

Architect W400B

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.

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SPECIFICATIONS

Source | Type:

Semiconductor laser diode | Full-colour RGB SKY laser

Suitability:

Architectural installations | Landmark and Sky illumination

System control:

Analog 0-5 Volts and DMX | Dimming 100-0%

Compliant with:

EN 60825-1

Weight [kg]:

78 [laser projector]

46 [chiller]

Size [WxHxD, mm]:

640 x 502 x 682 [laser projector]

686 x 399 x 483 [chiller]

Guaranteed opt. output

412 watts

Installed modules R | G | B [W]:

114 | 188 | 110

Wavelengths [nm, ±5nm]:

637 | 525 | 455

Beam size [mm]:

400 x 300

Beam divergence [mrad]:

4 [full angle, averaged value]

Analogue modulation [kHz]

100

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

Max. power consumption [VA]:

1800 [laser projector]

1600 [chiller]

Operation temperature [°C]:

5-40 [full power output at 5-35]

Included in the set:

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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:

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Laser safety features:

Emission warning beacon, emission delay, magnetic interlock, electronic shutter, Emergency STOP system with keyed remote and manual RESTART button.

note A

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note B

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Luminous efficiency [lm]:

121,200

Coolant:

Water + 15% glycol, 6-10 l/min, 20°C

Hose fittings:

CEJN series 567

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