Architect W500B

PRODUCT SPECIFICATION SHEET

The 2nd generation of Architect high-power static-beam lasers (sometimes called sky lasers or landmark lasers) is our reaction to globally increasing demand for super bright lasers. These are great for highlighting significant landmarks, structures and buildings.

The beam coming out of the Architect systems draws attention from many miles away. It adds a great deal of sublimity to already majestic nature-made, or human-made objects, making them even more unique, appealing and desirable.

The optional DMX-controlled heavy-duty platform offers a 350-degree pan and 126-degree tilt of the whole Architect fixture, allowing the beam to be moved and scanned across the sky.

Architect W500B
PRODUCT SPECIFICATION SHEET

KVANT®

SPECIFICATIONS

Source | IP-rating | Type:	Semiconductor laser diode | IP65 | Full-colour RGB sky laser
Suitability:	Architectural installations | Landmark and Sky illumination
System control:	FB4 [ArtNet, DMX] / Manual via supplied remote control box | Dimming 100-0%
Compliant with:	EN 60825-1
Weight [kg]:	80 [laser projector] 46 [chiller]
Size [WxHxD, mm]:	640 x 574 x 682 [laser projector] 686 x 399 x 483 [chiller]
Guaranteed opt. output:	486 watts
Installed modules R | G | B [W]:	152 | 188 | 146
Wavelengths [nm, ±5nm]:	637 | 525 | 465
Beam size [mm]:	400 x 400
Beam divergence [mrad]:	3.4 [full angle, averaged value]
X-Y scanners:	Single beam output | Pan & tilt possible with the optional DMX platform
Power requirements [V] | Input:	100-240/50-60Hz | Neutrik powerCON TRUE1 [laser projector] 200-230/50-60Hz [chiller]
Max. power consumption [VA]:	< 2,000 W [laser projector] < 1,600 W [chiller]
Operation temperature [°C]:	5-40 [full power output at 5-35]
Included in the set:	Chiller, 10M Water supply hoses, 2x Heavy-duty flight case, 10M AC power cable, 10M Control signal cable, 0-5 Volt RGB controller, E-STOP Remote with 10M 3-pin XLR cable, Set of 2 safety keys, USB memory stick with the user manual, QC certificate.
HW features:	-
Laser safety features:	Emission warning beacon, emission delay, magnetic interlock, electronic shutter, Emergency STOP system with keyed remote and manual RESTART button.
note A:	-
note B:	-
Luminous flux [lm]:	130,200
Coolant:	Water + 15% glycol, 6-10 l/min, 20°C
Hose fittings:	CEJN series 567