

Item	1.2	1.5	1.6	1.8	2(L)	2.5	3	3(L)	4(L)
Pixel Configuration	SMD	SMD	SMD	SMD	SMD	SMD	SMD	SMD	SMD
Pitch (mm)	1.25	1.538	1.667	1.86	2	2.5	3	3.076	4
Module Resolution (WxH)	256x128	208x104	192x96	172x86	160x80	128x64	64x64	104x52	80x40
Module Size (mm)(WxH)	320x160	320x160	320x160	320x160	320x160	320x160	192x192	320x160	320x160
Module Weight (Kg)	0.48±0.05	0.48±0.05	0.48±0.05	0.48±0.05	0.45±0.05	0.45±0.05	0.275±0.05	0.45±0.05	0.4±0.05
Unit Area (m ²)	0.0512	0.0512	0.0512	0.0512	0.0512	0.0512	0.03686	0.0512	0.0512
Pixel Density	640000	422500	360000	288906	250000	160000	111111	105625	62500
Brightness (nits)	≥450	≥450	≥450	≥450	≥450	≥600	≥600	≥600	≥600
Color Temperature (K)	3000—15000 Adjustable								
Horizontal Viewing Angle (°)	160	160	160	160	160	160	160	160	160
Vertical Viewing Angle (°)	140	140	140	140	140	140	140	140	140
Deviation of LED Luminance Center	<3%	<3%	<3%	<3%	<3%	<3%	<3%	<3%	<3%
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%
Contrast Ratio	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1
Max Power Consumption (W/m ²)	≤460	≤370	≤370	≤370	≤370	≤420	≤390	≤330	≤420
Avg Power Consumption (W/m ²)	≤155	≤125	≤125	≤125	≤125	≤140	≤130	≤110	≤140
Power Supply (V)	DC 4.5								
Drive Mode	Constant Current 43S	Constant Current 52S	Constant Current 48S	Constant Current 43S	Constant Current 40S	Constant Current 32S	Constant Current 32S	Constant Current 26S	Constant Current 20S
Frame Rate (Hz)	50&60	50&60	50&60	50&60	50&60	50&60	50&60	50&60	50&60
Refresh Rate (Hz)	≥3840	≥3840	≥3840	≥3840	≥3840	≥1920	≥1920	≥1920	≥1920
Lifetime (hrs)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Operation Temperature (°C)	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40
Storage Temperature (°C)	-20 ~ 60	-20 ~ 60	-20 ~ 60	-20 ~ 60	-20 ~ 60	-20 ~ 60	-20 ~ 60	-20 ~ 60	-20 ~ 60
Operation Humidity (RH)	10~80% no condensation								
Storage Humidity (RH)	10~85% no condensation								

Remark: Above data is subject to change without previous notice.

Item	2.5S	3S	4S(L)	5S	6S	8S(L)	10S
Pixel Configuration	SMD	SMD	SMD	SMD	SMD	SMD	SMD
Pitch (mm)	2.5	3.076	4	5	6	8	10
Module Resolution (WxH)	128x64	104x52	80x40	64x32	32x32	40x20	32x16
Module Size (mm)(WxH)	320x160	320x160	320x160	320x160	192x192	320x160	320x160
Module Weight (Kg)	0.46±0.05	0.46±0.05	0.46±0.05	0.48±0.05	0.34±0.05	0.46±0.05	0.46±0.05
Unit Area (㎡)	0.0512	0.0512	0.0512	0.0512	0.03686	0.0512	0.0512
Pixel Density	160000	105625	62500	40000	27778	15625	10000
Brightness (nits)	≥4000	≥4000	≥4500	≥4500	≥4500	≥4500	≥5000
Color Temperature (K)	3000—15000 Adjustable						
Horizontal Viewing Angle (°)	160	160	160	160	160	160	160
Vertical Viewing Angle (°)	140	140	140	140	140	140	140
Deviation of LED Luminance Center	<3%	<3%	<3%	<3%	<3%	<3%	<3%
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%
Contrast Ratio	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1
Max Power Consumption (W/㎡)	≤790	≤790	≤790	≤790	≤800	≤790	≤840
Avg Power Consumption (W/㎡)	≤265	≤265	≤265	≤265	≤266	≤265	≤280
Power Supply (V)	DC 4.5						
Drive Mode	Constant Current 16S	Constant Current 13S	Constant Current 10S	Constant Current 8S	Constant Current 8S	Constant Current 5S	Constant Current 2S
Frame Rate (Hz)	50&60	50&60	50&60	50&60	50&60	50&60	50&60
Refresh Rate (Hz)	≥3840	≥3840	≥1920	≥1920	≥1920	≥1920	≥1920
Lifetime (hrs)	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Operation Temperature (°C)	-20 -- 40	-20 -- 40	-20 -- 40	-20 -- 40	-20 -- 40	-20 -- 40	-20 -- 40
Storage Temperature (°C)	-20 -- 60	-20 -- 60	-20 -- 60	-20 -- 60	-20 -- 60	-20 -- 60	-20 -- 60
Operation Humidity (RH)	10~80% no condensation						
Storage Humidity (RH)	10~85% no condensation						