



### Mechanical Characteristics

Parameters	Minimum	Typical	Maximum	Unit
Weight	-	972	-	gr

### Electrical Characteristics

Parameters	Minimum	Typical	Maximum	Unit
Operation voltage	7.5	12	-	V
Operation current (12V)	0.32	0,79	1,9	A
Power consumption	3,84	9,48	22,8	W
Operation temperature	0	-	40	°C

### Optical Characteristics

Parameters	Minimum	Typical	Maximum	Unit
Led Diameter	-	5	-	mm
Pixel Gap	2.4	2.5	2.6	mm
Wavelength (Red Led)	-	635	-	nm
Luminous Intensity (Red Led)	60	80	100	mcd
Wavelength (Blue Led)	-	460	-	nm
Luminous Intensity (Blue Led)	80	90	120	mcd
Wavelength (White Led)	-	290	-	nm
Luminous Intensity (White Led)	180	185	200	mcd
Color Temperature (White Led)	-	9500	-	K

### Communication

Parameters	Minimum	Typical	Maximum	Unit
EIA485 Communication Range	-	-	1200	m