

PRO N COB Series - MicroLED

	PRO N-007 COB	PRO N-009 COB	PRO N-012 COB	PRO N-015 COB
Display				
Pixel Configuration	MicroLED	MicroLED	MicroLED	MicroLED
LED type	Chip-on-board	Chip-on-board	Chip-on-board	Chip-on-board
Aspect Ratio	16:9	16:9	16:9	16:9
Pixel Pitch [mm]	0.781	0.9375	1.25	1.5625
Brightness (max.) [cd/m ²]	600	600	600	600
Lifetime	100000 hrs (50% brightness)	100000 hrs (50% brightness)	100000 hrs (50% brightness)	100000 hrs (50% brightness)
Contrast Ratio (typ.)	10000:1	10000:1	10000:1	10000:1
Viewing Angle [°]	160 horizontal / 160 vertical	160 horizontal / 160 vertical	160 horizontal / 160 vertical	160 horizontal / 160 vertical
Dimming Capability	256 levels	256 levels	256 levels	256 levels
Colour Processing	16 bit	16 bit	16 bit	16 bit
Colours	281 trillion	281 trillion	281 trillion	281 trillion
LED Driving Method	1/30 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/27 dynamic scan
Frame Rate	60Hz / 3D : 120Hz	60Hz / 3D : 120Hz	60Hz / 3D : 120Hz	60Hz / 3D : 120Hz
Refresh Rate [Hz]	≤3840	≤3840	≤3840	≤3840
Colour Temperature [K]	2500K ~ 10000	2500K ~ 10000	2500K ~ 10000	2500K ~ 10000
Screen Resolution				
Cabinet Resolution	768 x 432	640 x 360	480 x 270	384 x 216
Resolution per m ²	1638400	1137778	640000	409600
Module Resolution	192 x 216	160 x 180	120 x 135	96 x 108
Number of Pixel per module [dot]	41472	28800	16200	10368
Connectivity				
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	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)	1 x GenLock; 1 x LAN; 1 x USB IN; 1 x USB OUT (Cascading)
Electrical				
Total Power Consumption [W]	20 typ. / 60 max.	20 typ. / 60 max.	20 typ. / 60 max.	20 typ. / 60 max.
Power Consumption typ. [W]	100 per m ² (normal use)	100 per m ² (normal use)	100 per m ² (normal use)	100 per m ² (normal use)
Power Consumption max. [W]	300 per m ²	300 per m ²	300 per m ²	300 per m ²
Environmental Conditions				
Operating Temperature [°C]	-0 to 40	-0 to 40	-0 to 40	-0 to 40
Operating Humidity [%]	10 to 80	10 to 80	10 to 80	10 to 80
Mechanical				
Dimensions (W x H x D) [mm]	600 x 337.5 x 42	601 x 337.5 x 42	602 x 337.5 x 42	603 x 337.5 x 42
Dimensions (W x H x D) [mm] per module	150 x 168.75 x 8	150 x 168.75 x 8	300 x 168.75 x 8	150 x 337.5 x 8
Weight [kg]	4.8	4.8	4.8	4.8
Additional Features				
Serviceability	Front Service	Front Service	Front Service	Front Service
Surface protection				
IP Level	Coated IP40	Coated IP40	Coated IP40	Coated IP40
Certifications	CCC; CE; FCC Class B, RCM	CCC; CE; FCC Class B, RCM	CCC; CE; FCC Class B, RCM	CCC; CE; FCC Class B, RCM
Warranty (Standard)	3 years	3 years	3 years	3 years

