

Specifications

SOURCE

Light source type:	TE™ 1.000W HP White LED Engine (Patented)
	HP - High Performance Engine for maximum light output and optimal colour characteristics
LED Engine output:	82.000 lm
Fixture total lumen output:	50.000 lm (integrating sphere) 40.000 lm (goniophotometer)
Colour temperature output:	6.700K
CRI:	70, remotely selectable filters for CRI 80 and CRI 90
Illuminance:	113.000 lx @ 5 m
Typical lumen maintenance:	L70/B50 @ 50.000 hours
Light source warranty:	4 years or 20.000 hours

OPTICAL SYSTEM

Robe's proprietary optical design	
High-efficiency 13-lens zoom optical system, ratio:	11:1
Zoom range:	5° - 55°
Output lens diameter:	180 mm

DYNAMIC EFFECTS AND FEATURES

Cyan:	0-100%
Magenta:	0-100%
Yellow:	0-100%
Variable CTO:	3.000 – 6.700K
+ - Green correction function	
Colour Wheel 1:	5 fixed dichroic colours + white
Colour Wheel 2:	5 fixed dichroic colours + white
Framing shutters:	Patented Plano4™ framing shutters module with 4 individually positionable blades plus rotation of the complete frame system + - 60°
Rotating gobo wheel 1:	6 rotating, indexable and replaceable breakup and aerial gobos + open, patented slot & lock system
Rotating gobo wheel 2:	6 rotating, indexable and replaceable breakup and aerial gobos + open, patented slot & lock system
Animation wheel:	Aluminium animation wheel, used alone or in combination with gobos, rotating in both directions at variable speed
Prism 1:	Independent 6-facet linear prism rotating in both directions at variable speed
Prism 2:	Independent 6-facet circular prism rotating in both directions at variable speed
Frosts:	MagFrost™ - magnetic paddle fast change system providing exchangeable frosts containing as standard a very light 1° for instant softening of the projected gobo or framing shutters, and a medium 5° for even wash, both specifically selected for theatre and TV use
Hot-Spot:	From flat field to 6:1 hot-spot (optional)
Iris:	Motorized, stepless, pulse effects up to 3 Hz
Motorized zoom and focus	
Electronic strobe effect with variable speed up to 20 Hz, pre-programmed random strobe & pulse effects	
High resolution electronic dimming:	0-100%
L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black	
Extremely quiet operation suitable for all types of production in Theatre and TV	

Cpulse™ special flicker-free management for HD and UHD cameras, ready for 8K and 16K

AirLOC™ (Less Optical Cleaning) technology greatly reduces the level of airborne particles drawn over the optical elements. This increases the overall performance, light quality and time between routine cleaning and maintenance.

RIGGING

Mounting positions:	0°, 32°, 90°
Universal operating position	
Mounting points:	5 pairs of 1/4-turn locking points
2x Omega adaptors with 1/4-turn quick locks	
Safety cable attachment point	
Pan and Tilt transport locks	

MECHANICAL SPECIFICATION

Height:	843 mm (33.2") - head in vertical position
Width:	483.5 mm (19")
Depth:	288.5 mm (11.6") - head in vertical position
Weight:	39.8 kg (87.7 lbs)

ELECTRICAL SPECIFICATION AND CONNECTIONS

Power supply: Electronic auto-ranging	
Input voltage range:	100-240 V, 50/60 Hz
Power consumption:	max. 1.250 W
Power connector in:	Neutrik powerCON TRUE1
DMX and RDM data in/out:	Locking 3-pin & 5-pin XLR
Ethernet port in/out:	RJ45 for Embedded Epass™ switch 10/100 Mbps

APPROVALS

CE Compliant
cETLus Compliant

Rotating gobo wheel 1



Rotating gobo wheel 2

