



RIBALTA

RIBALTA provides very high luminous power (3.500 Lumens) from an unusual but surprisingly user-friendly horizontal design. The three-row layout of its ninety high-power Luxeon LEDs increases the functional nature of a fixture designed and built to give its best on vast areas - from large architectural structures to varied urban sites.

Astonishingly easy to install, thanks to its special asymmetric optics, it is particularly effective for illuminating long surfaces, such as facades and perimeter walls.

As well as its very powerful luminous output, **RIBALTA** also produces a wide range of full-bodied deep colours able to cover any area evenly.

This fixture is specifically designed for spectacular artistic illumination and able to fit into any type of location, thanks to its discreet low-profile lines.

Made to be “fitted and forgotten” and protected to IP 65, this fixture is completely maintenance-free.

RIBALTA is also available in a White LED version, with 60 white and 30 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 30 red, 30 green and 30 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: 60 whites and 30 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

RIBALTA's luminosity is very high 3.500 Lumens is currently unparalleled in the LED lighting sector. The interchangeable lenses (8°, asymmetric 30°, elliptical 10° x 22°) offer various projection angles and allow RIBALTA 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

RIBALTA functions can be controlled via USITT Standard DMX 512 serial digital signal or RS 232 serial signal. RIBALTA transmits and receives on 8 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

RIBALTA 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

RIBALTA 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.

For optimum installation flexibility, the unit's head can be removed from the rest of the body.

RIBALTA 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 four Fast-Lock holes on its base).
- Floor-standing (on flat surfaces), maintaining utmost stability with any head angle.

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

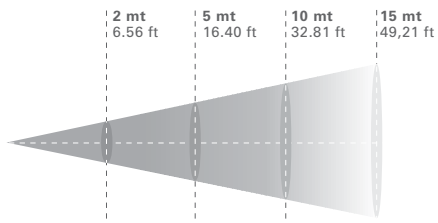
RIBALTA's head can be inclined vertically or horizontally, in order to best adapt to the areas and architectural elements to be illuminated. Pan: +/- 45°; Tilt: +15° / -75°.

DMX CHANNELS

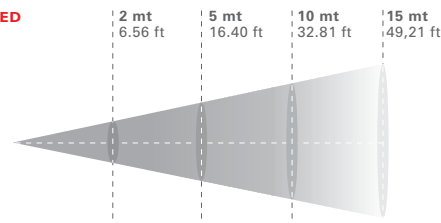
DMX CHANNELS	RIBALTA
Ch1	Strobo/ Shutter Various shutter effects (strobe, random-strobe, pulse, at various speeds).
Ch2	Dimmer Linear 0-100% regulation of luminous intensity.
Ch3	Red Linear 0-100% regulation of red saturation.
Ch4	Green Linear 0-100% regulation of green saturation.
Ch5	Blue Linear 0-100% 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.

RIBALTA WHITE LED

RIBALTA 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.

RIBALTA
Total Lumen 3.500

8° as.	Lux center	11250	2938	735	326
	Foot candles	1045,2	273,0	68,2	30,3
	Field size (m)	0,28	0,70	1,40	2,10
	Field size (ft)	0,92	2,29	4,59	6,88
30° as.	Lux center	6188	1175	294	131
	Foot candles	574,8	109,2	27,3	12,1
	Field size (m)	0,89	2,22	4,43	6,65
	Field size (ft)	2,91	7,27	14,55	21,82
90° x 10°	Lux center	1851	296	74	33
	Foot candles	171,9	27,5	6,9	3,1
	Field size axys A (m)	1,2	3,2	6,4	13,0
	Field size axys A (ft)	3,94	10,50	21,00	42,65
	Field size axys B (m)	0,30	0,50	1,10	2,20
Field size axys B (ft)	0,98	1,64	3,61	7,22	

RIBALTA WHITE LED
Total Lumen 4.200

8°	Lux center (boost on)	13500	3524	881	3952
	Foot candles (boost on)	1254,2	327,4	81,9	36,4
	Lux center (boost off)	13005	2142	536	238
	Field size (m)	0,28	0,70	1,40	2,10
Field size (ft)	0,92	2,29	4,59	6,88	
30°	Lux center (boost on)	7425	1410	352	157
	Foot candles (boost on)	689,8	131,0	32,7	14,6
	Lux center (boost off)	2295	421	105	47
	Field size (m)	0,89	2,22	4,43	6,65
Field size (ft)	2,91	7,27	14,55	21,82	
90° x 10°	Lux center (boost on)	2221	355	89	39
	Foot candles (boost on)	206,3	33,0	8,3	3,7
	Field size axys A (m)	1,2	3,2	6,4	13,0
	Field size axys A (ft)	3,94	10,50	1,10	2,20
	Field size axys B (m)	0,30	0,50	4,04	6,06
Field size axys B (ft)	0,98	1,64	3,61	7,22	

SPECIFICATIONS

	RIBALTA	RIBALTA WHITE LED
Colour mixing	RGB	-
Luxeon Blue LEDs	30 1W	-
Luxeon Green LEDs	30 3W	-
Luxeon Red LEDs	30 1W	-
Luxeon Amber LEDs	-	30 1W
Luxeon White LEDs	-	60 3W
Luminous flux	3.500 Lumens	4.200 Lumens
Colour temperature	6.500 °K (variable)	2.000 - 6.700 °K (variable)
Consumption	180W	180W
LEDs life (hours)	100.000 at maximum power	100.000 at maximum power
Interchangeable lenses	Asymmetric 8°, 30° Elliptical 10°x90°	Asymmetric 8°, 30° Elliptical 10°x90°
Power supply full range	AC 90-270V, 50-60Hz	AC 90-270V, 50-60Hz
DMX channels	8	8
Interface	LED display 3 buttons	LED display 3 buttons
Internal microcomputer	Large function menu. Software updatable via DMX	Large function menu. Software updatable via DMX
Pan	+/- 45°	+/- 45°
Tilt	-15°, -75°	-15°, -75°
Insulation degree	IP65	IP65
Dimensions cm (LxDxH)	31 x 97 x 22,9	31 x 97 x 22,9
Weight Kg	16	16
Codes	020_2712 (with 8° asymmetric lens) 020_2700 (with 30° asymmetric lens) 020_2714 (with 10°x90° elliptical lens)	020_2716 (with 8° asymmetric lens) 020_2715 (with 30° asymmetric lens) 020_2717 (with 10°x90° elliptical lens)