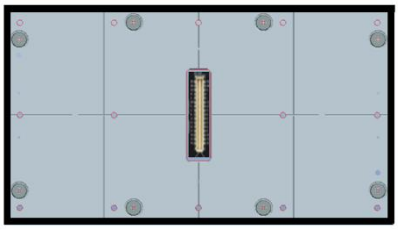
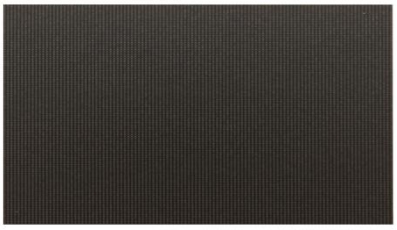
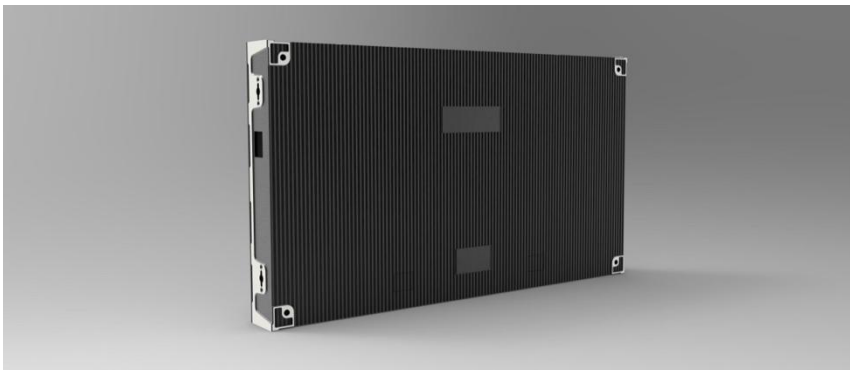
Product Specifications

Product Name	PH1.5-Indoor-610×343mm
Type of Product	Front maintenance die-casting aluminum cabinet

APPROVE	CHECK	DRAW
General Office	R&D	P.D
Peter	Mr. Zeng	Mr. Qiu
Version NO. ： V2.1		
Release Date: 2019-1-23		

Type of Product	**LPD-BSUG6315A**	**Type of LED**	**SMD1010(Black chip)**

(1) LED Parameters				
No.	Emitting Color	Light intensity	Wave Length	Note
1	Red-test condition 5mA，2.0V	22mcd	620nm	Typical Values
2	Green- test condition 2mA,3.0V	38mcd	520nm	
3	Blue- test condition 2mA,3.0V	5mcd	470nm	
(2) Pixel parameters		Color proportion- R：G：B/3：6：1。		
1	LED Type.	SMD1010		
2	Pixel pitch	1.58mm		
3	Pixel composition	1R1G1B		
(3) Parameters of led module	 			
1	Resolutions (W x H)	192×108		
2	Size of module (W x H)	305mm×171.5mm		
(4) Parameters of led cabinet				
1	Resolutions (W x H)	384×216		
2	Modules arrangement	2×2		
3	Modules flatness	≤0.1mm		
4	Cabinet size (W x H x T)	610mm×343mm×58mm		
5	Weight	6.3Kg/cabinet		
6	Way to install	Wall mounting		
(5) Technical parameters of led display screen				
1	Pixel density (pixel/ m^2)	396424		

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2	Brightness (nits)	200~1000 adjustable
3	Viewing angle (H / V)	160°/160°
4	Flatness	≤0.1mm
5	Color uniformity	±0.003 Cx,Cy
6	Max contrast	≥4000:1
(6) Parameters of control system		
1	Processing / color	14bit
2	Type of driver	Constant current driver
3	Scan mode	1/27
4	Refresh	Normal :1920Hz Max: 3840Hz
6	Color temperature	2500K～10000K adjustment
7	Brightness control	Manual / Automatic / programmed control
8	Pixel correction	Brightness and color adjustment
9	Control mode	Synchronization Control
10	Control distance	RJ45≤120m Optical fiber≤15Km
11	Software interface	Windows XP /7/8/10
12	Input signal	HDMI、DVI
(7) Operation parameters		
1	Working voltage	AC：100V~240V（50~60Hz）
2	Peak power	800W/ m² (800nits)
3	Average voltage	250W/ m²～400W/ m²
4	Continuous working hours (hrs)	≥7×24hrs
5	MTBF(hrs)	≥10000 hrs
6	LED lifetime	100000 hrs
7	Discrete control point	≤0.0001，Zero delivery
8	Runaway point	0
9	Malfunction dot rate	≤0.0001，Zero delivery
10	LED display temperature rise	≤5°
11	Operation/storage temperature and humidity	Operation temperature: -20℃~+60℃ Operation humidity : 10~90%RH Storage temperature: -40℃~+60℃; Storage humidity : 10~80%RH

Note: there will be changed depending on the different projects

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