

### PRO E Outdoor SMD Series

	<b>PRO E-067</b>	<b>PRO E-080</b>	<b>PRO E-100</b>
<b>Display</b>			
Pixel Configuration	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD
LED type	SMD (1921)	SMD (2727)	SMD (3535)
Aspect Ratio	1:1	1:1	1:1
Pixel Pitch [mm]	6.67	8	10
Brightness (max.) [cd/m <sup>2</sup> ]	7000	7000	5500
Lifetime	100000 hrs (50% brightness)	100000 hrs (50% brightness)	100000 hrs (50% brightness)
Contrast Ratio (typ.)	8000:1	8000:1	8000:1
Viewing Angle [°]	160 horizontal / 160 vertical	160 horizontal / 160 vertical	160 horizontal / 160 vertical
Dimming Capability	256 levels	256 levels	256 levels
Colour Processing	16 bit	16 bit	16 bit
Colours	281 trillion	281 trillion	281 trillion
LED Driving Method	1/27 dynamic scan	1/30 dynamic scan	1/27 dynamic scan
Frame Rate	60Hz / 3D : 120Hz	60Hz / 3D : 120Hz	60Hz / 3D : 120Hz
Refresh Rate [Hz]	≤3840	≤3840	≤3840
Colour Temperature [K]	2500K ~ 10000	2500K ~ 10000	2500K ~ 10000
<b>Screen Resolution</b>			
Cabinet Resolution	144 x 144	120 x 120	96 x 96
Resolution per m <sup>2</sup>	20736	15625	10000
Module Resolution	72 x 48	60 x 40	48 x 32
Number of Pixel per module [dot]	3456	2400	1536
<b>Connectivity</b>			
Input Video Digital	1 x HDMI 2.0; 1 x DP 1.2; 1 x DVI-D	1 x HDMI 2.0; 1 x DP 1.2; 1 x DVI-D	1 x HDMI 2.0; 1 x DP 1.2; 1 x DVI-D
Input Control	1 x GenLock; 1 x LAN; 1 x USB IN; 1 x USB OUT (Cascading)	1 x GenLock; 1 x LAN; 1 x USB IN; 1 x USB OUT (Cascading)	1 x GenLock; 1 x LAN; 1 x USB IN; 1 x USB OUT (Cascading)
<b>Electrical</b>			
Total Power Consumption [W]	211 typ. / 620 max.	205 typ. / 611 max.	200 typ. / 594 max.
Power Consumption typ. [W]	230 per m <sup>2</sup> (normal use)	223 per m <sup>2</sup> (normal use)	218 per m <sup>2</sup> (normal use)
Power Consumption max. [W]	672 per m <sup>2</sup>	664 per m <sup>2</sup>	645 per m <sup>2</sup>
<b>Environmental Conditions</b>			
Operating Temperature [°C]	-10 to 50	-10 to 50	-10 to 50
Operating Humidity [%]	10 to 95	10 to 95	10 to 95
<b>Mechanical</b>			
Dimensions (W x H x D) [mm]	960 x 960 x 80	960 x 960 x 80	960 x 960 x 80
Dimensions (W x H ) [mm] per module	480 x 320	480 x 320	480 x 320
Weight [kg]	28	28	28
<b>Additional Features</b>			
Serviceability	Front & Rear Service	Front & Rear Service	Front & Rear Service
Surface protection	N/A	N/A	N/A
IP Level	IP66	IP66	IP66
Certifications	CCC; CE; FCC Class A, RCM	CCC; CE; FCC Class A, RCM	CCC; CE; FCC Class A, RCM
Warranty (Standard)	3 years	3 years	3 years