



**BAR 18X40**



## **MANUAL DE USUARIO**

**POR FAVOR LEA ESTE MANUAL ANTES DE CONECTAR SU EQUIPO**

## INSTRUCCIONES GENERALES

Para optimizar la eficiencia de este producto, por favor lea cuidadosamente este manual de operación para familiarizarse con las operaciones básicas de su unidad. Estas instrucciones contienen información de seguridad importante con relación al uso y mantenimiento del producto.

**DESEMPACANDO:** Gracias por comprar productos de iluminación Lite Tek. Cada producto ha sido probado a fondo y enviado en perfectas condiciones de operación. Cheque cuidadosamente que la caja de cartón donde se envía, no presente daños, esto puede haber ocurrido durante su transporte. Si el cartón aparece dañado inspeccione cuidadosamente su equipo por cualquier daño y asegúrese que todos los accesorios necesarios para operar la unidad han llegado intactos.

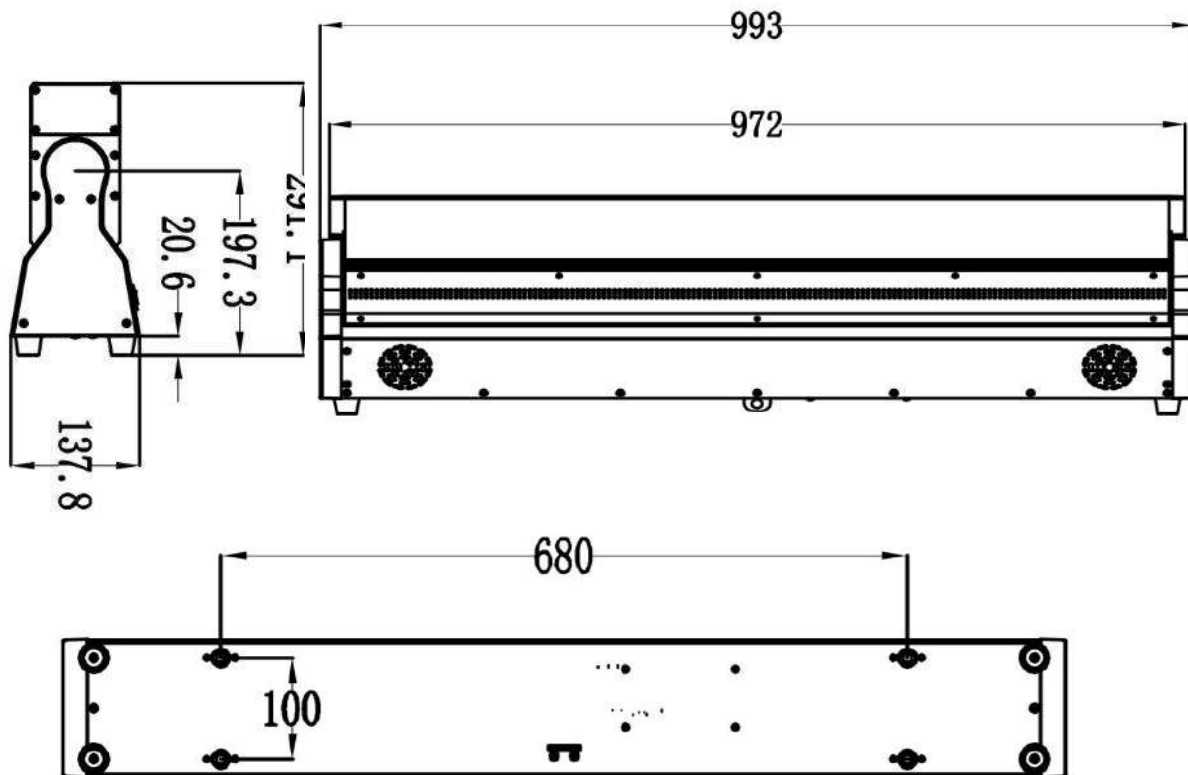
**INTRODUCCIÓN:** La BAR 18X40 es una luminaria excelente para pintar de colores grandes fachadas y áreas largas. Ofrece el control por cada pixel, lo cual la hace aún más versátil.

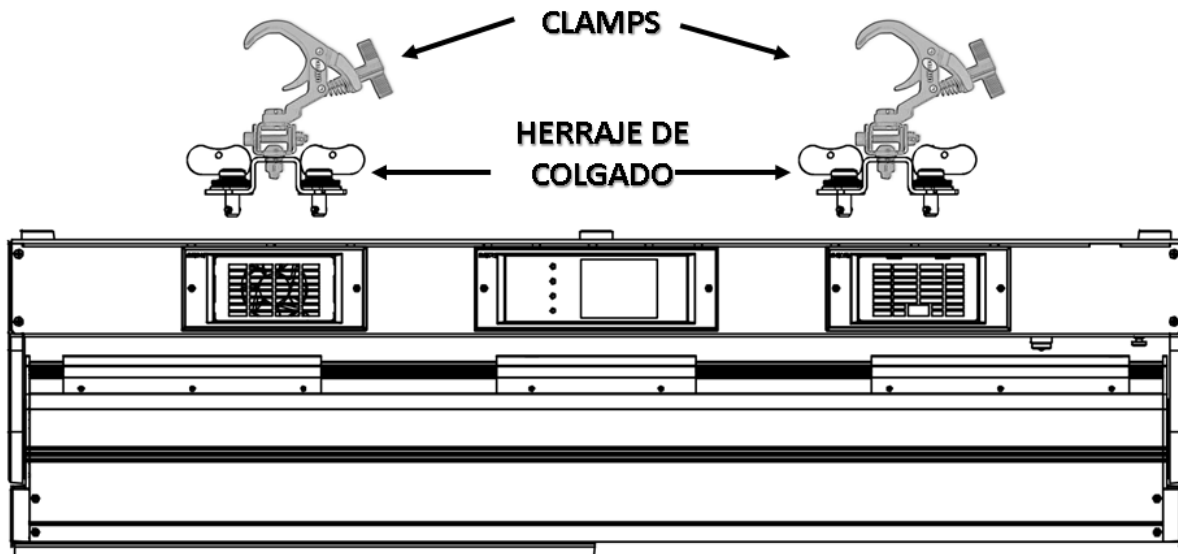
**ADVERTENCIA:** Para prevenir el riesgo de cualquier choque eléctrico o fuego, no exponga la unidad a lluvia o humedad.

**POR FAVOR RECICLE LA ENVOLTURA DE CARTÓN LO MÁS POSIBLE.**

## INSTALACIÓN

La BAR 18X40 incluye 2 herrajes de montaje para poner clamp. Puede trabajar en cualquier posición.





En la misma línea de AC pueden conectarse hasta 6 barras.

## INFORMACIÓN IMPORTANTE

- Favor de mantener la ventilación con una distancia mínima de 1 metro para que sea suficiente.
- La ventilación no debe impedirse cubriendo las aberturas de ventilación con objetos, tales como periódicos, manteles, cortinas, etc.
- **IMPORTANTE:** No situar el aparato sobre fuentes de flama viva, como pueden ser velas encendidas.
- Tener cuidado si es que sitúa el aparato en lugares con climas tropicales y/o templados.
- Favor de conectar a la toma de corriente de la red eléctrica con una conexión de puesta a tierra de protección.
- Las instrucciones para el montaje e interconexión son correctos y seguros del aparato en sistemas multimedia.
- **ADVERTENCIA:** Para evitar daños, este aparato tiene que estar firmemente anclado al suelo/pared según las instrucciones de instalación.
- Favor de no exponer al goteo o el ingreso de agua, de igual forma no deben situar objetos llenos de líquidos como los vasos, sobre el aparato.
- Donde se vaya a conectar el dispositivo, se debe encontrar libre de obstáculos que puedan afectar la función de la clavija o el cordón de alimentación.

## MENU DE CONFIGURACIÓN

<b>Función</b>	<b>Valor</b>	<b>Descripción</b>
ADDRESS	001 – 512	Ajuste de dirección DMX.
DMX MODE	34CH	Modos DMX
	56CH	
	97CH	
	110CH	
	115CH	
	128CH	
TEST	ALL	Modo de prueba completa
SET	Display	Display encendido
	Signal Keep	Mantener ultima señal dmx si se desconecta
	Slave	Modo master slave
	English	Idioma
INFO	Version	V1.11
MANUAL	Tilt	Ajuste manual de funciones
	Zoom1	
	Zoom2	
	Red	
	Green	
	Blue	
	White	
	Strobe	
RESET	Yes	Reset completo

## CARTA DMX

Mode/channel						DMX Value	Function
1	2	3	4	5	6		
1	1	1	1	1	1		Tilt (8 bit)
						0 - 255	Tilt movement by 205° (128=default)
2	2	2	2	2	2		Tilt fine (16 bit)
						0 - 255	Fine control of tilt movement (0=default)
3	3	3	3	3	3		Tilt speed , Tilt time
						0	Standard mode (0=default)
						1	Max. Speed Mode
							Tilt speed mode
						2 - 255	Speed from max. to min.
							Tilt time mode
						2 - 255	Time from 0.2 s to 25.5 sec.
4	4	4	4	4	4		Power/Special functions
						0 -9	Reserved (0=default)



						172-173	Tungsten effect simulation (1000W): On **
						174-175	Tungsten effect simulation (1200W): On **
						176-177	Tungsten effect simulation (2000W): On **
						178-179	Tungsten effect simulation (2500W): On **
						180-181	Tungsten effect simulation: Off
						182-199	Reserved
						200 - 209	Total fixture reset
						210-227	Pixel index
						228-229	Pixel mirror: On
						230-231	Pixel mirror: Off
						232-236	Reserved
						237	Save Pixel index and mirror to fixture
						238-239	Reserved
						240	Disabled "Quiet mode"
						241 - 255	Quiet mode - fan noise control from min. to max.
5	5	5	5	5	5		LED frequency selection
							Factory display menu setting: 300Hz
							Select PWM output frequency of LEDs. Selected PWM frequency can be fine adjusted in 127 steps up/down around selected PWM frequency on the channel below. Corresponding menu item (Frequency Setup) is temporarily overridden.
						0-4	PWM frequency from Display menu (fixture utilizes PWM frequency set in the display menu item Frequency Setup).
						5-9	300 Hz (5=default)
						10-14	Reserved
						15-19	600 Hz
						20-255	Reserved (fixture utilizes PWM frequency set in the display menu item
							Frequency Setup).
6	6	6	6	6	6		LED frequency fine adjusting
							Factory display menu setting: 300Hz

							Select desired PWM output frequency of LEDs on the channel above.
						0-121	Selected LED Frequency
						122	LED Frequency (step -6)
						123	LED Frequency (step -5)
						124	LED Frequency (step -4)
						125	LED Frequency (step -3)
						126	LED Frequency (step -2)
						127	LED Frequency (step -1)
						128	Selected LED Frequency (128=default)
						129	LED Frequency (step +1)
						130	LED Frequency (step +2)
						131	LED Frequency (step +3)
						132	LED Frequency (step +4)
						133	LED Frequency (step +5)
						134	LED Frequency (step +6)
						135-255	Selected LED Frequency
7	7	7	7	7	7		Background -Virtual colour wheel
						0	No function (0=default)
						1-2	Filter 4 (Medium Bastard Amber)
						3-4	Filter 25 (Sunset Red)
						5-6	Filter 19 (Fire)
						7-8	Filter 26 (Bright Red)
						9-10	Filter 58 (Lavender)
						11-12	Filter 68 (Sky Blue)
						13-14	Filter 36 (Medium Pink)
						15-16	Filter 89 (Moss Green)
						17-18	Filter 88 (Lime Green)
						19-20	Filter 90 (Dark Yellow Green)
						21-22	Filter 49 (Medium Purple)
						23-24	Filter 52 (Light Lavender)
						25-26	Filter 102 (Light Amber)
						27-28	Filter 103 (Straw)
						29-30	Filter 140 (Summer Blue)
						31-32	Filter 124 (Dark Green)
						33-34	Filter 106 (Primary Red)
						35-36	Filter 111 (Dark Pink)
						37-38	Filter 115 (Peacock Blue)
						39-40	Filter 126 (Mauve)
						41-42	Filter 117 (Steel Blue)
						43-44	Filter 118 (Light Blue)
						45-46	Filter 122 (Fern Green)
						47-48	Filter 182 (Light Red)
						49-50	Filter 121 (Filter Green)
						51-52	Filter 128 (Bright Pink)

					53-54	Filter 131 (Marine Blue)
					55-56	Filter 132 (Medium Blue)
					57-58	Filter 134 (Golden Amber)
					59-60	Filter 135 (Deep Golden Amber)
					61-62	Filter 136 (Pale Lavender)
					63-64	Filter 137 (Special Lavender)
					65-66	Filter 138 (Pale Green)
					67-68	Filter 798 (Chrysalis Pink)
					69-70	Filter 141 (Bright Blue)
					71-72	Filter 147 (Apricot)
					73-74	Filter 148 (Bright Rose)
					75-76	Filter 152 (Pale Gold)
					77-78	Filter 154 (Pale Rose)
					79-80	Filter 157 (Pink)
					81-82	Filter 143 (Pale Navy Blue)
					83-84	Filter 162 (Bastard Amber)
					85-86	Filter 164 (Flame Red)
					87-88	Filter 165 (Daylight Blue)
					89-90	Filter 169 (Lilac Tint)
					91-92	Filter 170 (Deep Lavender)
					93-94	Filter 172 (Lagoon Blue)
					95-96	Filter 194 (Surprise Pink)
					97-98	Filter 180 (Dark Lavender)
					99-100	Filter 181 (Congo Blue)
					101-102	Filter 197 (Alice Blue)
					103-104	Filter 201 (Full C.T. Blue)
					105-106	Filter 202 (Half C.T. Blue)
					107-108	Filter 203 (Quarter C.T. Blue)
					109-110	Filter 204 (Full C.T. Orange)
					111-112	Filter 219 (Fluorescent Green)
					113-114	Filter 206 (Quarter C.T. Orange)
					115-116	Filter 247 (Filter Minus Green)
					117-118	Filter 248 (Half Minus Green)
					119-120	Filter 281 (Three Quarter C.T. Blue)
					121-122	Filter 285 (Three Quarter C.T. Orange)
					123-124	Filter 352 (Glacier Blue)
					125-126	Filter 353 (Lighter Blue)
					127-128	Filter 507 (Madge)
					129-130	Filter 778 (Millennium Gold)
					131-132	Filter 793 (Vanity Fair)
					133-235	Raw DMX
					236-245	Rainbow effect (with fade time) from slow-> fast
					246-255	Rainbow effect (without fade time) from slow-> fast



8	8	8	8	8	8		Background - Red/Cyan (8 bit)***
						0 - 255	Colour saturation control - coarse 0-100% (255=default)
*	9	9	9	9	9		Background - Red/Cyan (16bit)***
						0 - 255	Colour saturation control - fine (255=default)
9	10	10	10	10	10		Background - Green/Magenta (8 bit)***
						0 - 255	Colour saturation control - coarse 0-100% (255=default)
*	11	11	11	11	11		Background - Green/Magenta (16bit) ***
						0 - 255	Colour saturation control - fine (255=default)
10	12	12	12	12	12		Background - Blue/Yellow (8 bit)***
						0 - 255	Colour saturation control - coarse 0-100% (255=default)
*	13	13	13	13	13		Background - Blue/ Yellow (16bit)***
						0 - 255	Colour saturation control - fine (255=default)
11	14	14	14	14	14		Background - White (8 bit) - all pixels
							If RGBW mode is selected:
						0-255	Colour saturation control - coarse 0-100% (255=default)
							If CMY mode is selected:
						0 - 255	No function
*	15	15	15	15	15		Background - White (16 bit) - all pixels
						0 - 255	Colour saturation control - fine (255=default)
12	16	16	16	16	16		Background - CTC
						0-255	Col. temperature correction from 8000K to 2700K -for whites only
							(0=8000K, 64=5600K, 128=4200K, 192=3200K, 255=2700K)
							To get colour temperatures stated above, RGBW channels have to be set at the same value (e.g. 255DMX) or RGB=0 and White channel > 0 DMX (0=default)

							(To activate Tungsten effect at 2700K and 3200K , set DMX value at "Power/Special functions" channel)
13	17	17	17	17	17		Background - Shutter/ strobe
						0 - 31	Shutter closed
						32 - 63	Shutter open (32=default)
						64 - 95	Strobe effect from slow to fast
						96 - 127	Shutter open
						128 - 143	Opening pulse in sequences from slow to fast
						144 - 159	Closing pulse in sequences from fast to slow
						160 - 191	Shutter open
						192 - 223	Random strobe effect from slow to fast
						224 - 255	Shutter open
14	18	18	18	18	18		Background - Dimmer intensity (8 bit)
						0 - 255	Dimmer intensity from 0% to 100% (255=default)
*	19	19	19	19	19		Background Dimmer intensity - fine (16 bit)
						0 - 255	Fine dimming (255=default)
15	20	20	20	20	20		Colour Mix control
							The channel defines relation between color channels
							IF Flower effect is active, its colour channels always have priority!
							Global = Global Colours (RGBW colours, Virtual Colour Wheel, CTC)
							Pixel = Pixel Colours (RGB individual pixels or Kling-Net)
						0-9	Global colours (Global has priority)
						10-19	Maximum mode (highest values have priority)
						20-29	Minimum mode (lowest values have priority)
						30-39	Multiply mode (multiply Global and Pixel)
						40-49	Addition mode (Global + Pixel) (45=default)
						50-59	Subtraction mode (Global – Pixel)

						60-69	Inverted Subtraction mode (Pixel – Global)
						70-79	Coloured background
						80-127	Raw DMX
						128	Global colours only (Global has priority)
						129-254	Crossfade (crossfade between Global and Pixel)
						255	Pixel colours (Pixel has priority)
16	21	21	21	21	21		Flower Effect 1
						0	Open position-without Flower Effect (0=default)
						1 - 127	Flower Effect forwards rotation from fast to slow
						128	Flower Effect -without rotation
						129-255	Backwards rotation from slow to fast
17	22	22	22	22	22		Flower Effect 1 - Red/Cyan (8 bit)
						0 - 255	Colour saturation control - coarse 0-100% (255=default)
18	23	23	23	23	23		Flower Effect 1 - Green/Magenta (8 bit)
						0 - 255	Colour saturation control - coarse 0-100% (255=default)
19	24	24	24	24	24		Flower effect 1 - Blue/Yellow (8 bit)
						0 - 255	Colour saturation control - coarse 0-100% (255=default)
20	25	25	25	25	25		Flower Effect 1 - White (8 bit)
						0-255	Colour saturation control - coarse 0-100% (255=default)
21	26	26	26	26	26		Flower Effect 1 - Shutter/ strobe
						0 - 31	Shutter closed
						32 - 63	Shutter open (32=default)
						64 - 95	Strobe-effect from slow to fast
						96 - 127	Shutter open
						128 - 143	Opening pulse in sequences from slow to fast
						144 - 159	Closing pulse in sequences from fast to slow
						160 - 191	Shutter open
						192 - 223	Random strobe-effect from slow to fast
						224 - 255	Shutter open
22	27	27	27	27	27		Flower Effect 1 - Dimmer intensity (8 bit)

						0 - 255	Dimmer intensity from 0% to 100% (255=default)
23	28	28	28	28	28		Flower Effect 2
						0	Open position-without Flower Effect (0=default)
						1 - 127	Flower Effect forwards rotation from fast to slow
						128	Flower Effect -without rotation
						129-255	Backwards rotation from slow to fast
24	29	29	29	29	29		Flower Effect 2 - Red/Cyan (8 bit)
						0 - 255	Colour saturation control - coarse 0-100% (255=default)
25	30	30	30	30	30		Flower Effect 2 - Green/Magenta (8 bit)
						0 - 255	Colour saturation control - coarse 0-100% (255=default)
26	31	31	31	31	31		Flower effect 2 - Blue/Yellow (8 bit)
						0 - 255	Colour saturation control - coarse 0-100% (255=default)
27	32	32	32	32	32		Flower Effect 2 - White (8 bit)
						0-255	Colour saturation control - coarse 0-100% (255=default)
28	33	33	33	33	33		Flower Effect 2 - Shutter/ strobe
						0 - 31	Shutter closed
						32 - 63	Shutter open (32=default)
						64 - 95	Strobe-effect from slow to fast
						96 - 127	Shutter open
						128 - 143	Opening pulse in sequences from slow to fast
						144 - 159	Closing pulse in sequences from fast to slow
						160 - 191	Shutter open
						192 - 223	Random strobe-effect from slow to fast
						224 - 255	Shutter open
29	34	34	34	34	34		Flower Effect 2 - Dimmer intensity (8 bit)
						0 - 255	Dimmer intensity from 0% to 100% (255=default)
30	35	35	35	35	35		Master Zoom
						0-255	Zoom from max. to min.beam angle (128=default)
*	36	36	36	36	36		Master Zoom - fine
						0-255	Fine zooming (0=default)
31	37	37	37	37	37		Zoom 1

						0-255	Zoom from max. to min.beam angle (128=default)
*	38	38	38	38	38		Zoom 1 - fine
						0-255	Fine zooming (0=default)
32	39	39	39	39	39		Zoom 2
						0-255	Zoom from max. to min.beam angle (128=default)
*	40	40	40	40	40		Zoom 2- fine
						0-255	Fine zooming (0=default)
*	41	*	*	41	41		Pattern selection
						0-2	No pattern (0=default)
						3-4	Pattern 1
						5-6	Pattern 2
						7-8	Pattern 3
						9-10	Pattern 4
						11-12	Pattern 5
						13-14	Pattern 6
						15-16	Pattern 7
						17-18	Pattern 8
						19-20	Pattern 9
						21-22	Pattern 10
						23-24	Pattern 11
						25-26	Pattern 12
						27-255	RAW DMX
*	42	*	*	42	42		Pattern - Repeat (Size)
						0-2	Variant 1 (0=default)
						3-4	Variant 2
						5-6	Variant 3
						7-8	Variant 4
						9-10	Variant 5
						11-12	Variant 6
						13-14	Variant 7
						15-16	Variant 8
						17-18	Variant 9
						19-20	Variant 10
						21-22	Variant 11
						23-24	Variant 12
						25-26	Variant 13
						27-28	Variant 14
						29-30	Variant 15
						31-32	Variant 16
						33-34	Variant 17
						35-255	Raw DMX
*	43	*	*	43	43		Pattern - Movement
						0	No movement
						1-127	Pattern movement from fast to slow



						87-92	Macro 15
						93-98	Macro 16
						99-104	Macro 17
						105-110	Macro 18
						111-116	Macro 19
						117-122	Macro 20
						123-128	Macro 21
						129-134	Macro 22
						135-140	Macro 23
						141-255	Raw DMX
*	52	*	*	52	52		Pattern - Shutter/ strobe
						0 - 31	Shutter closed
						32 - 63	Shutter open (32=default)
						64 - 95	Strobe effect from slow to fast
						96 - 127	Shutter open
						128 - 143	Opening pulse in sequences from slow to fast
						144 - 159	Closing pulse in sequences from fast to slow
						160 - 191	Shutter open
						192 - 223	Random strobe effect from slow to fast
						224 - 255	Shutter open
*	53	*	*	53	53		Pattern - Dimmer intensity (8 bit)
						0 - 255	Dimmer intensity from 0% to 100% (255=default)
33	54	41	41	54	54		Master Shutter/ strobe
						0 - 31	Shutter closed
						32 - 63	Shutter open (32=default)
						64 - 95	Strobe effect from slow to fast
						96 - 127	Shutter open
						128 - 143	Opening pulse in sequences from slow to fast
						144 - 159	Closing pulse in sequences from fast to slow
						160 - 191	Shutter open
						192 - 223	Random strobe effect from slow to fast
						224 - 255	Shutter open
34	55	42	42	55	55		Master Dimmer intensity (8 bit)
						0 - 255	Dimmer intensity from 0% to 100% (0=default)
*	56	43	43	56	56		Master Dimmer intensity - fine (16 bit)
						0 - 255	Fine dimming (0=default)
*	*	44	44	57	57		Red pixel 1

						0-255	Red LED saturation control 0-100% (0=default)
*	*	45	45	58	58		Green pixel 1
						0-255	Green LED saturation control 0-100% (0=default)
*	*	46	46	59	59		Blue pixel 1
						0-255	Blue LED saturation control 0-100% (0=default)
*	*	*	47	*	60		White pixel 1
						0-255	White LED saturation control 0-100% (0=default)
							:
*	*	95	112	108	125		Red pixel 18
						0-255	Red LED saturation control 0-100% (0=default)
*	*	96	113	109	126		Green pixel 18
						0-255	Green LED saturation control 0-100% (0=default)
*	*	97	114	110	127		Blue pixel 18
						0-255	Blue LED saturation control 0-100% (0=default)
*	*	*	115	*	128		White pixel 18
						0-255	White LED saturation control 0-100% (0=default)

MODELO: **BAR 18X40**

**ESPECIFICACIONES TECNICAS**

ENTRADA: 110-220 V~ 50-60 Hz 400 W 2.5 A

SALIDA: 110-220 V~ 50-60 Hz 400 W 2.5 A

**CARACTERISTICAS:**

18 LEDS DE 40W RGBW 4 EN 1 LED MULTICHIP.

ZOOM 4° – 45°.

MODOS DE OPERACIÓN: DMX512, AUTO, MASTER-SLAVE- AUDIO.

MODOS DMX: 34, 56, 97, 110, 115 Y 128 CANALES.

CONTROL INDIVIDUAL POR CADA PIXEL.

VARIABLE CTO 2700 – 8000 K.

DIMMER 0-100% DE ALTA RESOLUCIÓN.

TILT 205° 16 BIT DE RESOLUCION.

MEDIDAS: 993 X 137.8 X 291 mm.

	Modelo: BAR 18X40 Hecho en: CHINA
	
DESTELLADOR ELECTRONICO Especificaciones Eléctricas: ENTRADA:110-220 V~ 50-60 Hz 400 W 2.5 A SALIDA: 110-220 V~ 50-60 Hz 400 W 2.5 A	
<b>Producto Importado por:</b> Mubarzia S.A. DE C. V. Calle 21 Norte #3203 Int. B Col. Las Cuartillas C.P. 72050. Puebla, Puebla, México. RFC: MUB190704MT2 <b>*VEASE INSTRUCTIVO ANEXO*</b>	