



Mechanical Characteristics

Parameters	Minimum	Typical	Maximum	Unit
Weight	-	2082+980(R)	-	gr

Electrical Characteristics (For one row)

Parameters	Minimum	Typical	Maximum	Unit
Operation voltage	7,5	12	-	V
Operation current (12V)	0,1	0,66	1,45	A
Power consumption	0,12	7,92	17,4	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)	-	625	-	nm
Luminous Intensity (Red Led)	-	600	-	mcd
Wavelength (Blue Led)	-	468	-	nm
Luminous Intensity (Blue Led)	-	300	-	mcd
Wavelength (White Led)	380	-	680	nm
Luminous Intensity (White Led)	-	2200	-	mcd
Color Temperature (White Led)	5000	-	6000	K

Communication

Parameters	Minimum	Typical	Maximum	Unit
WiFi Communication Range	-	100	300	m
EIA485 Communication Range	-	-	1200	m