GENIO MOBILE

Easily positioned, powerful and with extraordinary manoeuvrability possibilities.

The Mobile version of Genio features all the advantages of a product with high luminous power and a small footprint, but combines them with considerably greater flexibility. The articulated joints of its "arm" structure ensure remarkable mobility of the fixture head, whose wide Pan and Tilt movement (540° and 270°) is motorized (controllable via DMX or remote control unit). This feature further increases the fixture's application possibilities: GENIO MOBILE is ideal wherever intense dynamic lighting effects are required, and perfect integration with the structures to be illuminated is also essential. Small, fast and flexible, it provides powerful diffused lighting, particularly useful for accenting architectural details, perspectives and profiles.

GENIO MOBILE is a concentrate of high-tech features, lightweight (just 6.5 kilos), practical and sturdy, as well as being protected to IP 65.

GENIO MOBILE is also available in a White LED version, with 12 white and 4 amber LEDs.

01: **LED's - the light source that makes the different**

LEDs offers a series of unbeatable advantages over conventional light sources: they have a life of over 100,000 hours at full power, with practically non-existent maintenance.
They generate light that does not emit ultraviolet rays (which are potentially dangerous) nor infrared rays, thus avoiding heating or damaging the objects being illuminated.
All this with considerable energy saving and incomparable colour rendering: for example, the red's intensity is the same as that of a 750W halogen lamp, but consumes less than 100W.
LEDs therefore offer a highly competitive ratio between low consumption and very high efficiency, which also means lower environmental impact.

02: **RGB / Colour temperature**

Additive RGB colour mixing, obtained using a matrix of 4 red, 8 green and 4 blue LEDs, offers an endless range of colour combinations, from the deepest to the softest colours, with an effective control of their tone. Colour temperature is 6.000°K and can be varied in a linear manner, directly on the fixture, according to needs.

03: WHITE LED / COLOUR TEMPERATURE

Temperature colour between 2.000°K and 6.700°K, obtained with a LED matrix: 12 whites and 4 ambers, ensures unlimited possibilities of tones of white, from the warmest the coolest. Linear temperature colour adjustment can be carried out directly on the fixture, according to requirements.

04: INTERCHANGEABLE LENSES

GENIO MOBILE's luminosity is very high 1.800 RGB and 1.800 WHITE LED lumens is currently unparalleled in the LED lighting sector.
The interchangeable lenses**(8° 25°40°)**offer various projection angles and allow **GENIO MOBILE** fixtures to be used at different distances from the objects to be illuminated.

05: SILENT RUNNING

The extraordinary efficiency of **SGM LED LINE** fixtures is absolute silent. In fact, without the use of any kind of forced ventilation, cooling is carried out via convection, by means of the units' rear finning. An electronic self-regulating temperature system ensures continuous operation even in extreme conditions.

06: TOTALLY INDEPENDENT OPERATION

SGM LED LINE fixtures are completely programmable and can be run without the need for any external controller. In 'stand-alone' mode, i.e. using just their on-board microcomputer, it's possible to form systems consisting in several fixtures, up to a maximum of 30 (with 1 'MASTER' and 29 'SLAVES'), which can be programmed independently. The fixtures can also be controlled via computer, or using a DMX control system (such as SGM's REGIA 2048 console). In this case, it's possible to connect dozens of fixtures and control them simultaneously via DMX.

07: CONTROL

GENIO MOBILE functions can be controlled via USITT Standard DMX 512 serial digital signal or RS 232 serial signal.
GENIO MOBILE transmits and receives on 13 DMX channels.

08: PLAYBACK PROGRAMMING FOR A WHOLE WEEK

The on-board menu offers an extremely interesting function for scenographic architectural lighting applications: the possibility of running the completely automatic playback of a series of 48 'events' previously programmed on the fixture and organized to be run one after another over a period of a week.
Each event can include different settings of luminous intensity and colour mixing, shutter effects (strobe, pulse, random strobe), macro (rainbow, random colour), etc.
The order, the precise instant in which they begin, and the duration of each event can be accurately programmed for 7 days directly on the fixture.

09: FUNCTION MENU

GENIO MOBILE has a multi-function menu which is used to:
• configure fixtures according to requirements
• input ''standalone'' programs
• perform self-tests
• report operational status information.
The menu is accessed by means of a user-friendly interface with a 10-digit display.
The on-board software can be upgraded via DMX.

10: INSTALLATION

GENIO MOBILE has unusual, particularly stylish lines that enable it to discreetly fit into the surroundings and harmonically adapt to the architectural elements and settings to be lit.
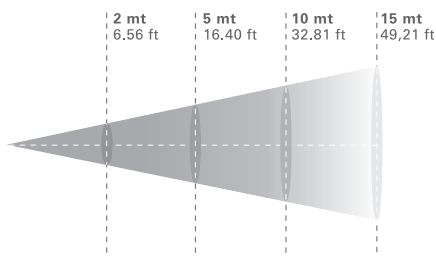**GENIO MOBILE** is preset for various types of installation:
• Floor or wall-mounted by means of four holes on its base, using M6 screws.
• Flown from trussing - even upside down - (by fitting a clamp to the two Fast-Lock holes on its base).
• Floor-standing (on flat surfaces), maintaining utmost stability with any head angle.
GENIO MOBILE's head can be inclined vertically or horizontally, in order to best adapt to the areas and architectural elements to be illuminated.
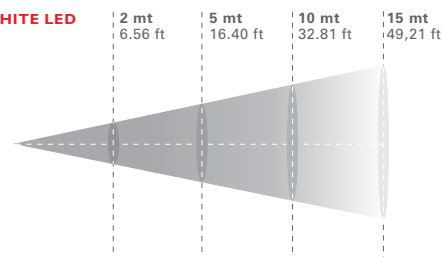Pan: 540°; Tilt: 270°.

GENIO MOBILE
Total Lumen 1.500

8°		2 mt 6.56 ft	5 mt 16.40 ft	10 mt 32.81 ft	15 mt 49,21 ft
	Lux center	7581	1213	303	135
	Foot candles	704,3	112,7	28,2	12,5
	Field size (m)	0,35	0,87	1,75	2,62
	Field size (ft)	1,15	2,87	5,74	8,61

25°					
	Lux center	1538	246	62	27
	Foot candles	142,9	22,9	5,7	2,5
	Field size (m)	0,89	2,22	4,43	6,65
	Field size (ft)	2,91	7,27	14,55	21,82

GENIO MOBILE WHITE LED
Total Lumen 1.800

8°		2 mt 6.56 ft	5 mt 16.40 ft	10 mt 32.81 ft	15 mt 49,21 ft
	Lux center (boost on)	9096	1455	364	162
	Foot candles (boost on)	845,0	135,2	33,8	15,0
	Field size (m)	0,35	0,87	1,75	2,62
	Field size (ft)	1,15	2,87	5,74	8,61

25°					
	Lux center (boost on)	1845	295	74	33
	Foot candles (boost on)	171,4	27,4	6,9	3,0
	Field size (m)	0,89	2,22	4,43	6,65
	Field size (ft)	2,91	7,27	14,55	21,82

DMX CHANNELS

	GENIO MOBILE		GENIO MOBILE WHITE LED	
Ch1	Strobo/Shutter	Various shutter effects (strobe, random-strobe, pulse, at various speeds).	Strobo/Shutter	Various shutter effects (strobe, random-strobe, pulse, at various speeds).
Ch2	Dimmer	Linear 0-100% regulation of luminous intensity.	Dimmer	Linear 0-100% regulation of luminous intensity.
Ch3	Red	Linear 0-100% regulation of red saturation.	White 1	Linear 0-100% regulation of white saturation.
Ch4	Green	Linear 0-100% regulation of green saturation.	White 2	Linear 0-100% regulation of white saturation.
Ch5	Blue	Linear 0-100% regulation of blue saturation.	Amber	Linear 0-100% regulation of amber saturation.
Ch6	CTC	Linear 0-100% regulation of colour temperature.	CTC	Linear 0-100% regulation of colour temperature.
Ch7	Macro	Various scenes with preset colour effects.	Macro	Various scenes with preset colour effects.
Ch8	Color Mode	Customizable white balance.	Color Mode	Customizable white balance.
Ch9	Pan - H	Pan 8 bit Hight.	Pan - H	Pan 8 bit Hight.
Ch10	Pan - L	Pan 16 bit Low.	Pan - L	Pan 16 bit Low.
Ch11	Tilt - H	Pan 8 bit Hight.	Tilt - H	Pan 8 bit Hight.
Ch12	Tilt - H	Pan 16 bit Low.	Tilt - H	Pan 16 bit Low.
Ch13	M Speed	Movement speed	M Speed	Movement speed

SPECIFICATIONS

	GENIO MOBILE	GENIO MOBILE WHITE LED
Color mixing	RGB	-
Luxeon Blue LEDs	4 3W	-
Luxeon Green LEDs	8 3W	-
Luxeon Red LEDs	4 3W	-
Luxeon Amber LEDs	-	4 3W
Luxeon White LEDs	-	12 3W
Luminous flux	1,500 Lumens	1,800 Lumens
Colour temperature	6,000 °K (variable)	2,000 - 6.700 °K (variable)
Consumption	80W	80W
LEDs life (hours)	100,000 at maximum power	100,000 at maximum power
Interchangeable lenses	40°(additional), 25° (additional), 8° (additional)	40°(additional), 25° (additional), 8° (additional)
Power supply full range	AC 90-270V, 50-60Hz	AC 90-270V, 50-60Hz
DMX channels	13	13
Interface	LCD display 3 buttons	LCD display 3 buttons
Internal microcomputer	Large function menu. Software updatable via DMX	Large function menu. Software updatable via DMX
Pan	540°	540°
Tilt	270°	270°
Motorized Pan and Tilt	Movimento controlled via a dedicated IR control unit or DMX.	-
Insulation degree	IP65	IP65
Dimensions in (LxDxH)	9.5 x 10.2 x 11.8	9.5 x 10.2 x 11.8
Weight Kgs/Lbs	6.5/35.3	6.5/35.3
Codes	020_2780	020_2779