

Family Overview

SATELLITE MODULAR LASER SYSTEM

The simple building blocks for complex installations

The projector “Head” is fundamentally compact, quiet, light-weight and consumes very little power. This simplifies and improves every stage of a system design, from transportation and installation to serviceability and lifespan. By separating the projection “Head” from the light source and linking the two by robust and flexible fibre-optic cables up to 100m long, we offer the installer true flexibility, particularly where space and access are restricted.

The colour gamut in u', v' space of our Satellite Module Laser System encompasses more than 98% of the BT2020 standard.



	INSIGHT	TITAN	HIGHlite
Resolution	Native 4K (4096x2160)	WUXGA & 4K-UHD	WUXGA & 4K-UHD
Light Output	Up to 40,000 ISO Lumens	Up to 30,000 ISO Lumens	Up to 20,000 ISO Lumens
Light Source	Modular Light Source (up to 4 modules)	Modular Light Source (up to 3 modules)	Modular Light Source (up to 2 modules)
Contrast	2000:1	2000:1	2000:1
Inputs	2 x DisplayPort, 2 x HDMI	1 x DisplayPort, 1 x HDMI, 1 x HDBaseT	1 x DisplayPort, 1 x HDMI, 1 x HDBaseT
Weight	40kg	34.5kg	19kg
Dimensions	H:41cm W:43cm L:45cm	H:35.5cm W:45cm L:49.5cm	H:31.5cm W:29.9cm L:33.7cm
Noise	40dBA	39dBA	39dBA
Power Requirement	100-240VAC 50/60Hz singleØ	100-240VAC 50/60Hz SingleØ	100-240VAC 50/60Hz SingleØ
Power Consumption	250W	220W	100W
Lenses	0.93:1 1.13-1.72:1 1.65-2.6:1 2.53-4.98:1	0.37:1 0.65-0.85:1 0.8-1.16:1 0.67:1 1.12:1 1.16-1.49:1 1.39-1.87:1 1.87-2.56:1 2.56-4.16:1 4.16-6.96:1 6.92-10.36:1	0.83 - 1.21 1.21 - 1.70:1 1.50 - 2.15 : 1 2.00 - 3.90 : 1
Variants	120Hz 4K, 240Hz 8K 360Hz MultiView		

Laser class Statement: eg: Class 1 RG3 Laser Product
 No direct exposure to the beam shall be permitted, RG3 IEC 62471-5:2015
 Operators shall control access to the beam within the hazard distance or install the product at a height that will prevent exposure of the spectator's eyes within the hazard distance

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Preliminary Data Sheet

MODULAR LIGHT SOURCE

The Modular Light Source is a self-contained pure RGB Laser module with no external chiller. Each module produces an impressive 10,000 lumens and has a built-in touch panel control to allow for quick and easy set-up and operation. Weighing under 25Kg, this module will fit in any standard rack module and is only 4U high.



Modular Light Source (MLS 10000)	
Light Output	10,000 Lumens via projection head
Light type	Pure RGB Laser
Colour	More than 98% of the BT2020 Gamut
Life	up to 30,000 hours
Weight	17kg
Dimensions	3U 19" Rack module
Noise	45dBA
Power Requirement	1000W
Power Consumption	100-240VAC 50/60Hz singleØ
Safety	Fully interlocked system to comply with FDA Class 3R and RG3 (TBC)
Cooling	Self contained - no external chiller

SATELLITE LINK CABLE

One-to-many: one light source module to multiple projection heads
 Many-to-one: multiple light source modules to one projection head



Satellite Link Cable	
Light Cable	Bespoke glass fibre with integrated interlock
Capability	Standard and bespoke lengths available
Splits	"Y" cables with up to 4 splits available
Robust	Protective sheath, Bend radius 20cm

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