


APPROVAL SHEET**Customer Name:** Pozeen **Customer Product Name:** DCI65W1200UVH-110 C3 **Product Category:** LED Driver **Document Number/Rev:** 2022年3月31日 **Approved Date:** 2022年3月31日

Approved Signature			Manufacturer Signature					
								
						Approved By	Checked By	Made By
			Jennifer	Alan	Owen			

Infinex Lighting electronics Co.ltd**Adress: No.1376 Road XiuXin, XiuZhou District, ZheJiang Province**

Product features

- Constant current control
- Open Circuit Protection
- Short Circuit Protection
- Sound Rated A
- UL / cUL R/C
- FCC Part 15 Class A
- 5 Years Limited Warranty



ORDERING INFORMATION FROM INFINEX LIGHTING

Example: **DCI100W2000UVH-110 C3**

DCI050W

1000

UV

H

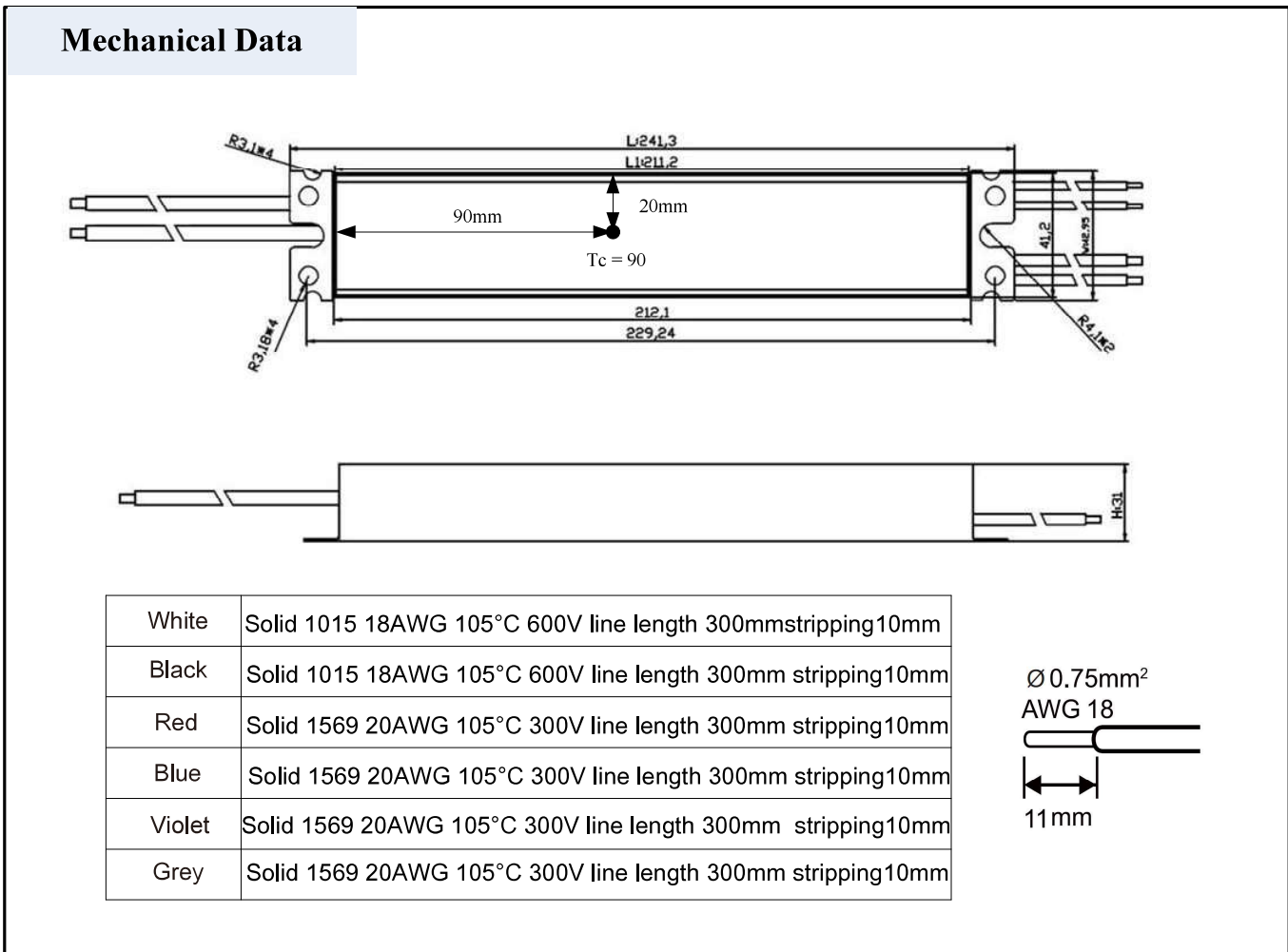
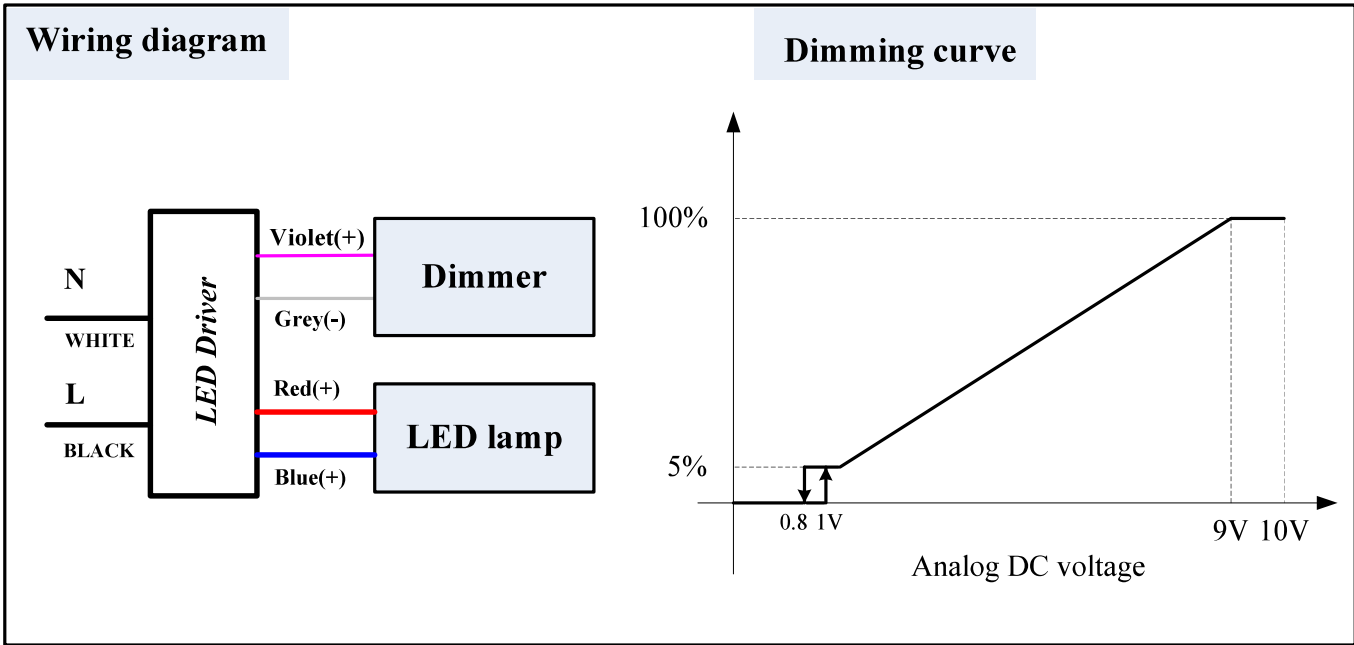
110

Output characteristic	Output current	Input Voltage	Power factor	Version
DCI : Constant current driver DPI : Programmable driver DCV: Constant Voltage driver DCP : Constant power driver 050W : Max output power 50W	1000: 1000mA * Customer can specify driver current in the permitted range; Set by factory;	UV: 120-277V SV : 120-347 DV : 120 HV : 347-480	H=High Factor L=Low Factor	First 1:Dimming 0:No Dimming Second 1:No flickering 0:Flickering Third 1:With 12V Aux 0:Without 12V Aux

Specification data is based on tests performed in a controlled environment and represents relative performance. Actual performance can vary depending on operating conditions. Application and performance data subject to change without notice. All specifications are nominal unless noted otherwise.

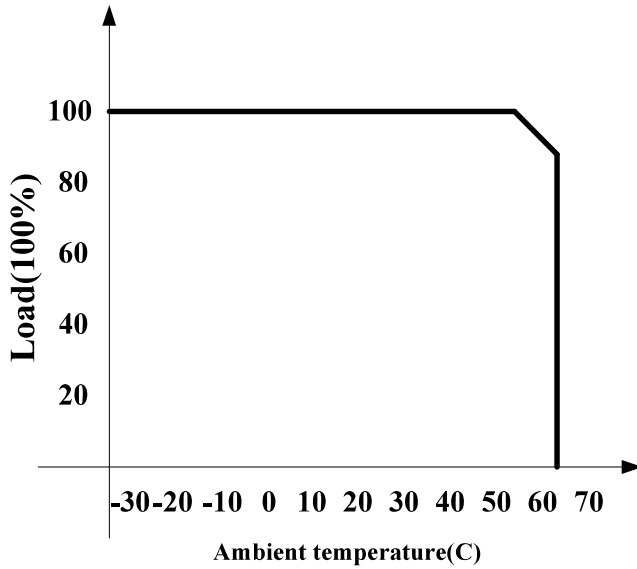
Driver Electrical data

Input	Voltage Range (V)	120-277
	Frequency Range (Hz)	47-63
	Power Factor (Min.)	0.9
	THD(Max.)	20%
	Efficiency(120Vac)(Typ.)	≥ 0.85
	AC Current(Max.)	0.8A
	Inrush Current (Max.)	80A
	Leakage Current(Max.)	0.7mA at 277Vac 60Hz input
Output	Rated Current(mA)	1200
	output voltage (V)	30-54
	Rated power	65W
	Ripple Current((PK-AV)/AV)	10% max
	Current Tolerance	$\pm 5\%$
	Turn on Delay Time	$< 1.0s @ 120 \sim 277Vac$
Diming control	Dimming function	0~10V/10%~100%
Aux LPS output	+ 12V(Optional)	100mA Output current Max
Protection	Open circuit protection(V)	< 60
	Short Circuit	Self recovery
Environment	Operating Temp/Humidity	$-40 \sim +55^{\circ}C / 20 \sim 95\%RH$, non-condensing
	Storage Temp/ Humidity	$-40 \sim +85^{\circ}C$, 10-95%RH
Safety & EMC	Safety Standard	UL8750 Class 2
	EMC	FCC Part 15 Class A
Others	Life time	50000 hours
	MTBF(at full load,25°C)	500,000H, ambient temperature MIL-HDBK-217F
	Dimension/Weight	241.3 x43x 30mm (LxWxH)

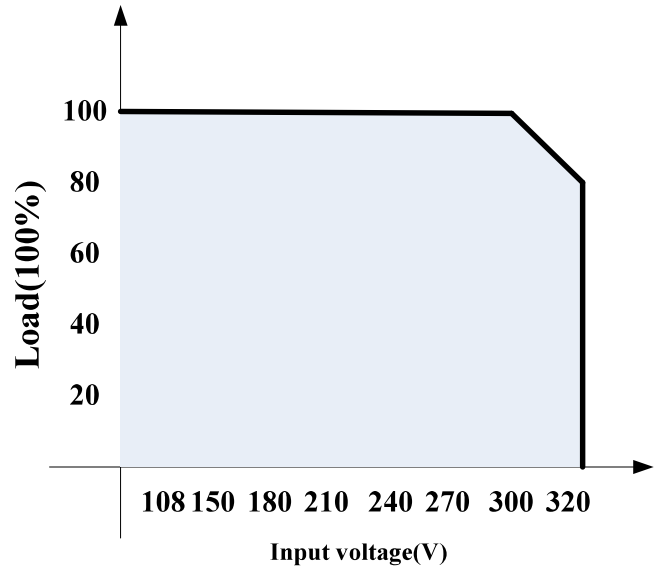


Specification data is based on tests performed in a controlled environment and represents relative performance. Actual performance can vary depending on operating conditions. Application and performance data subject to change without notice. All specifications are nominal unless noted otherwise.

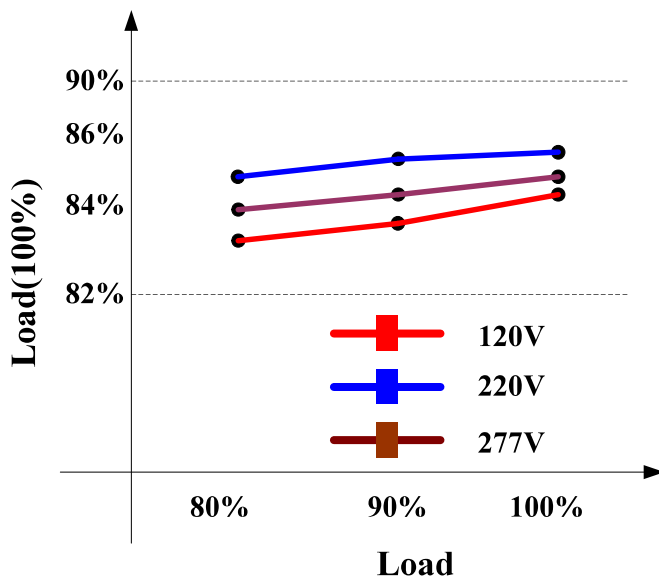
Derating curve 01



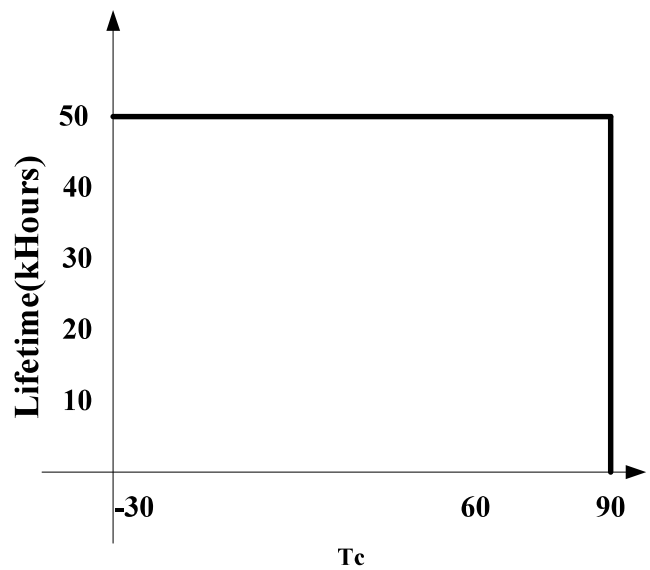
SOA @ Input voltage



Efficiency Vs Load



Lifetime Vs Tc



Specification data is based on tests performed in a controlled environment and represents relative performance. Actual performance can vary depending on operating conditions. Application and performance data subject to change without notice. All specifications are nominal unless noted otherwise.

Package information

Size	
Number	
Net Weight	
Gross Weight	

Files revision history

Revision data	Version No	Content	Make	Check	Approval
20200610	V01	Change the length of wire	Owen	Alan	Jennifer
20201222	V01A	Change the length of wire	Owen	Alan	Jennifer