

Alex

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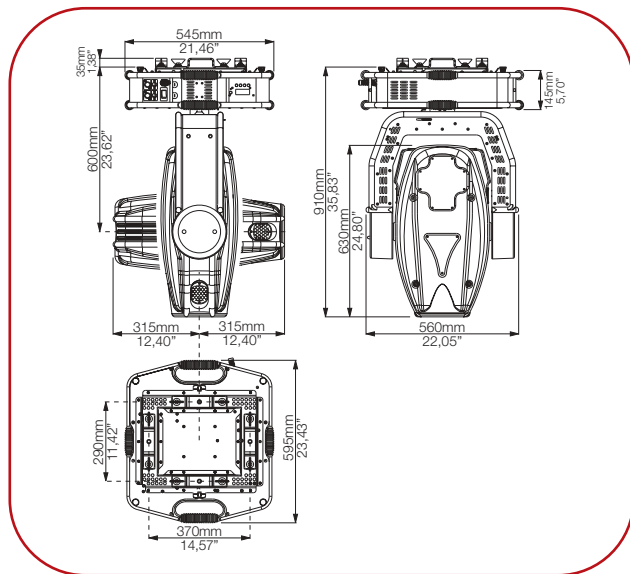


i Spot Flex

Innovation and technology

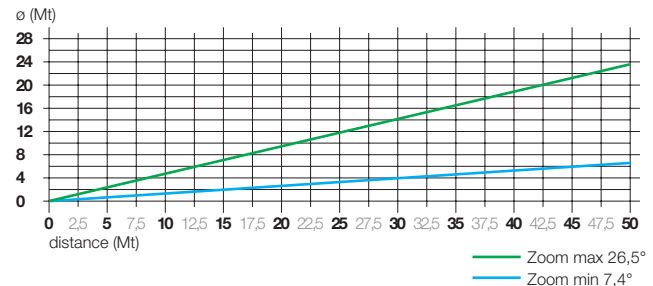
iSPOT FLEX (cod. # 9116)

■ The iSpot Flex with **variable luminous output of between 800W and 2000W**, is a unique moving head projector fitted with more gobos and animated effects than anyone could reasonably desire. The fixture's ability to superimpose colours and gobos, with no loss of brilliance or intensity, will simply amaze. The user's creative potential can be fully realised with the additional fully-customisable colour wheels, allowing the creation of a new range of 3D colour effects not found on any other fixture. To these unique new features add CMY colour mixing, colour temperature correction, proportional zooming, iris, electronic "zap" strobing, electronic dimming, prisms and remote focusing. **All of the fixture's effects can be used simultaneously.**



- **Effects:** 6 position effects wheel can be used together with prisms and gobos. Variable direction and speed.
- **Gobos:** two overlapping gobo wheels of 6 gobos each + open, allowing Moirè and morphing effects. Indexed, 16 bit positioning. Variable direction and speed.
- **Color:** full proportional CMY + CTO (orange colour temperature correction) proportional, + 5 fixed colors + white on fully-customisable colour wheel, for the creation of "color 3D"TM.
- **"Best Color"TM** (Patented): colours dynamically determine the output of the lamp, thus allowing an optimal level of light output to be maintained.
- **Prisms:** 2 optical glass prisms, variable direction and speed.
- **Optical Zoom:** linear progressive zoom; free control of zoom and focus (for more information see lighting diagram)
- **Frost effect:** achieved by defocusing system without losing light output
- **ZAP strobe:** electronic strobe variable 0-100Hz, synchronised, random and pulse effect.
- **Dimmer/Shutter:** mechanical dimmer proportional 0-100%, with fade/pulse, blackout and chaser effect
- **Range of motion:** 500° pan x 252° tilt, 16 bit.
- **Lamp:** Philips MSR-2000 SA, 155.000 lm, 6000°K, 750 hours.
- **Optics:** dichroic cold mirror borosilicate reflector, high temperature resistant; 10 lens optical zoom system, optical glass, AR coated. External fine lamp adjustment in the optical system.

		distance (Mt)									
Light output (lux)		5	10	15	20	25	30	35	40	45	50
White	Max zoom	17720	4430	1969	1108	709	492	362	277	219	177
	Min zoom	174000	43500	19333	10875	6960	4833	3551	2719	2148	1740
2000 W.	Max zoom	10600	2650	1178	663	424	294	216	166	131	106
	Min zoom	103200	25800	11467	6450	4128	2867	2106	1613	1274	1032



		distance (Mt)									
Light output		5	10	15	20	25	30	35	40	45	50
Magenta	Best color	8560	2140	951	535	342	238	175	134	106	86
	Traditional	5352	1338	595	335	214	149	109	84	66	54
Cyan	Best color	62800	15700	6978	3925	2512	1744	1282	981	775	628
	Traditional	30600	7650	3400	1913	1224	850	624	478	378	306
Yellow	Best color	67600	16900	7511	4225	2704	1878	1380	1056	835	676
	Traditional	67600	16900	7511	4225	2704	1878	1380	1056	835	676
Red	Best color	3920	980	436	245	157	109	80	61	48	39
	Traditional	1760	440	196	110	70	49	36	28	22	18
Green	Best color	18000	4500	2000	1125	720	500	367	281	222	180
	Traditional	8120	2030	902	508	325	226	166	127	100	81

- **Ventilation:** forced ventilation temperature control, "Variable Air Flux"TM system (Patented).
- **User interface:** Four character, 17 segment LED display, all functions emulated by dr2 remote
- **Compatible with DR 2 (code # 9706):** Flex communicates with dr2 via standard DMX 512 connection; information exchange with PC through USB.e connection to emulate all unit's functions, to update software, to exchange data, to choose the language for extended menu, to save shows in real time (back-up)
- **Communication:** DMX 512 protocol, 28 channels. Bi-directional communication with dr2.
- **Body:** steel and aluminium body with carbon fiber body panels. Rubber over-moulded frame for handles and bumpers.
- **Modularity:** all optical modules are integral, detachable mechanical modules with multi-pin electrical connectors held by 1/4 turn fasteners. Modular PCB system with serial interface.
- **Power requirements:** advanced high-efficiency Coemar electronic ballast and PFC (Cos ϕ 0,98), flicker-free square wave, constant power. Auto-ranging 190VAC – 245VAC, 50/60 Hz., from 5,5 to 11.3A @ 240VAC.
- **Orientation:** any.
- **Weight:** 52 kg (115 lb).

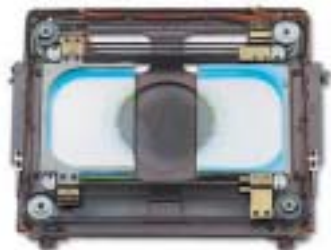


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- The **gobo module** is composed of 6 gobos + open and an iris diaphragm. The module is easily removed from the unit to facilitate gobo replacement and cleaning, even whilst the fixture is installed in position.



- The **Proportional colour module** is composed of a CMY (cyan, magenta and yellow) colour mixing system, CTO (colour temperature correction orange) filtering and a dimmer



- The **effects module** consists of one wheel with 6 gobos + open, a second wheel with 6 effects and two colour wheels with 4 dichroic colours + white. The colour wheels allow colours to be readily mixed into the light output and, alongside the colour mixing system, to create a huge range of multicolour effects. The specific design of the colour wheel system, and its positioning in the optical path of the fixture, allows the creation of a unique "color 3D"[™] effect.



- **Modular construction** allows the lighting designer to personalise fixtures to suit specific applications, even during rehearsals, when access to luminaires may be limited. All of the modular components are easily removed via simple, quick-release 1/4 turn captive wingnuts. Each component is equipped with slot-in electrical and electronic connectors, which are vibration-resistant, same as those used in the automobile industry.



on the road facilities



- **Matrioshka (code # 9126):** weather protection for the fixture whilst still maintaining full functionality.



- **Pan and tilt movement locking:** solid steel construction to ensure that all articulated movement is locked in place for safety and ease of transportation.



- **Modular electronics:** standardised serial-interfaced electronics across the entire Flex range. All connectors are easily inspected.

- **Flight Case:** solid construction with lockable wheels, anodised aluminium edge and corner protection with rounded edges. Internal anti-vibration padding allows two projectors to be safely transported.



- **Housing** in carbon fiber, indestructible and offering robustness, light weight and the class of a Formula 1.



- Twin ergonomic **grab handles** fused to the body.



- **Anti-bump profile edging** made of rubber and fused to the housing to protect the fixture against accidental damage.