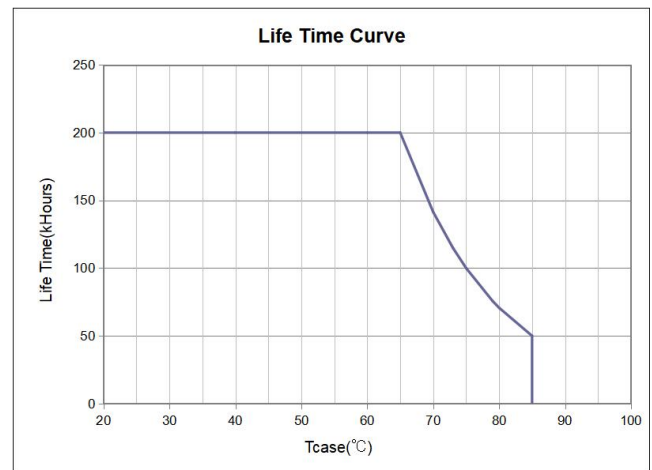


Fig.2 Life curve

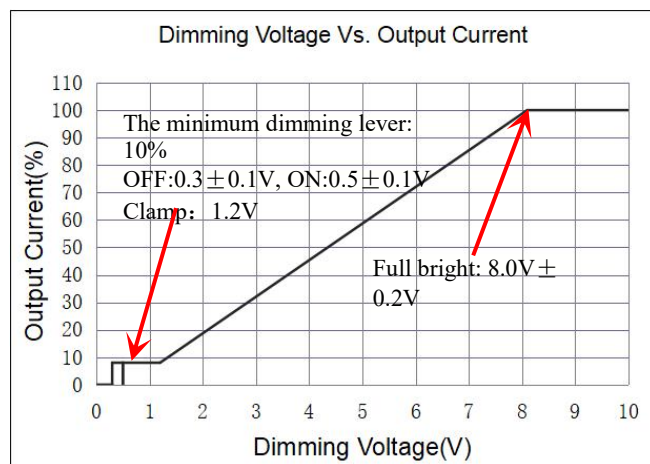


Fig.3 Dimming Curve(Dim to off type)

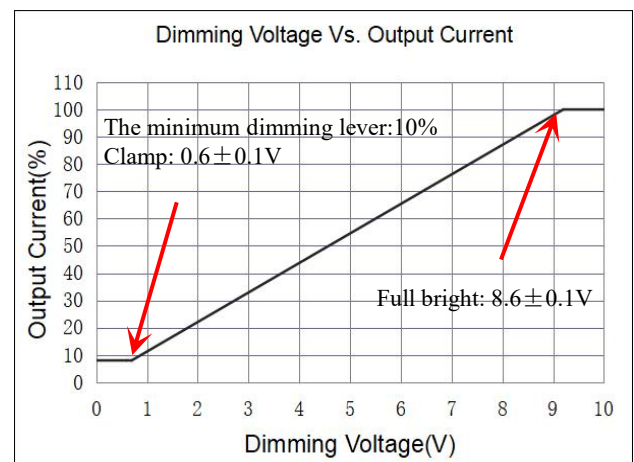


Fig.4 Dimming Curve(Non-dim to off type)

■ Typical Application

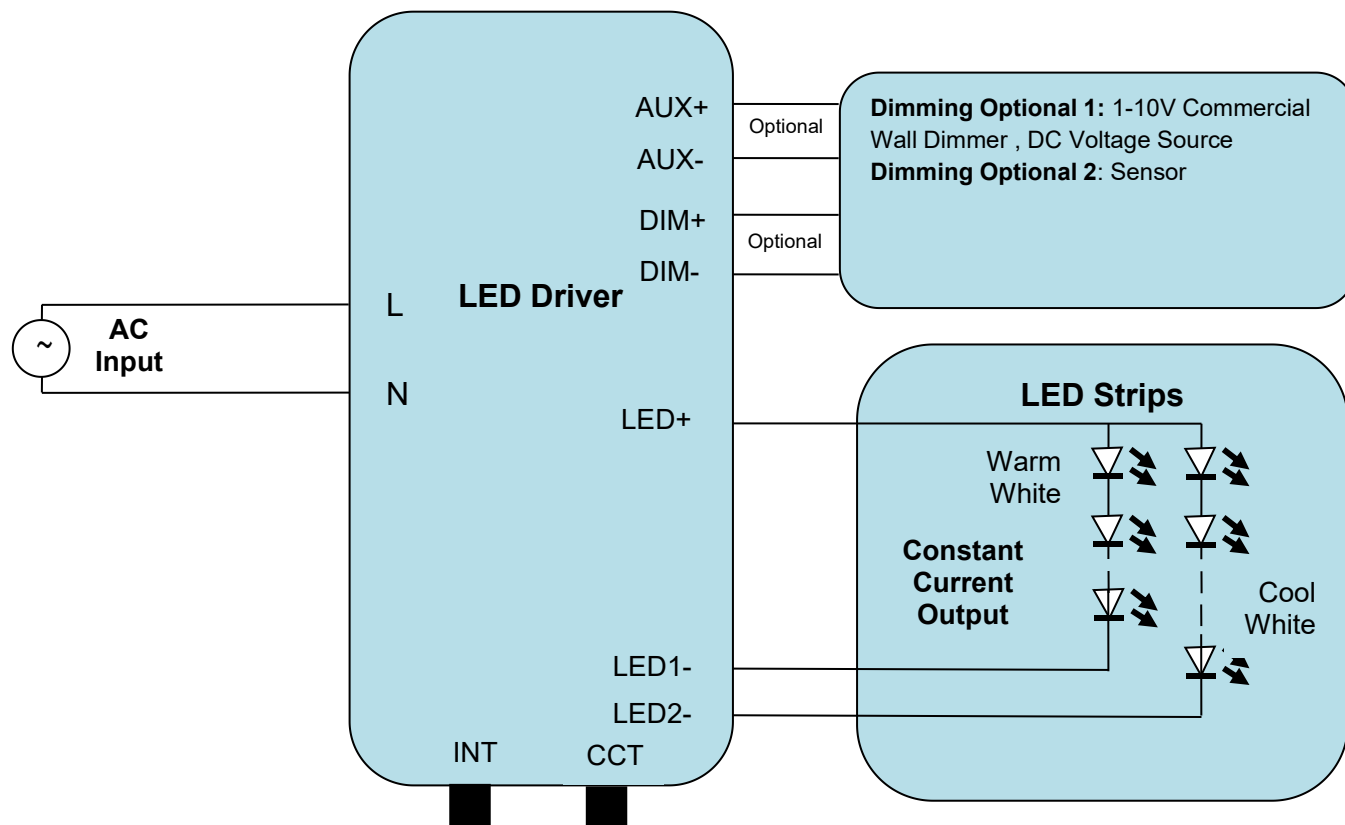


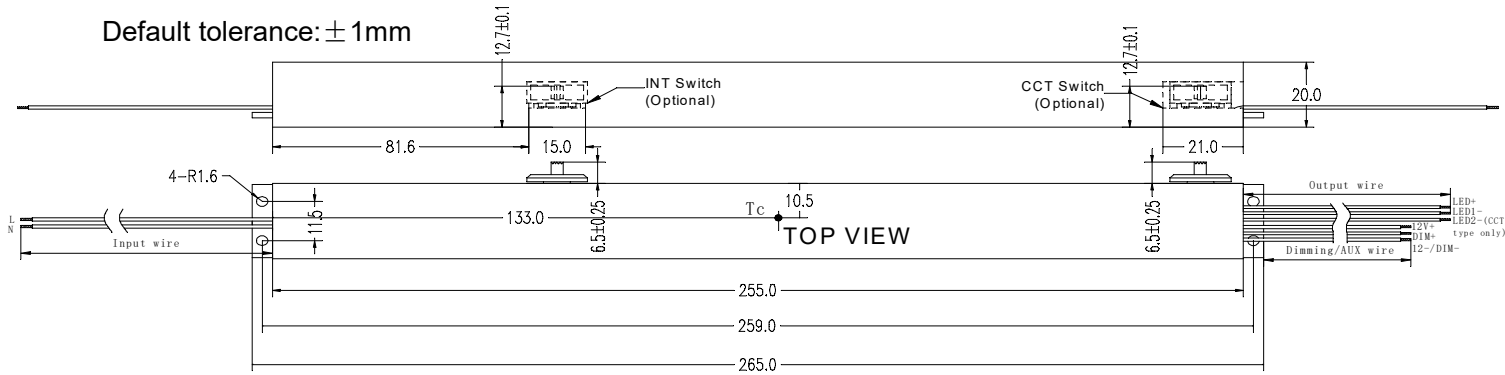
Fig. Typical Application

**SIFxx-Iyyyy 120-277 series for troffer and panel light**

**Mechanical Drawing for troffer:**

Dimensions(Unit:mm)

Default tolerance: ± 1mm



**Appendix A: Model list for troffer(Updating)**

Ever-tie P/N	Input voltage (VAC)	Input current (Max. A)	Output Voltage (V)	Output current (mA)			CCT (Y/N)	Efficiency(120V/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)	Note	Date
SIF50-11200/120-277/W/D1(ML+W)	120-277	0.54	30-41.5	1200			N	86/86			10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	NA	
①SIF30-10650/120-277/W/D1-S1S2(ML+W)(650/540/450) ②PRC30UDL-A0650S1S2(650/540/450) ③SIF30-10650/120-277/W/D1-S1S2(ML+W)(O)(650/540/450)	120-277	0.35	30-42	655	545	440	Y	86 84	86 83	86 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIF30-10750/120-277/W/D1-S1S2(ML+W)(750/650/540)	120-277	0.35	30-40	750	650	540	Y	86 85	86 84	86 83	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIF30-10750/120-277/W/D1-S1S2(ML+Y)(750/650/540)	120-277	0.35	30-40	790	685	570	Y	88 86	88 85	88 84	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIF40-10850/120-277/W/D1-S1S2(ML+W)(850/750/650)	120-277	0.42	30-42	850	750	650	Y	86 83.5	86 83	86 83	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIF40-10950/120-277/W/D1-S1S2(ML+W+S)(950/850/750)	120-277	0.42	30-42	960	860	760	Y	84 83	84 83	84 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	20AWG, 600V, 550mm Strand Wire	CAP*2	
SIF50-11150/120-277/W/D1-S1S2(ML+W+S)(1150/900/700)	120-277	0.54	30-42	1150	900	700	Y	86 86	84.5 83	84 83	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	20AWG, 600V, 550mm Strand Wire	CAP*2	
①SIF40-10950/120-277/W/D1-S1S2(ML+W)(950/850/750) ②PRC40UDL-A0950S1S2(950/850/750)	120-277	0.42	30-42	960	850	750	Y	86 86	86 85	86 85	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIF40-10900/120-277/W/D1-S1S2(ML+W+S)(900/700/550)	120-277	0.42	30-42	900	700	545	Y	86 85	84 83.5	84 82.5	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	20AWG, 600V, 550mm Strand Wire	CAP*2	
SIF30-10650/120-277/W/D1-S1S2(ML+W+S)(650/540/450)	120-277	0.35	30-42	650	540	450	Y	85 82.5	85 81.5	84 80	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	20AWG, 600V, 550mm Strand Wire	CAP*2	
SIF30-10750/120-277/W/D1-S1S2(ML+W+S)(750/650/540)	120-277	0.35	30-40	750	650	540	Y	85 84	85 82	84 81	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	20AWG, 600V, 550mm Strand Wire	CAP*2	
SIF30-10650/120-277/W/D1-S1(ML+W)(650/580/480)	120-277	0.35	30-42	650	580	480	Y	85 83	85 82.5	85 81	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIF40-10950/120-277/W/D1-S1(ML+W)(950/800/630)	120-277	0.42	30-42	950	800	630	Y	85 84	85 84	85 83	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIL40-10950/120-277/W/D1-S1S2(ML+Y)(950/800/700)	120-277	0.42	30-42	950	800	700	Y	87.5 85.5	87.5 85	88 84	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIL50-11250/120-277/W/D1-S1S2(ML+Y)(1250/1150/1050)	120-277	0.54	30-40	1250	1150	1050	Y	88 88	88 87	87.5 86.5	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIF40-10850/120-277/W/D1-S1S2(ML+Y)(850/750/650)	120-277	0.42	30-42	890	787	681	Y	87 84	87 83	87 83	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIF50-11100/120-277/W/D1-S1S2(ML+W)(1100/950/750)	120-277	0.54	30-42	1100	950	750	Y	85 85	85 84	85 83.5	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	



Ever-tie P/N	Input voltage (VAC)	Input current (Max. A)	Output Voltage (V)	Output current (mA)			CCT (Y/N)	Efficiency(120V/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)	Note	Date
SIF30-10650/120-277/W/D1-S1S2(ML+Y)(650/540/450)	120-277	0.35	30-42	655	545	440	Y	87 85	87 83	87 82	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIF40-10950/120-277/W/D1-S1S2(ML+Y)(950/850/750)	120-277	0.42	30-42	960	850	750	Y	86 84	86 83.5	87 82.5	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIF30-10650/120-277/W/D1-S1S2(ML+W)(650/580/480)(PRC3 OUDL-A0650S1S2)	120-277	0.35	30-42	650	580	480	Y	85 83	85 82.5	85 81	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIF40-10950/120-277/W/D1-S1S2(ML+W)(950/800/630)(PRC4 OUDL-A0950S1S2)	120-277	0.42	30-42	950	800	630	Y	85 84	85 84	85 83	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIF30-10750/120-277/W/D1-S1S2(ML+W)(UGR)(750/650/540)	120-277	0.35	30-40	735	650	540	Y	86 85	86 84	86 83	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	
SIF30-10750/120-277/W/D1(ML+Y)	120-277	0.35	30-40	750			Y	88/86			30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	NA	
SIF30-10650/120-277/W/D1(ML+Y)	120-277	0.35	30-42	650			Y	88/86			30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	NA	
SIF30-10650/120-277/W/D1-S1S2(ML+W+S)(650/540/450)(AL EO)	120-277	0.35	30-42	650	540	450	Y	85 82.5	85 81.5	84 80	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	22AWG, 300V, 400mm Strand Wire		CAP*2	2022-5-18
SIF30-10750/120-277/W/D1-S1S2(ML+W+S)(750/650/540)(AL EO)	120-277	0.35	30-40	750	650	540	Y	85 84	85 82	84 81	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	22AWG, 300V, 400mm Strand Wire		CAP*2	2022-5-18
SIF30-10750/120-277/W/D1-S1S2(ML+Y+S)(750/650/540)	120-277	0.35	30-40	750	650	540	Y	88 86	88 85	88 84	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	20AWG, 600V, 550mm Strand Wire	CAP*2	2022-5-24
SIF40-10950/120-277/W/D1-S1S2(ML+Y+S)(950/850/750)	120-277	0.42	30-42	950	850	750	Y	86 84	86 83.5	87 82.5	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	20AWG, 600V, 550mm Strand Wire	CAP*2	2022-5-24
SIF30-10650/120-277/W/D1-S1S2(ML+Y)(K)(650/540/450)	120-277	0.35	30-42	655	545	440	Y	87 85	87 83	87 82	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	NA	2022-6-7
SIF40-10950/120-277/W/D1-S1S2(ML+Y)(K)(950/850/750)	120-277	0.42	30-42	995	875	776	Y	86 84	86 83.5	87 82.5	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	NA	2022-6-7
SIF40-10950/120-277/W/D1(ML+Y)	120-277	0.42	30-42	1000			N	88 86			30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	NA	2022-6-7
SIF30-10750/120-277/W/D1-S1S2(ML+Y+S)(P)(750/650/540)	120-277	0.35	30-40	750	650	540	Y	88 86	88 85	88 84	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	24AWG, 80°C, 300V, 400mm Strand Wire		CAP*2	2022-6-29
SIF40-10950/120-277/W/D1-S1S2(ML+Y+S)(P)(950/850/750)	120-277	0.42	30-42	950	850	750	Y	86 84	86 83.5	87 82.5	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	24AWG, 80°C, 300V, 400mm Strand Wire		CAP*2	2022-6-29
SIF50-11100/120-277/W/D1-S1S2(ML+Y)(1100/950/750)	120-277	0.54	30-42	1100	950	750	Y	88 87	88 86	88 85	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	2022-7-1
SIF30-10540/120-277/W/D1(ML+W)	120-277	0.35	30-42	540			N	86/82			10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	NA	2022-7-1
SIF30-10750/120-277/W/D1(ML+W)	120-277	0.35	30-42	750			N	86/83			10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	NA	2022-7-1
SIF40-11000/120-277/W/D1-S1S2(ML+W)(1000/850/750)	120-277	0.42	30-40	1000	850	750	Y	85 84	85 84	85 83	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	2022-10-9
SIF30-10650/120-277/W/D1-S1S2(ML+W+S)(650/540/450)(P)	120-277	0.35	30-42	650	540	450	Y	85 82.5	85 81.5	84 80	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	24AWG, 80°C, 300V, 400mm Strand Wire		CAP*2	2022-10-13
SIF30-10650/120-277/W/D1-S1S2(ML+W+S)(650/540/450)(K)	120-277	0.35	30-42	650	540	450	Y	85 82.5	85 81.5	84 80	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	2022-10-13
①SIF40-10950/120-277/W/D1-S1S2(ML+W+S)(950/850/750)(K) ②Fulham(ADP) 驱动器 -TIM1UNV095S-40L	120-277	0.42	30-42	960	860	760	Y	84 83	84 83	84 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	2022-11-8
①SIF30-10650/120-277/W/D1-S1S2(ML+W)(650/540/450)(K) ②	120-277	0.35	30-42	655	545	440	Y	86 84	86 83	86 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	NA	2022-11-17
SIF30-10650/120-277/W/D1-S1S2(ML+Y+S)(650/540/450)(K)	120-277	0.35	30-42	650	540	450	Y	85 82.5	85 81.5	84 80	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	2022-11-17
SIF30-10650/120-277/W/D1-S1S2(ML+Y+S)(650/540/450)	120-277	0.35	30-42	650	540	450	Y	85 82.5	85 81.5	84 80	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	20AWG, 600V, 550mm Strand Wire	CAP*2	2022-11-17
SIF30-10750/120-277/W/D1-S1S2(ML+W)(750/540/420)	120-277	0.35	30-40	750	540	420	Y	85 84	85 82	84 81	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	2022-11-25
SIF40-10850/120-277/W/D1-S1S2(ML+Y)(850/750/650)(K)	120-277	0.42	30-42	890	787	681	Y	87 84	87 83	87 83	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	NA	2022-11-25
SIF40-10950/120-277/W/D1-S1S2(ML+W)(950/850/750)(K)	120-277	0.42	30-42	960	850	750	Y	86 86	86 85	86 85	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	NA	2022-11-25
SIF40-11000/120-277/W/D1-S1S2(ML+Y)(1000/850/750)	120-277	0.42	30-40	1000	850	750	Y	84 84	85 84	85 83	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	CAP*2	2022-11-25
SIF30-10650/120-277/W/D1-S1S2(ML+W)(O)(650/540/450)	120-277	0.35	30-42	650	540	450	Y	85 82	85 81	84 80	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	NA	2022-12-19
SIF40-10950/120-277/W/D1-S1S2(ML+W)(O)(950/850/750)	120-277	0.42	30-42	950	850	750	Y	84 83	84 83	84 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	NA	2022-12-19





**SIFxx-Iyyyy 120-277 series for troffer and panel light**

Ever-tie P/N	Input voltage (VAC)	Input current (Max. A)	Output Voltage (V)	Output current (mA)			CCT (Y/N)	Efficiency(120V/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)	Note	Date
SIF30-I0650/120-277/W/D1-S1S2(ML+Y+S)(650/540/450)(P)	120-277	0.35	30-42	650	540	450	Y	85 82.5	85 81.5	84 80	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	24AWG, 80°C, 300V, 400mm Strand Wire		NA	2023-2-8
SIF40-I0850/120-277/W/D1-S1S2(ML+Y+S)(850/750/650)(P)	120-277	0.42	30-42	890	787	681	Y	85 82.5	85 81.5	83 80	30%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	24AWG, 80°C, 300V, 400mm Strand Wire		NA	2023-2-8
SIF50-I1100/120-277/W/D1-S1S2(ML+W+S)(1100/950/750)	120-277	0.54	30-42	1100	950	750	Y	84 83	84 83	83 82	10%	18AWG, 600V, 300mm Strand Wire	20AWG, 300V, 350mm Strand Wire	20AWG, 600V, 550mm Strand Wire	20AWG, 600V, 550mm Strand Wire	NA	2023-2-8

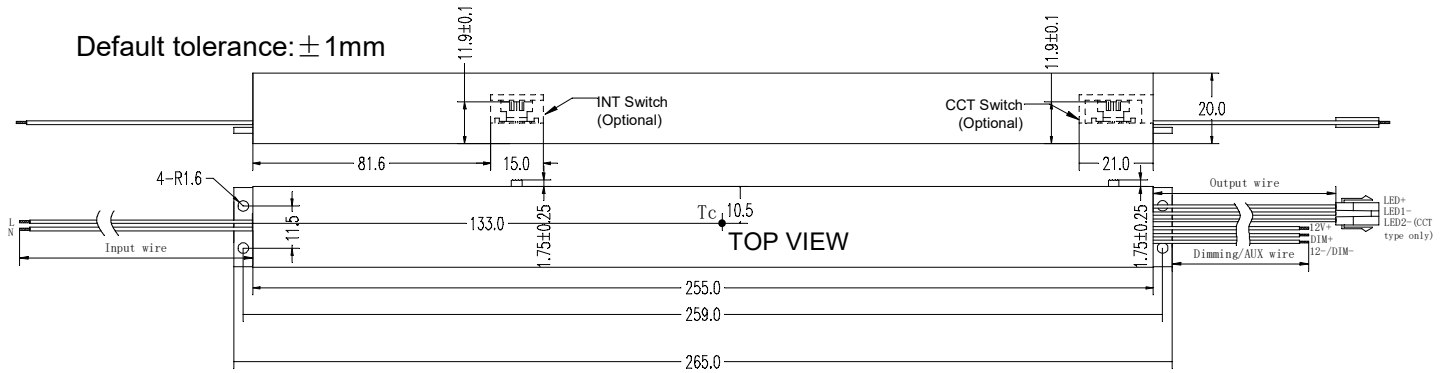
All models in the table comply with the input power within  $\pm 10\%$  of the declared power.



■ **Mechanical Drawing for panel light:**

Dimensions(Unit:mm)

Default tolerance:  $\pm 1$ mm



■ **Appendix B: Model list for panel light(Updating)**



**SIFxx-Iyyyy 120-277 series for troffer and panel light**

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 (WHI/GRY) BLK(CCT ONLY)	Dimming wire (VLT/PNK)	AUX wire+ (YEL)	Date
SIF40-11050/120-277/W/D1(W)	120-277	0.42	30-38	1030			N	86 86			10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF40-11050/120-277/W/D1-S1S2(W)(1050/800/650)	120-277	0.42	30-38	1030	780	640	Y	86 85	86 84	85 83.5	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF50-11250/120-277/W/D1-S1S2(W)(1250/1050/800)	120-277	0.54	30-40	1250	1050	780	Y	85 85	85 85	86 84	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF30-10800/120-277/W/D1-S1S2(W)(800/650/550)	120-277	0.35	30-37.5	800	650	550	Y	86 85	86 84	86 83	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF40-11050/120-277/W/D1-S1S2(W)(1050/900/800)	120-277	0.42	30-38	1050	900	800	Y	86 84.5	86 85	86 84.5	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIL40-11050/120-277/W/D1-S1S2(Y)(1050/800/700)	120-277	0.42	30-38	1050	800	700	Y	88 87	88.5 86	88.5 85	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIL50-11250/120-277/W/D1-S1S2(Y)(1250/1150/1050)	120-277	0.54	30-40	1250	1150	1050	Y	86 86	86.5 86.5	87 86.5	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
①SIF30-10650/120-277/W/D1-S1S2(Y)(650/580/480) ②VEL30065MVHDA-10V-MD-3CCT-100	120-277	0.35	30-42	650	580	480	Y	87 85	87 83	87 82	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
①SIF40-10950/120-277/W/D1-S1S2(Y)(950/800/630) ②VEL40095MVHDA-10V-MD-3CCT-100	120-277	0.42	30-42	950	800	630	Y	87.5 85	87 83	87 83	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF40-11050/120-277/W/D1-S1S2(Y)(1050/900/800)	120-277	0.42	30-38	1020	900	800	Y	86.5 85.5	87 85	86.5 84.5	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF30-10750/120-277/W/D1(Y)	120-277	0.35	30-40	750			N	88 85			30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF40-11000/120-277/W/D1(Y)	120-277	0.42	30-40	1000			N	87 86			30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF50-11250/120-277/W/D1(Y)	120-277	0.54	30-40	1250			N	88 88			30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF40-11050/120-277/W/D1-S1(Y)(1050/800/650)	120-277	0.42	30-38	1050	800	650	Y	88 87	88 86	88 85	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF50-11250/120-277/W/D1-S1(Y)(1250/1050/800)	120-277	0.54	30-40	1250	1050	800	Y	88 88	88 88	88 87	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF40-10900/120-277/W/D1(Y)	120-277	0.42	30-42	900			N	87 86			30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF40-11050/120-277/W/D1(Y)	120-277	0.42	30-38	1050			N	87 86			30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	



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 (WHI/GRY) BLK(CCT ONLY)	Dimming wire (VLT/PNK)	AUX wire+ (YEL)	Date
SIF40-11050/120-277/W/D1-S1S2(W)(1050/800/650)	120-277	0.42	30-38	1030	780	640	Y	86 85.5	86 85	86 84	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, Strand Wire: WHI/GRY 470mm, BLK 160mm	22AWG, 300V, 500mm Strand Wire	NA	
SIF50-11250/120-277/W/D1-S1S2(W)(1250/1050/800)	120-277	0.54	30-40	1250	1050	780	Y	85 85	85 85	86 84	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, Strand Wire: WHI/GRY 470mm, BLK 160mm	22AWG, 300V, 500mm Strand Wire	NA	
①SIF40-I0950/120-277/W/D1(Y) ②SIF40-I0950/120-277/W/D1(Y)TR	120-277	0.42	30-42	950			N	88 86			30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF40-11050/120-277/W/D1-S1S2(Y)(1050/800/650)	120-277	0.42	30-38	1030	780	640	Y	87 86	87 86	87 85	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
①SIF30-I0650/120-277/W/D1-S1S2(W)(650/580/480) ②PRC30UUL-A0650S1S2(W)	120-277	0.35	30-42	650	580	480	Y	86 84	86 83	86 81	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
①SIF40-I0950/120-277/W/D1-S1S2(W)(950/800/630) ②PRC40UUL-A0950S1S2(W)	120-277	0.42	30-42	950	800	630	Y	86 84	86 84	86 83	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF30-I0800/120-277/W/D1-S1S2(Y)(800/650/550)	120-277	0.35	30-37.5	800	650	550	Y	87 86	87 83	87 84	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
①SIF40-I0950/120-277/W/D1-S1S2(Y)(950/850/750) ②SIF40-I0950/120-277/W/D1-S1S2(Y)(950/850/750)TR	120-277	0.42	30-42	950	850	750	Y	86 84	86 83.5	87 82.5	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF50-11250/120-277/W/D1(W)	120-277	0.54	30-40	1250			N	86 86			10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
SIF50-11250/120-277/W/D1-S1S2(W)(1250/1050/900)	120-277	0.54	30-40	1250	1050	900	Y	85 85	85 85	86 84	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, Strand Wire: WHI/GRY 470mm, BLK 160mm	22AWG, 300V, 500mm Strand Wire	NA	
SIF40-I0950/120-277/W/D1-S1S2(W)(950/800/600)	120-277	0.42	30-42	950	800	600	Y	86 84	86 84	86 83	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2022-5-13
SIF50-11200/120-277/W/D1-S1S2(W)(1200/1000/800)	120-277	0.54	30-41.5	1200	1000	800	Y	85 85	85 85	86 84	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2022-5-13
SIF30-I0800/120-277/W/D1-S1S2(Y+S)(800/650/550)(P)	120-277	0.35	30-37.5	800	650	550	Y	87 85	87 83	87 84	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	24AWG, 80°C, 300V, 400mm Strand Wire		2022-5-19
SIF50-11250/120-277/W/D1-S1S2(Y+S)(1250/1050/900)(P)	120-277	0.54	30-40	1250	1050	900	Y	85 85	85 85	86 84	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	24AWG, 80°C, 300V, 400mm Strand Wire		2022-5-19
SIF40-11050/120-277/W/D1-S1S2(Y)(1050/800/650)(YH)	120-277	0.42	30-38	1050	800	650	Y	87 86	87 86	87 85	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, Strand Wire: WHI/GRY 470mm, BLK 160mm	22AWG, 300V, 500mm Strand Wire	NA	2022-5-26
SIF30-I0750/120-277/W/D1(W)	120-277	0.35	30-40	750			N	86 82			10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2022-6-29
SIF40-I0950/120-277/W/D1(W)	120-277	0.42	30-42	950			N	86 82			10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	
①SIF40-I0950/120-277/W/D1-S1S2(W+S)(950/800/630) ②T1M1UNV095S-40L-A	120-277	0.42	30-42	910	755	580	Y	83 82	83 82	81 80	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire		2022-11-8 2022-12-14
SIF50-11250/120-277/W/D1-S1S2(W+S)(1250/1100/900)	120-277	0.54	30-40	1250	1065	875	Y	83 84	83 84	82 83	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire		2022-11-8
SIF30-I0800/120-277/W/D1-S1S2(W+S)(800/650/550)	120-277	0.35	30-37.5	740	615	515	Y	83 81	82 80	81 80	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire		2022-11-8
①SIF30-I0650/120-277/W/D1-S1S2(W+S)(650/580/480) ②Fulham(ADP)_驱动器 T1M1UNV065S-30L-A	120-277	0.35	30-42	630	540	440	Y	83 81	82 80	82 80	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire		2022-11-8
SIF30-I0750/120-277/W/D1-S1S2(Y)(750/650/480)	120-277	0.35	30-40	750	650	480	Y	86 85	86 83	85 84	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2022-11-25



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 (WHI/GRY) BLK(CCT ONLY)	Dimming wire (VLT/PNK)	AUX wire+ (YEL)	Date
SIF40-11050/120-277/W/D1-S1S2(Y)(1050/900/750)	120-277	0.42	30-38	1050	900	750	Y	86 85	86 83	85 84	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2022-11-25
SIF40-11050/120-277/W/D1-S1S2(Y+S)(1050/900/800)	120-277	0.42	30-38	1020	900	800	Y	85 83	84 82	84 81	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire		2022-11-25
SIF40-11050/120-277/W/D1-S1S2(Y+S)(1050/800/650)(P)	120-277	0.42	30-38	1020	900	800	Y	85 83	84 82	84 81	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	24AWG, 80°C, 300V, 400mm Strand Wire		2022-11-25
SIF50-11100/120-277/W/D1-S1S2(Y)(1100/900/700)	120-277	0.54	30-42	1100	900	700	Y	85 85	85 85	86 84	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2022-11-25
SIF50-11250/120-277/W/D1-S1S2(Y)(1250/1050/800)(YH)	120-277	0.54	30-40	1250	1050	800	Y	85 85	85 85	86 84	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, Strand Wire: WHI/GRY 470mm, BLK 160mm	22AWG, 300V, 500mm Strand Wire	NA	2022-11-25
SIF30-10800/120-277/W/D1-S1S2(W)(O)(800/650/550)	120-277	0.35	30-37.5	800	650	550	Y	83 81	82 80	81 80	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2022-12-19
SIF40-10950/120-277/W/D1-S1S2(W)(O)(950/800/630)	120-277	0.42	30-42	950	800	630	Y	83 82	83 82	81 80	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2022-12-19
SIF50-11250/120-277/W/D1-S1S2(W)(O)(1250/1050/900)	120-277	0.54	30-40	1250	1050	900	Y	83 84	83 84	82 83	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2022-12-19
SIF50-11250/120-277/W/D1-S1S2(W)(O)(1250/1100/900)	120-277	0.54	30-40	1250	1100	900	Y	83 84	83 84	82 83	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2022-12-19
SIF50-11100/120-277/W/D1-S1S2(W)(1100/850/650)	120-277	0.54	30-42	1100	850	650	Y	83 84	83 84	82 83	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2022-12-19
SIF40-10950/120-277/W/D1-S1S2(W)(O)(950/850/630)	120-277	0.42	30-42	950	850	630	Y	83 82	83 82	81 80	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2023-1-12
SIF50-11250/120-277/W/D1-S1S2(W+S)(1250/1050/800)	120-277	0.54	30-40	1250	1050	800	Y	83 84	83 84	82 83	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, Strand Wire: WHI/GRY 470mm, BLK 160mm	22AWG, 300V, 500mm Strand Wire NA		2023-1-12
SIF40-11000/120-277/W/D1(W)	120-277	0.42	30-40	1000			N	85 84			10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2023-2-8
SIF40-11050/120-277/W/D1-S1S2(Y+S)(1050/900/800)(P)	120-277	0.42	30-38	1020	900	800	Y	85 83	84 82	84 81	30%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	24AWG, 80°C, 300V, 400mm Strand Wire		2023-2-8
SIF50-11250/120-277/W/D1-S1(W)(1250/900/800)	120-277	0.54	30-40	1250	1050	800	Y	85 85	85 85	85 85	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2023-2-8
SIF40-10850/120-277/W/D1(W)	120-277	0.42	30-42	850			N	84 83			10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2023-2-8
SIF40-11050/120-277/W/D1-S1S2(W+S)(1050/800/650)	120-277	0.42	30-38	1030	780	640	Y	83 82	83 82	83 82	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire NA		2023-2-8
SIF20-10420/120-277/W/D1(W)	120-277	0.22	30-42	420			N	83 82			10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, 120mm Strand Wire	22AWG, 300V, 500mm Strand Wire	NA	2023-2-8
SIF50-11250/120-277/W/D1-S1S2(W+S)(1250/1050/900)	120-277	0.54	30-40	1250	1050	900	Y	83 82	83 82	83 82	10%	18AWG, 300V, 250mm Strand Wire	22AWG, 300V, Strand Wire: WHI/GRY 470mm, BLK 160mm	22AWG, 300V, 500mm Strand Wire NA		2023-2-8

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