



GENIO

GENIO's 16 Luxeon LEDs provide effective decidedly versatile illumination, as it can be easily directed and controlled in any situation.

GENIO is ideal for all applications requiring a constantly precise, even and, above all, powerful light beam, suited to highlighting architectural features, accenting friezes and illuminating buildings, monuments and historical sites, showing the original perspectives at their best.

The effectiveness of the operating features are combined with a low profile and particular lines - which are both compact and flexible - ensuring very easy installation.

With its smart design and great care taken with aesthetic details, it can fit in anywhere, particularly in locations where fixtures installed must have the lowest possible impact.

GENIO offers the same freedom and reliability of large colourchangers, but weighs in at just 4 kilos.

GENIO 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 6.500°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's luminosity is very high 1.500 Lumens RGB and 1.800 WHITE LED is currently unparalleled in the LED lighting sector.

The interchangeable lenses (8°, 25°) offer various projection angles and allow GENIO 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: CONTROL

GENIO functions can be controlled via USITT Standard DMX 512 serial digital signal or RS 232 serial signal.

GENIO transmits and receives on 8 DMX channels.

07: FUNCTION MENU

GENIO features a comprehensive function menu, which enables to:

- configure the fixture according to requirements
- program scenes and on-board calendar, in order to use the fixture without a console
- test fixture components
- obtain information on fixture operation.

GENIO has no display or buttons.

Access to the fixture's internal functions is possible via RDM protocol.

08: INSTALLATION

GENIO 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 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 is suited to indoor and outdoor installation, as it's protected to IP65.

GENIO head and support arm can be inclined vertically and horizontally, in order to best adapt to the areas and architectural elements to be illuminated.

Pan: +/- 135°; Tilt: +/- 135°.

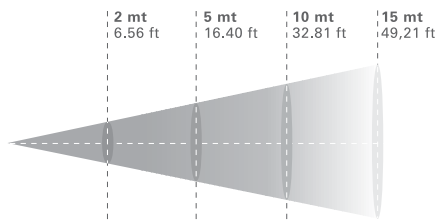
DMX CHANNELS

DMX CHANNELS	GENIO
Ch1	Strobo/ Shutter Various shutter effects (strobe, random-strobe, pulse, at various speeds).
Ch2	Dimmer Linear 0-100% regulation of luminous intensity.
Ch3	Red Linear 0-100% regulation of red saturation.
Ch4	Green Linear 0-100% regulation of green saturation.
Ch5	Blue Linear 0-100% regulation of blue saturation.
Ch6	CTC Linear 0-100% regulation of colour temperature.
Ch7	Macro Various scenes with preset colour effects.
Ch8	Color Mode Customizable white balance.

GENIO WHITE LED

GENIO WHITE LED	
Strobo/ Shutter	Various shutter effects (strobe, random-strobe, pulse, at various speeds).
Dimmer	Linear 0-100% regulation of luminous intensity.
White 1	Linear 0-100% regulation of white saturation.
White 2	Linear 0-100% regulation of white saturation.
Amber	Linear 0-100% regulation of amber saturation.
CTC	Linear 0-100% regulation of colour temperature.
Macro	Various scenes with preset colour effects.
Color Mode	Customizable white balance.

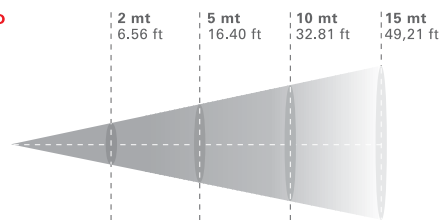
GENIO
Total Lumen 1.500



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°	2 mt 6.56 ft	5 mt 16.40 ft	10 mt 32.81 ft	15 mt 49.21 ft
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 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°	2 mt 6.56 ft	5 mt 16.40 ft	10 mt 32.81 ft	15 mt 49.21 ft
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

SPECIFICATIONS

	GENIO	GENIO 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	60W	60W
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	8	8
	RDM protocol (for internal functions setting)	RDM protocol (for internal functions setting)
Interface	via RDM	via RDM
Internal microcomputer	Software updatable via DMX	Software updatable via DMX
Pan	+/- 135°	+/- 135°
Tilt	+/- 135°	+/- 135°
Insulation degree	IP65	IP65
Dimensions inches (LxDxH)	9.45 x 9.45 x 4.65	9.45 x 9.45 x 4.65
Weight Kgs/Lbs	4/8.82	4/8.82
Codes	020_2769	020_2771