

# Barco Prometheus II



Barco Prometheus II brings Barco's outstanding image quality to the world's largest home cinema screens. A 7 kilowatt xenon lamp is aligned with exacting precision and focused through one of the finest optical engines ever conceived. Three 4K DLP chip modules are hand aligned to perfection at the point of installation using our unique analog convergence system. A stunning custom-designed high contrast lens helps to deliver an unprecedented immersive experience in the home.

**PRODUCT SPECIFICATIONS****BARCO PROMETHEUS II**

Projector type	"three chip projector with all glass optical design with replaceable projection lenses and lens shift. 3 x 1.38" DC4K dark metal devices"
Resolution	4096 x 2160
Light output	11500 lumens
Contrast ratio	2200:1
Lens range	"1.13 -1.65:1, 1.35 -1.86:1, 1.35 -1.86:1, 1.46 -2.10:1, 1.65 -2.60:1, 2.00 -3.35:1"
Optical lens shift	adjustable: vertical and horizontal, depending on lenses
Lamps	6kW
Lamp lifetime (typical)	
Transport with lamp	no
Sealed DLP™ core	standard
Compatibility	"DCI 4K 2D up to 60fps*, DCI 4K 3D (24 or 30 fps per eye)*, DCI High Frame Rates 2K 3D up to 120fps (60fps per eye), JPEG 2000 bit-rates up to 625Mbps, Dual-channel color-correction MPEG-2 (4:2:0 and 4:2:2 up to 60fps)"
3D	Passive Dolby system, to be built in (optional)
Inputs	"4 x 3Gb/s HD-SDI inputs (max. two single-link HD-SDI, one dual-link HD-SDI or one quad link 4K), 2 x DVI input , 2x 3G-SDI inputs 1x HMDI 1.4a (up to 4K 2D 24fps, support for BluRay 3D) 16x AES/EBU audio channels (2x RJ45), 2x DisplayPort 1.1a (up to 4K 2D 60fps and 4K 3D 30fps) "
Control	Ethernet, 8x GPIO, Serial RS232
AC power	"3W+N+PE 230/400V 16A 50-60Hz or 3W+PE 208V 27A 50-60Hz 30,000 BTU/hr (with 6.5kW lamp)"
Power consumption	4,5kW
Operating temperature	35°C / 95°F
operation humidity no condens	
Dissipation BTU	19,000 BTU/hr (with 4kW lamp)
Installation	table top
Dimensions (WxLxH)	"754(W) x 1129(D) x 604(H) mm 29.69(W) x 44.45(D) x 23.78(H)inch "
Weight	141 kg (311 lbs)
Shipping Dimensions	
Housing color	black
Certifications	
Warranty	
Exhaust airflow	350 -390 CFM

Last updated: 29 Oct 2019

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.