Cesium

pitch	**1.9**	**2.6**
pixel tech	SMD	SMD
	🔴	🔴

Cesium → ← Tungsten
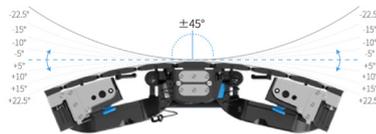
Compatible with Tungsten

ideal for

Indoor rental and production

summary

Cesium series expands design potential with dynamically curving panels. Integrated **handles on the rear are used for carrying and adjusting the internal curve** of the panel. An individual Cesium panel can achieve up to a 45-degree curve, concave or convex. **Create a perfect cylinder as narrow as 1.3 meters (4.2 ft)**.

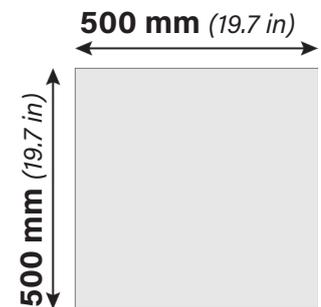Sixteen (16) panels can create a complete 360-degree circle.

Like Tungsten, Cesium panels feature **metal corner protectors** which fold closed and deploy via spring and push of a button on the rear of the panel.

special configurations

dimensions

500 mm *(19.7 in)*

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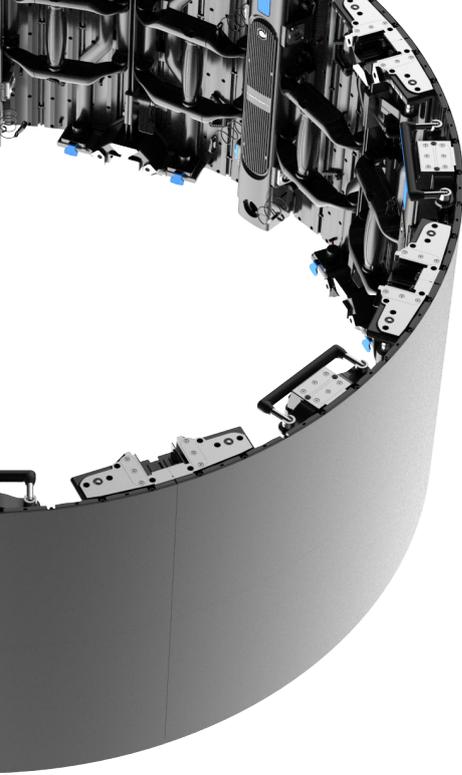|	
aspect ratio	weight
1:1	8 kg (17.6 lbs)
max brightness	IP rating
1,500 nits	IP30

optional

- Protective epoxy masking or coating
- Connecting plates
- Flight cases
- Headers for hanging/flying
- Footers for stacking
- Reuced magnets for transit stations
- Hydrophobic module treatment

series name	**Cesium (CS)**		
maximum brightness (nits)	up to 900	bonding wire	copper
dimensions WIDTH	500 mm (19.7 in)	power common	anode
HEIGHT	500 mm (19.7 in)	watts per panel	132W max (46W average)
DEPTH	73 mm (2.9 in)	watts per sq m	650W max (228W average)
panel aspect ratio	1:1	max amps per cascade	20
panel weight	up to 8 mm (17.6 in)	operating voltage	100-240V AC, 50/60 Hz
modules per panel	4 per panel	operating temperature	-20°C - +50°C
viewing angle HORIZONTAL	160°	maximum heat	up to 683.4 BTU/hr
VERTICAL	160°	humidity	10% - 90%, non-condensing
led lifetime* (hrs)	160	ip rating	IP30
contrast	8,000:1	frame material	Die-cast Aluminium
drivers	ICN	hanging and stacking	20 hanging | 20 stacking
scan rate	1/16	rear bolt threading	M10
processing depth (bits)	14 default (10-16 range)	power connectors	Seetronics Powercon
refresh rate (hz)	3,840 default (3840-7680 range)	data connectors	Seetronics Ethercon
frame rate	60 default (50, 60, 120 options)	service access	Front and Rear
color temperature	7,500 default (2000-12000 range)	warranty	3 year (up to 5 available)
color gamut	2.8	certifications	EMC-0, CCC, FCC, ETL, LVD, CE, RoHS, UKCA, CB, BIS, KC, PSE

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supported controllers

Vanguard LED Displays 1G 5G   NovaStar 1G 5G   Brompton Technology 1G 5G