



PHYTON

IP66-Rated Hybrid-Profile Moving Head

PHYTON (fy-ten) redefines the concept of workhorse versatility as a fully-featured profile luminaire with true beam capabilities, creative effects, and immense power. Driven by a 600W LED engine and High-Efficiency optical design, Phyton delivers up to 32,000 lumens of output and features a native zoom range of 1.9 - 52 degrees. Producing a true, concentrated beam with an illuminance of 200,000 lux @ 5M capable of exceptionally long throw distances - No lamp, No Laser - Phyton effortlessly produces flat, wide spot projections while optimizing color rendering, light output, and projection quality with full-blackout framing shutters. Complemented with an unrivaled effects powerhouse, comprising of a suite of static and rotating gobos, 6 layerable prisms on two planes, iris, dual-frost filters, and a full-rotating animation wheel for limitless aerial projections and textured looks. IP66-rated for maximum endurance, yet within a compact, light-weight form for everything it packs under the hood with focus on speed, agility, and low noise operation. Designed for any function in any environment, Phyton is a powerhouse that doesn't push creative boundaries; it eliminates them.



1 Immense 600W Output

32,000 Lumen Output
200,000 lx @ 5M
No Lamp, No Laser
Long-Throw Capabilities

- 600W 6,000K LED Engine - 50,000 Hour Life
- 32,000 Total Lumen Output
- Linear 16-Bit Dimming w/ DMX Adjustable Dimming Speed & Refresh Rate
- Fast 1.9 - 52° Native Zoom Range
- 0.7° Beam Angle w/ Iris
- Up to 1,000 feet / 300M Beam Projection Distance*
- Motorized Focus + Auto-Focus

2 1.9 - 52° Zoom Range

True Concentrated Beams
Flat, Wide Spot Projections
Full Blackout Framing Shutters

- 7-Slot Interchangeable Rotating Gobo Wheel
- 8-Slot Static Gobo Wheel w/ Beam Reducer
- (4) Full-Blackout Adjustable Framing Shutters with 60° Rotation + Macros
- Variable CMY + CTO Color Mixing
- IP66-Rated
- *SUBJECT TO ENVIRONMENTAL CONDITIONS
- (1) 7-Slot Dichroic Color Wheel
- CRI90 Filter on Color Wheel
- Mintra™ Minus Mint/Green Adjustment

3 Precise Colors

CMY + CTO Color Mixing
Color Wheel + High-CRI Filters
MINTRA Minus Mint
Green Adjustment

- Fully Rotating, Indexable Animation Wheel
- 16-Blade Motorized Iris
- 6 Layerable Prisms on Two Planes
- On-Board + DMX Adjustable Fan Modes
- DMX, ArtNet, sACN, RDM Control Protocols
- Integrated LumenRadio™ TiMoTwo Wireless DMX/CRMX/RDM Module
- Neutrik® PowerCon True1 Connector
- Neutrik® 5-Pin XLR + Neutrik® EtherCon Connector

4 Unrivaled Effects

Static + Rotating Gobos
6 Layerable Prisms
Iris + Animation Wheel
Dual Frost Filters

5 IP66 Resilience

IP66-Rated
Compact Form
Lightweight Body

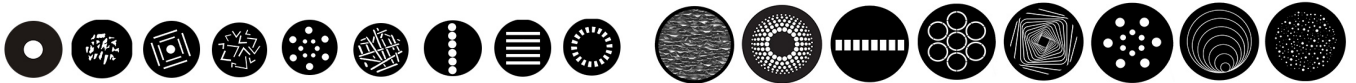
Physical:

- Total Height (Head Up): 27.0" / 688mm
- Height (Head 90°): 22" / 419mm
- Total Width: 16.5" / 419mm
- Head Length: 19" / 500mm
- Net Weight: 68.3 lbs / 31 kg

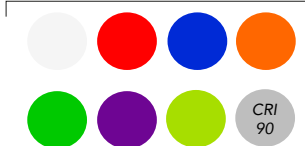
Electrical:

- LED Engine: 600W
- Total Power Consumption: 800W
- Voltage: 120-240V AC

Gobos



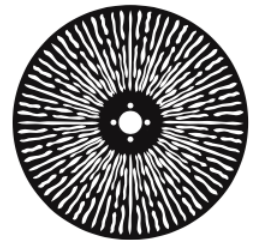
Color Wheel



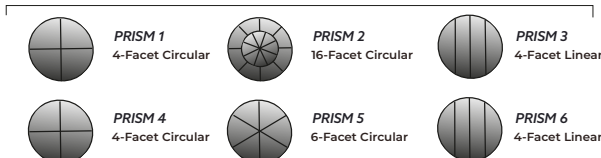
Color Flags



Animation Wheel



FX



Full Specifications

OPTICAL PARAMETERS		CONTROL	
Light Source:	600W 6,500K LED	Protocols:	DMX512, RDM, Art-Net, sACN, CRMX
Luminous Flux:	32,000 Lumens	DMX channels:	47ch Basic / 52ch Extended
Illuminance:	(1.9°) 200,000lx (52°) 3,330lx @ 5M	W-DMX:	LumenRadio CRMX Receiver
Native CRI:	≤72 Selectable CRI 90 Filter	RDM:	RDM for remote monitoring and settings
TM-30:	TBA	Display:	VOLUX Vi2 On-Board Interface w/ Full-Color LCD & Touch Buttons
PWM:	1,200Hz / 13,672Hz (DMX Adjustable)	Firmware Upgrade:	Upgrade over Ethernet
Source Life Expectancy:	50,000 Hours	ELECTRICAL	
Zoom Range:	1.9° - 52° High-Speed Motorised Zoom	Power Supply:	100-240V - 50/60Hz
Field Angle:	2.7° - 58°	Max Power Consumption:	800W
Lens diameter:	170mm	Power factor:	>0.96
Focus:	16-Bit Motorized	PHYSICAL	
COLOR SYSTEM		Ingress Protection Rating:	IP66
Color Mixing:	Linear CMY	Cooling:	Forced Air, variable speed, Remotely Adjustable
Variable CTO:	3,000 - 7,500K	Rigging:	Quick-turn omega bracket
Color Wheel 1:	7 Dichroic Colors (Including CRI90)	Pan / Lilt Lock:	Yes
Color Effects:	Seamless Split Color Effects, Color Wheel Scroll, and Max	Signal connection:	Neutrik® 5-Pin XLR IN/THRU
Mintra™ Variable Minus Green/Mint Color Adjustment		Data connection:	Neutrik® Art-Net RJ45 IN/THRU
DYNAMIC EFFECTS		Power connection:	Neutrik® PowerCON TRUE1 TOP
Framing System:	4-blade 2-way adjustable, full blackout + 60° rotation	Dimensions (WxHxD):	16.5" x 27" x 9.9"
Animation Wheel:	Animation wheel w/ continuous CW and CCW rotation	Weight:	68.3 lbs / 31 kg
Gobo Wheel 1:	7 Rotating Gobos + open, interchangeable, 16-bit indexing	BODY	
Gobo Wheel 2:	8 Static Gobos + beam reducer, 16-bit indexing	Pan Range:	540°
Gobo Size:	Outer: 20 mm - Image: 13 mm - Thickness: 1.1 mm	Tilt Range:	270°
Prism Wheel 1:	4-facet circular rotating, indexable	Pan/Tilt Resolution:	16-bit
	16-facet circular rotating, indexable	Pan/Tilt Locks:	Multi-position pan/tilt locks
	4-facet linear rotating, indexable	Feedback:	Automatic repositioning
Prism Wheel 2:	4-facet circular rotating, indexable	Housing Material:	Magnesium Diecast, High-Impact Flame-Resistant Polymer, Aluminum Alloy
	6-facet circular rotating, indexable	OPTIONAL ACCESSORIES:	
	4-facet linear rotating, indexable	N/A	
Frost:	1 soft edge + 1 hard edge frost filters	OPTIONAL UPGRADES:	
Iris:	Motorized Iris	White Housing	
FX Generator:	FX macros for framing shutters, iris, prisms, and gobos	Hardwire Connections	
ELECTRONICS		WHAT'S INCLUDED	
Dimmer:	16-bit linear 0 ~ 100% electronic dimmer + adjustable dimming speed	Phyton Profile	
Strobe / Shutter:	1 - 20 Hz, electronic	PowerCON TRUE1 Power Cable	
Display Battery:	3.7v self-charging lithium-ion battery backup	5-Pin XLR Cable	
Operating Temperature:	-10° ~ +50°	Omega Bracket	
LED Control:	DMX adjustable refresh rate, flicker-free operation	Safety Cable	
		Polymer Foam Case Insert Included	

