

Barco Lighting

Professional lighting equipment for rental and fixed installations



Barco offers a full range of professional lighting products that deliver unrivaled performance and quality. Our exhaustive lighting portfolio includes digital, analog and LED lights as well as award-winning lighting consoles.

No matter what your design is, for events or for fixed installations, Barco has the lighting solutions to answer your specific needs.








HIGH END SYSTEMS



BARCO








Visibly yours

AUTOMATED LIGHTS

		S P O T				W A S H		
		SHOWGUN 2.5	Cyberlight 2.0	intellaspot XT-1	Studio Spot 575	SHOWBEAM 2.5	Studio Beam	Studio Color 575
								
General	Pan	420°	170°	540°	370°	420°	540°	370°
	Tilt	216°	90°	270°	255°	216°	256°	240°
	Zoom range	9° - 18°	13° - 22° or 16° - 26°	11° - 55°	18° - 30°	11° - 42°	15° - 30°	-
	Field angle							17°
	Beam angle						8° - 15°	8°
	Color mixing	CMY	CMY	CMY	CMY or fixed	CMY + V/CTO	CMY	CMY
	Fixed colors	0	7	5	10 (optional)	3	3	5
	Rotating LithoPatterns	4	4	14	10	-	-	-
	Fixed LithoPatterns	0	7	0	0	-	-	-
	Effects	soft-edge	7	soft-edge, animation wheel, prism	frost (optional)	twin-beam	beam shaping	beam shaping
	Iris	yes	yes	yes	yes	-		
	Control	DMX512/RDM	DMX512/RDM	DMX512/RDM/Art-Net	DMX512	DMX512/RDM	DMX512	DMX512
	DMX connectors	5-pin male and female XLR connectors	5-pin male and female XLR connectors	5-pin male and female XLR connectors	3-pin male and female XLR connectors	5-pin male and female XLR connectors	3-pin and 5-pin male and female XLR connectors	3-pin male and female XLR connectors
Power	208 V, 50/60Hz, 16 A 240 V, 50/60Hz, 13.7 A	200 V, 50/60Hz, 12 A 240 V, 50/60Hz, 10 A	100-240 V, 50/60 Hz	100-230 V, 50/60 Hz, 7-3 A	200 V, 50/60Hz, 18 A 240 V, 50/60Hz, 15 A	200 V, 50/60Hz, 7.0 A 230 V, 50/60Hz, 6.1 A	100-230 V, 50/60 Hz, 7-3 A	
Max operating temperature	45° C (113° F)	45° C (113° F)	45° C (113° F)	40° C (104° F)	45° C (113° F)	50° C (122° F)	40° C (104° F)	
Certification	ETL, CE compliant	ETL, CE compliant	ETL, CE compliant	ETL, CE, CETL compliant	ETL, CE compliant	ETL, CE, CETL compliant	ETL, CE, CETL compliant	
Light source	Lamp power	2,500 W	2,000 W	850 W	575 W	2,500 W	700 W	575 W
	Lamp color temperature	7,000 K	7,000K	7,000 K	6,200K	7,000K	7,000K	6,200 K
	Lamp life	1,250 Hrs	750 Hrs	750 Hrs	750 Hrs	1,250 Hrs	500 Hrs	750 Hrs
	Lamp CRI	> 80	> 80	> 80	> 80	> 80	95	95
	Lamp CIE	x=.320; y=.330	x=.320; y=.330	x=.320; y=.330	x=.320; y=.330	x=.320; y=.330	x=.325; y=.330	x=.325; y=.320
	LED array	36 3W RGB LEDs	-	-	-	36 3W RGB LEDs	-	-
Light output	130,000 lumens ⁽¹⁾	30,000 lumens ⁽¹⁾	20,000 lumens ⁽¹⁾	9,000 lumens ⁽¹⁾	140,000 lumens ⁽¹⁾	20,000 lumens ⁽¹⁾	15,000 lumens	
Mechanical	Dimensions (W x L x H)	596 x 639 x 959 mm	510 x 443 x 1141 mm	551 x 381 x 909 mm	293 x 585 x 733 mm	596 x 605 x 925 mm	294 x 521 x 616 mm	318 x 582 x 605 mm
	Fixture weight	63.5 kg (140 lbs)	45 kg (99 lbs)	52.16 kg (115 lbs)	26.7 kg (58 lbs)	66.2 kg (146 lbs)	22.4 kg (49 lbs)	22.2 kg (49 lbs)
	Mounting	truss / standing	truss / standing	truss / standing	truss / standing	truss / standing	truss / standing	truss / standing
	Road case	included	optional	optional	optional	included	optional	optional

(1) 3 point (center, middle and edge)

(2) standard zoom lens

		LED LIGHTS		DIGITAL LIGHTS				
		SHOWPIX	StudioPix	DML-1200	DL.3	DL.3F	Axon Media Server	Arena View Orbital Head
								
General	Pan	400°	540°	540°	400°	400°	-	270°
	Tilt	240°	210°	270°	240°	240°	-	360°
	Zoom range	-	-	defocused: 11°-40° - focused: 12°-38°	1.8-2.4:1; 2.4-4.3:1; 4.3-6.0:1; 1.3-1.8:1	1.8-2.4:1; 2.4-4.3:1; 4.3-6.0:1; 1.3-1.8:1	-	-
	Position accuracy			<0.1°	0.01°	0.01°	-	-
	Field angle	80°	80°				-	-
	Beam angle	45°	45°				-	-
	Color mixing	RGB	RGB	CMY + RGB	RGB	RGB	-	-
	Display technology	LED pixels	LED pixels	single chip DLP	4 panel LCD	3 panel LCD	-	-
	Native image resolution	-	-	SXGA+ (1,400x1,050)	XGA (1,024 x 768)	XGA (1,024 x 768)	-	-
	Contrast ratio	-	-	1,400:1	2,000:1 full on/full off	2,000:1 full on/full off	-	-
	Inputs	-	-	RGBHV - HDSDI/ SDI - DVI - YUV	RGBHV, SDI in/ out, S-Video	RGBHV	2x HD-SDI in S-Video in	-
	Control	DMX512/RDM	DMX512/RDM	DMX512/Art-Net	DMX512/Art-Net	DMX512/Art-Net	DMX512/Art-Net	DMX512
	DMX connectors	5-pin male and female XLR connectors	5-pin male and female XLR connectors	5-pin XLR (in, through), 2x RJ-45 (1Gb in, through), 2x USB and VGA out for media player control	5-pin male and female XLR connectors, RJ-45	5-pin male and female XLR connectors, RJ-45	5-pin male and female XLR connectors, RJ-45	5-pin male and female XLR connectors
Power	100 - 230 V, 50/60Hz, 12 - 5 A	100 - 230 V, 50/60Hz, 8 - 3.5 A	200 - 240 V, 50/60Hz, 10 A	100-120 V, 50/60Hz, 7 A 200-240 V, 50/60Hz, 3.5A	100-120 V, 50/60Hz, 7 A 200-240 V, 50/60Hz, 3.5 A	90 V - 240 V auto ranging	100 - 230 V, 50/60Hz, 2.5 A	
Max operating temperature	50° C (122° F)	50° C (122° F)	40° C (104° F)	40° C (104° F)	40° C (104° F)	35° C (95° F)	40° C (104° F)	
Certification	CE, CSA, ETL	CE, CSA, ETL		CE, CSA, ETL	CE, CSA, ETL	CE	CE, CSA, ETL	
Light source	Lamp power	-	-	4 x 300 W	330 W	330 W	-	-
	Lamp color temperature	-	-	6,200 K			-	-
	Lamp life	-	-	1,500 Hrs	2,000 Hrs	2,000 Hrs	-	-
	LED array	127 3W RGB LEDs	61 3W RGB LEDs	-	-	-	-	-
	Light output	24,000 RGB lumens	11,500 RGB lumens	Video mode: 10,000 ANSI lumens Light mode: 12,000 field lumens	7,000 ANSI lumens	6,500 ANSI lumens	-	-
Mechanical	Dimensions (W x L x H)	594 x 522 x 840 mm	540 x 300 x 601 mm	526 x 563 x 1089 mm	594 x 690 x 950 mm	594 x 690 x 950 mm	465 x 89 x 528 mm	349 x 369 x 686 mm
	Fixture weight	49 kg (108 lbs)	20.9 kg (46 lbs)	75 kg (165 lbs)	63.5 kg (140 lbs)	63.5 kg (140 lbs)	15 kg (33lb)	12.7 kg (28 lbs)
	Mounting	truss / standing	truss / standing	truss / standing	truss / standing	truss / standing	rack mounting	Bolt to projector
	Road case	included	optional	optional	included	optional	optional	optional

LIGHTING CONSOLES

	Wholehog 3	Road Hog Full Boar	Road Hog	Hog 3PC	DMX Processor 8000
					
DMX universes	unlimited via Ethernet DMX processors	4 direct via XLR, 12 via Art-Net, expandable to 12 via USB widgets, unlimited via Ethernet DMX Processors	4 direct via XLR	Up to 8 via USB widgets, unlimited via Ethernet DMX Processors	8 via 5-pin XLR, expandable to 16 via DP8000 Expander, 16 via Art-Net/E1.3.1 (sAcn)
Hardware	10 playbacks with fader play pause and flash keys, 4 encoders, 2 vertical encoders, illuminated trackball, 36 toolbar soft-keys	10 playbacks with fader play pause and flash keys, 4 encoders, illuminated trackball	10 playbacks with fader play pause and flash keys, 4 encoders, illuminated trackball	programming and playback wings available	3 menu soft-keys
Internal screens	two 12" color touch-screens with adjustable viewing angle	two 12" color touch-screens	two 12" color touch-screens	up to four displays can be user defined	LCD
External monitors	2 (can be touchscreens)	2 (can be touchscreens)	1 via USB to VGA adapter (can be touchscreen)	user defined	N/A
Operating system	Linux	Windows XPe	Windows XPe	Windows 7, Vista or XP	Linux
Drives	80 GB hard drive, CDRW, ZIP	80 GB hard drive, DVDRW, USB Flash Drive	80 GB hard drive, USB Flash Drive	user defined	N/A
Desklight	2 bi-color LED desklights	2 LED desklights, 1 LED worklight, 2 LED marker lights	2 LED desklights, 1 LED worklight, 2 LED marker lights	N/A	N/A
Connectors	EtherCon for Hog-Net, 2 USB, 2 VGA	4 XLR 5-pin, EtherCon for Hog-Net, EtherCon for Art-Net, 5 USB, 2 DVI	4 XLR 5-pin, 3 USB	user defined	8 5-pin XLR, 1 EtherCon for Hog-Net, 1 Ethercon for Art-Net/ E1.3.1 (sAcn)
Show control	MIDI In, MIDI Out, SMPTE input via USB-Widget	MIDI In, MIDI Out, MIDI Thru, SMPTE input via 3-pin XLR	SMPTE input via USB Widget, MIDI in, MIDI out via OEM USB device	MIDI via OEM devices, SMPTE input via USB-Widget	N/A
Electrical	90 V - 240 V Auto ranging	90 V - 240 V Auto ranging	90 V - 240 V Auto ranging	N/A	90 V - 240 V Auto ranging via locking IEC connector
Security	N/A	Kensington Slot	Kensington Slot	N/A	Kensington Slot
Road case	included	included	optional	N/A	N/A

FOG GENERATOR

FQ-100



Dimensions	301 x 646 x 168 mm (W x L x H)
Fixture weight	15.5 kg (34 lbs.)
Mounting	standing
Control	DMX512
DMX connectors	3-pin and 5-pin male and female XLR connectors
Power	100-120 V @ 50-60 Hz; 200-240 V @ 50-60Hz
Operating temperature	50°C (122°F)
Certification	ROHS, TUV 499 (UL standard)

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HIGH END SYSTEMS



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The information and data given are typical for the equipment described. However any individual item is subject to change without any notice. The latest version of this overview sheet can be found on www.barco.com.

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