

Electrical Characteristics (Operating conditions)

Item	Symbol	Min	Typ	Max	Unit
Power Supply Voltage	VCC	3.0	3.3	3.6	V
Power Supply Current	White	-	800	960	mA
	Black	-	670	800	

Electrical Characteristics (Backlight conditions)

Item	Symbol	Min	Typ	Max	Unit	Note	
Converter Power Supply Voltage	V _i	10.8	12.0	13.2	V		
Converter Power Supply Current	I _i	0.5	0.65	0.8	A	@V _i =12V (Duty 100%)	
Backlight Power Consumption	P _{BL}	-	7.8	9.6	W	@V _i =12V (Duty 100%)	
EN Control Level	Backlight on	-	2.0	3.3	5.0	V	
	Backlight off	-	0	-	0.8	V	
PWM Dimming Control Level	High Level	-	2.0	3.3	5.0	V	
	Low Level	-	0	-	0.15	V	
PWM Dimming Control Duty Ratio	-	1	-	100	%		
PWM Dimming Control Frequency	f _{PWM}	190	200	20k	Hz		
LED Life Time	L _L	50k	70k	-	Hrs		