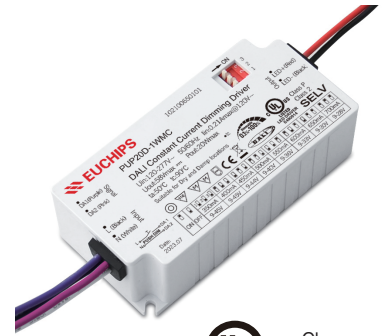


## PUP20D-1WMC

### Summary

PUP20D-1WMC is a constant current output mode LED driver. Support DALI dimming function, Touch DIM (Push DIM) function. The output and dimming circuit are also completely in accordance with the new regulations with isolation to ensure the users and luminaire system during installation.

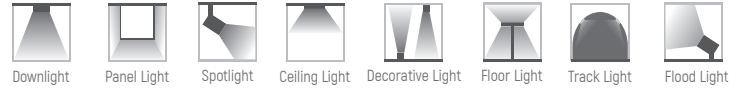


### Product Features

- Single channel output, output current level selectable by DIP S.W.
- Support DALI dimming function, Touch DIM (Push DIM) function
- Input voltage of 120VAC ~ 277VAC
- Dimming range: 0.1-100%, Dimming effect smooth, no flicker
- Protections: Short circuit, Over load, Over voltage
- Suitable for indoor LED lighting application



### Application



### Technical Parameters

Model	PUP20D-1WMC				
Input	Voltage	120VAC-277VAC			
	Frequency	50/60Hz			
	Efficiency	85%@120VAC, Full load			
	PF	0.98@120VAC, Full load			
	THD(full load)	<10%@120VAC, Full load			
	Current	0.21Amax@120VAC			
	Inrush Current	Cold start,30A@120VAC			
	Standby Power	<1W			
Output	Current/Voltage/Power	350mA/9-45V/15.75W 400mA/9-45V/18W	450mA/9-44V/19.8W 500mA/9-40V/20W	550mA/9-36V/19.8W 600mA/9-33V/19.8W	650mA/9-30V/19.5W 700mA/9-28V/19.6W
	Channel	1			
	No load output voltage	58V Max			
	Frequency	1KHz Min PWM			
	Current Accuracy	±5%			
	LF current ripple(<120Hz)	<3%			
Protection	Over Voltage	Hiccup, recovers after fault condition is removed			
	Over load	Hiccup, recovers after fault condition is removed			
	Short circuit	Close output, recovers automatically after fault removed			
Safety & EMC	Surge	L-N: 0.5KV			
	Withstand Voltage	I/P-O/P: 3000VAC/1min/5mA; I/P-Gnd: 1500VAC/1min/5mA; O/P-Gnd: 500VAC/1min/5m			
	Safety standards	UL8750/UL1310/CSA25013,CSA class P			
	EMI Eission	EN55015,EN61000-3-2 Class C,IEC61000-3-3			
Function	EMC Immunity	FCC class B(120V)/class A(277V)			
	Dimming type	DALI/Touch DIM (Push DIM)			
Others	Dimming range	0.1%-100% Dimming to off			
	Dimension	88*43*26.5mm [3.46*1.69*1.04 Inch](L*W*H)			
	Pack Information	Net weight: 177g (0.39 lb)±5%/PCS; 50PCS/Carton; 9.35kg(20.6 lb)±5%/Carton; Carton Size: 234x222x194mm(9.2*8.74*7.63 Inch)(L*W*H)			
	IP rating	IP20			
	Working temp.	-20°C ~50°C[-4°F~122°F]			
	tc	90°C [194°F]			
	Relative humidity	20-90% RH			
	Lifetime	50,000h@tc:85°C(185°F)			
	Material	PC			
Switch cycle	>25,000 times				

Remark: Use only within an enclosure

