

# Specifications

Opal	Opal 1.2i		
Pixel Pitch	1.25mm		
Max Brightness Calibrated	600nits		
Panel Dimension	300 x 600 x 58 mm 11.8" x 23.6" x 2.3"	300 x 300 x 58 mm 11.8" x 11.8" x 2.3"	
Panel Resolution (H x V)	240 x 480	240 x 240	
Panel Weight	5.17kg; 11.4lbs	2.36kg; 5.2lbs	
Frame Dimension	600 x 600 x 56 mm 23.6" x 23.6" x 2.2"	300 x 600 x 56 mm 11.8" x 23.6" x 2.2"	300 x 300 x 56 mm 11.8" x 11.8" x 2.2"
Frame Weight	3.72kg; 8.2lbs	2.5kg; 5.5lbs	1.46kg; 3.2lbs
Processing Platform	MVR / Brompton		
Power consumption Max/ Average per Panel	140W/75W	90W/45W	
BTU Max/Average Per Panel	478/220	307/141	
Transparency	Solid		
Serviceability	Front / Rear		
Curve (Concave optional)	±5° / ±10° / ±15°		
LED Configuration	4 in 1 LED common cathode		
Viewing Angle Horizontal	160°		
Viewing Angle Vertical	140°		
Refresh Rate	3840Hz		
Gray Scale	14bit		
Frame Material	Die-casting Aluminum		
Installation	Hanging / Stacking / Mounting		
Operational Temp / Humidity	-20°-45°C, 10-90%RH   -4°-113°F, 10-90%RH		
Storage Temp / Humidity	-40°-60°C, 10-90%RH   -40°-140°F, 10-90%RH		
IP Rating	Indoor		
Certifications	CE, FCC, ETL, PSE, RoHS, UL		
EMC	Class B		

Notes: The specifications are for reference, actual values may vary.



[www.roevisual.com](http://www.roevisual.com)

ROE Visual Co., Ltd. | ROE Visual US, Inc. | ROE Visual Europe BV  
 roe@roevisual.com | roe@roevisual.com | roe@roevisual.com

# Specifications

Opal	Opal 3.75			
Pixel Pitch	3.75mm			
Max Brightness Calibrated	5000nits			
Panel Dimension	600mm x 600mm x 90mm 23.6" x 23.6" x 3.5"	600mm x 300mm x 90mm 23.6" x 11.8" x 3.5"	300mm x 600mm x 90mm 11.8" x 23.6" x 3.5"	300mm x 300mm x 118mm 11.8" x 11.8" x 4.6"
Panel Resolution (H x V)	160x160	160x80	80x160	80x80
Panel Weight	9.28kg / 20.5lb	4.91kg / 10.8lb		3.29kg / 7.25lb
Frame Dimension	600mm x 600mm x 56mm 23.6" x 23.6" x 2.2"	600mm x 300mm x 56mm 23.6" x 11.8" x 2.2"	300mm x 600mm x 56mm 11.8" x 23.6" x 2.2"	300mm x 300mm x 56mm 11.8" x 11.8" x 2.2"
Frame Weight	3.72kg / 8.2lb	2.54kg / 5.6lb		1.46kg / 3.2lb
Module Size	300mm x 300mm; 11.8" x 11.8"			
Processing Platform	MVR / Brompton			
Power consumption Max/ Average per Panel	300W / 150W	150W / 75W		85W / 45W
BTU Max/Average Per Panel	1024 / 471	512 / 235		290 / 133
Transparency	Solid			
Serviceability	Front / Rear			
Curve (Concave optional)	±5° / ±10° / ±15°			
LED Configuration	Black SMD 1415 common cathode			
Viewing Angle Horizontal	160°			
Viewing Angle Vertical	140°			
Refresh Rate	3840Hz			
Gray Scale	14bit			
Frame Material	Die-casting Aluminum			
Installation	Hanging / Stacking / Mounting			
Operational Temp / Hu- midity	-20°-45°C, 10-90%RH   -4°-113°F, 10-90%RH			
Storage Temp / Humidity	-40°-60°C, 10-90% RH   -40°-140°F, 10-90% RH			
IP Rating	IP65			
Certifications	CE, FCC, ETL, PSE, RoHS, UL			

Notes: The specifications are for reference, actual values may vary.



[www.roevisual.com](http://www.roevisual.com)

ROE Visual Co., Ltd.  
roe@roevisual.com

ROE Visual US, Inc.  
roe@roevisual.com

ROE Visual Europe BV  
roe@roevisual.com