

Specifications

SOURCE

Light source type:	TE™ 650W HP White LED Engine (Patented)	
	HP - High Performance Engine for maximum light output and optimal colour characteristics	
LED Engine output:	55.000 lm	
Fixture total lumen output:	34.000 lm (integrating sphere) 27.000 lm (goniophotometer)	
Colour temperature output:	6.700K	
CRI:	70, remotely selectable filters for CRI 80 and CRI 90	
Illuminance:	85.000 lx @ 5 m	
LED life expectancy:	n. 50.000 hours	
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:	9:1
Zoom range:	5.5°-50°
Output lens diameter:	150 mm
High efficient component optics	
Fixture total lumen output:	up to 27.000 lm
Illuminance:	85.000 lx @5m

DYNAMIC EFFECTS AND FEATURES

Cyan:	0-100 %
Magenta:	0-100 %
Yellow:	0-100 %
Variable CTO:	3.000 - 6.700K
Colour Wheel 1:	5 fixed dichroic colours + white
Colour Wheel 2:	5 fixed dichroic colours + white
Patented Plano4™ framing shutters module with 4 individually positionable blades plus rotation of the complete frame system + - 60°	
Rotating gobo wheel:	7 rotating, indexable and replaceable breakup and aerial gobos + open, patented slot & lock system
Static gobo wheel:	9 static and replaceable gobos + open
Animation wheel:	Aluminium animation wheel, used alone or in combination with gobos, rotating in both directions at variable speed
Prism:	6-facet prism rotating in both directions at variable speed
Iris:	Motorized, stepless, pulse effects up to 3 Hz
Frosts:	MagFrost™ - magnetic paddle fast change system providing
Hot-Spot:	from flat field to 6:1 hot-spot (optional)
Motorized zoom and focus	
Electronic strobe effect with variable speed up to 20 Hz	
High resolution electronic dimming:	0-100 %
L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black	
Cpulse™ special flicker-free management for HD and UHD cameras, ready for 8K and 16K	

MECHANICAL SPECIFICATION

Height:	733 mm (28.9") - head in vertical position
Width:	443 mm (17.4")
Depth:	264 mm (10.4") - head in vertical position
Weight:	28.2 kg (62.2 lbs)
Ingress protection rating:	IP20