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Part 1. Firmware / User manuals / DMX charts

		White (1)	Tunable White (2)	RGBW (3)	6C (4)	8C (5)	
50W	Fresnel PC Profile	1A Firmware 1.09 User manual 1A DMX chart 1A					NO WIRELESS
100W	Fresnel PC Profile						
200W	Fresnel PC Profile						
300W	Cyclorama			3 Firmware 1.01 User manual 3 DMX chart 3			WIRELESS READY
	Fresnel PC Profile Followspot	1B Firmware 1.03 User manual 1B DMX chart 1B	2 Firmware 1.06 User manual 2 DMX chart 2		4 Firmware 1.22 User manual 4 DMX chart 4		
700W	Fresnel PC Profile Followspot					5 Firmware x User manual 5 DMX chart 5	
				STAND ALONE			

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Part 3. How to

HOW TO EMULATE THE PERFORMANCE OF HALOGEN

Delay

OPTIONS → LED DELAY = 1000ms (standard delay of a halogen source)

Amber shift

OPTIONS → AMBER SHIFT = ON

OPTIONS → DIMMING CURVE = HALO

DMX PERSONALITY / CCT PRESET = 3200K

Dimmer curve

OPTIONS → DIMMING CURVE = HALO

HOW TO CHANGE THE COLOR TEMPERATURE (CCT)

It is necessary to choose a DMX PERSONALITY which allows the management of the CCT PRESET.

After that it is possible to set the desired value, within this range...

- 6 colours: 1500K-20000K
- RGBW: 2700K-8000K
- TW: 2700K-6500K

HOW TO SET THE SILENT MODE

Silent mode

OPTIONS → FAN MODE = SILENT

HOW TO SET THE DISPLAY

Display OFF

OPTIONS → DISPLAY = OFF (OFF in 60 seconds)

Display upside down

OPTIONS → DISPLAY ROTATION = STANDARD or ROTATED

HOW TO REMOVE FLICKERING EFFECT IN CAMERAS

Output frequency

OPTIONS → OUTPUT FREQUENCY = xxx

NOTE: Find by trial and error (fine adjustment) the value that removes the flicker in the camera

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HOW TO SET THE PRESETS (COLOUR E CCT)

Possibile richiamare dei *preset standard* o *preset custom*

Per impostare un colore disponibile tra i *preset standard*:

COLOUR PRESET à si inserisce il valore DMX relativo al colore che si desidera richiamare

Per creare un *preset custom*, due metodi:

1) locale sul faro:

SETTINGS à STAND ALONE à CUSTOM PRESETS à CUSTOM PRESET 1 à impostare il color mix desiderato usando la rotella e il tasto confirm à CONFIRM finale per salvare (flashata)

2) da remoto (solo da consolle in real-time non programmabile):

Entrare nel menù SERVICE 1 e scegliere il parametro da modificare (es. CUSTOM PRESET 1) impostando un valore DMX nel range DMX indicato utilizzando la consolle e restando fermi su quel valore.

Contemporaneamente si impostano i mix di colore desiderato.

Per salvare il colore nel preset bisogna entrare in STROBE & STORE à STORE 1 à impostare un valore DMX nel range DMX indicato per minimo 5 secondi ed attendere i 5 flash finali del faro.

Solo dopo questi flash la programmazione è avvenuta con successo e il colore è richiamabile in quel preset (CUSTOM PRESET 1).

Part 4. User manual White 50-100-200W

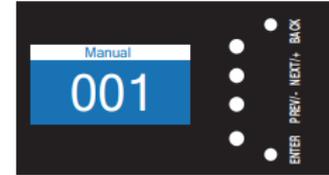
MENU

When switched on, the installed software version is displayed, followed by the display of the default settings, ie the currently set operating mode.

When switched on, the installed software version is displayed, followed by the display of the default settings, ie the currently set operating mode:

- Manual, for use with a potentiometer
- 1-3-channel mode, for DMX/RDM mode followed by the DMX address assigned to the unit.

By pressing the ENTER key you access the settings and browse through the submenus by pressing the NEXT and PREV buttons, which in case of value type entries will have the function of increasing or decreasing the values; the changes can be confirmed with the ENTER button or canceled with the BACK button.



OPERATING MODE

All the luminaires are designed to be used in different operating modes:

- LOCAL POTENTIOMETER
- DMX
- RDM

Input priority is given:

- in absence of the DMX signal, the value set with the potentiometer will be active
- when there is the DMX signal the relevant signal is followed and the potentiometer will be ignored
- if the DMX signal is eliminated or lost, the DMX set level is kept until you act on the potentiometer, which will set the new value

HARDWARE

	<ul style="list-style-type: none"> ① Suspension yoke ② Handle for tilt regulation ③ Accessory slots ④ Accessory locking spring ⑤ Zoom adjustment knob ⑥ DMX IN connector ⑦ DMX THRU connector ⑧ Display and menu buttons ⑨ Light Intensity adjustment knob (in Manual mode)
	<ul style="list-style-type: none"> ① Suspension yoke ② Handle for tilt regulation ③ Accessory guides ④ Accessory locking spring ⑤ Zoom adjustment knob ⑥ DMX IN connector ⑦ DMX THRU connector ⑧ Display buttons ⑨ Power IN (Powercon connector) ⑩ Power OUT (Powercon connector) ⑪ Light intensity adjustment knob (in Local Potentiometer mode) ⑫ Fuse holder

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SETTINGS

Voce		Valori	Description
DMX SETTINGS	DMX ADDRESS	1 (default) ... xxx	
	DMX MODE	See related table	
OPTIONS	LED DELAY	OFF 30 ms 60 ms 120 ms (default) ... 240 ms	Delay time on LED output. This parameter is ignored when you select a personality containing the "DELAY" channel
	DIMMING CURVE	LINEAR QUADRATIC (default)	Gamma correction
	OUTPUT FREQUENCY	500 Hz 800 Hz 1000 Hz (default) 1500 Hz 3000 Hz 5000 Hz 10000 Hz 15000 Hz 20000 Hz	
	LED BOOST	ON (default) OFF	When confirmed the luminaire switches off for 1 second The LED BOOST function allows +20% in light output, but it is exclusively compatible with FAN MODE = AUTO
	FAN MODE	AUTO (default) STANDARD SILENT	AUTO: the fans are automatically adjusted based on the LED temperature.(where variable fan noise is not a critical parameter) STANDARD: the fans are always kept at the default value (where a constant background noise is required without varying brightness) SILENT: the fans are always kept at the minimum value (the fans work at minimum and in case of critical temperatures of the LED it automatically reduces the brightness)
	DISPLAY ROTATION	STANDARD (default) ROTATED	180° rotation of the display. Standard = keys to the right of the display
	DISPLAY ON/OFF	ON (default) OFF	ON: always ON OFF: OFF in 60 seconds
	DEFAULT SETTINGS		It sets the default for all the user parameters
	FACTORY SETTINGS		NOTE: Not for final users
INFO	LED TEMPERATURE	°C	NOTE: All the fixtures are equipped with a temperature control of the LED and of the driver motherboard, which, to avoid an early deterioration in case of overtemperature, regulates the light intensity
	BOARD TEMPERATURE	°C	Motherboard edges temperature
	LED TIME	hr - min	Output operation time
	UNIT TIME	hr - min	Unit operation time
	SOFTWARE VERSION	V. Release date	

DMX MODE (DMX CHART 1A)

A. 1ch / 8BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)

B. 2ch / 8BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	STROBO	0 1..255	OFF from slow (3,86 s) to fast (30 ms)

C. 3ch / 16BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	DIMMER FINE	0..255	from OFF (0) to full (255)
3 ch	STROBO	0 1..255	OFF from slow (3,86 s) to fast (30 ms)

Part 5. User manual White 300-700W

MENU

When switched on, the installed software version is displayed, followed by the display of the default settings, ie the currently set operating mode.

<p>If the luminaire is DMX controlled, after 3 seconds the display will show the mode and DMX address</p>	
<p>Otherwise it will show the potentiometers status</p>	
<p>By pressing the SETUP button you access the menu setup.</p> <p>With the PREV and NEXT buttons you can scroll the items list which in case of value type entries will have the function of increasing (+) or decreasing (-) the values.</p> <p>The ENTER button allows to access the submenu and change the values which can be confirmed by pressing ENTER or canceled with the BACK button, which can be used also to exit the submenu and go back to the main menu.</p>	

OPERATING MODE

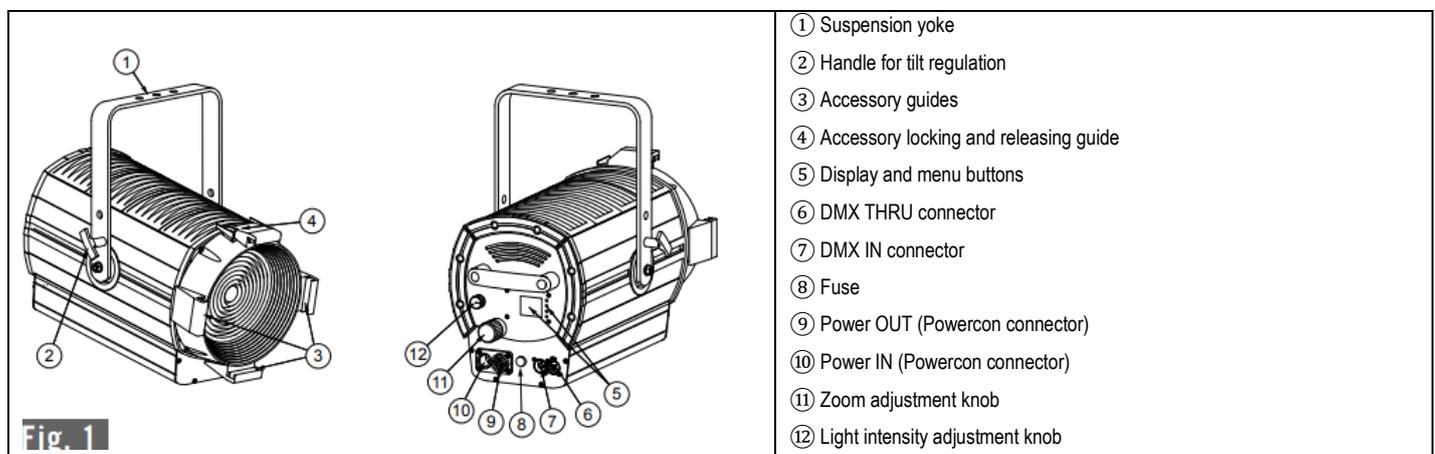
All the luminaires are designed to be used in different operating modes:

- LOCAL POTENTIOMETER
- DMX (Wireless optional)
- RDM

Input priority is given:

- in absence of the DMX signal, the value set with the potentiometer will be active
- when there is the DMX signal the relevant signal is followed and the potentiometer will be ignored
- if the DMX signal is eliminated or lost, the DMX set level is kept until you act on the potentiometer, which will set the new value

HARDWARE



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SETTINGS

Voce			Valori	Description
DMX SETTINGS	DMX ADDRESS		1 (default) ... xxx	
	DMX MODE		See related table	
	WIRELESS DMX	ACTIVATION		ON OFF (default)
UNLINK			Enter to unlink Esc to exit	To unlink the fixture from the wireless DMX transmitter
OPTIONS	LED DELAY		OFF 50 100 150 200 240 300 350 400 450 500 600 700 800 900 1000 (default) 1200 1400 1600 1800 2000	
	DIMMING CURVE		LINEAR QUADRATIC (default) HALO	Gamma correction
	OUTPUT FREQUENCY		500 Hz 800 Hz 1000 Hz (default) 1500 Hz 3000 Hz 5000 Hz 10000 Hz 15000 Hz 20000 Hz	
	LED BOOST		ON OFF (default)	When confirmed the luminaire switches off for 1 second The LED BOOST function allows +20% in light output, but it is exclusively compatible with FAN MODE = AUTO
	FAN MODE		AUTO (default) STANDARD SILENT	AUTO: the fans are automatically adjusted based on the LED temperature. (where variable fan noise is not a critical parameter) STANDARD: the fans are always kept at the default value (where a constant background noise is required without varying brightness) SILENT: the fans are always kept at the minimum value (the fans work at minimum and in case of critical temperatures of the LED it automatically reduces the brightness)
	DISPLAY ROTATION		STANDARD (default) ROTATED	180° rotation of the display. Standard = keys to the right of the display
	DISPLAY ON/OFF		ON (default) OFF	ON: always ON OFF: OFF in 60 seconds
	DEFAULT SETTINGS			It sets the default for all the user parameters
	FACTORY SETTINGS			NOTE: Not for final users
INFO	LED TEMPERATURE		°C	NOTE: All the fixtures are equipped with a temperature control of the LED and of the driver motherboard, which, to avoid an early deterioration in case of overtemperature, regulates the light intensity
	LED TIME		hr - min	Output operation time
	UNIT TIME		hr - min	Unit operation time
	SOFTWARE VERSION		V. Release date	

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DMX MODE (DMX CHART 1B)

A. 1ch / 8BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)

B. 3ch / 8BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	STROBO & STORE	0	INACTIVE
		1..200	from slow (3,86 s) to fast (30 ms)
		201..225	FREE
		226..230	To store the desired fixture parameters: select manually the desired parameter in SERVICE --> enter in STROBE & STORE --> hold for 5 seconds a DMX value (226..230).
231...255	FREE		
3 ch	SERVICE	0..255	See related table

C. 6ch / 16BIT

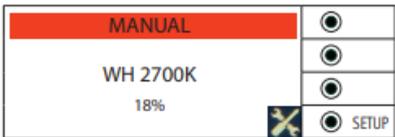
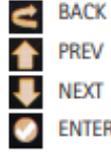
	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	DIMMER FINE	0..255	from OFF (0) to full (255)
3 ch	DELAY	See related table	
4 ch	FAN	0..255	from minimum to maximum
5 ch	STROBO & STORE	0	INACTIVE
		1..200	from slow (3,86 s) to fast (30 ms)
		201..225	FREE
		226..230	To store the desired fixture parameters: select manually the desired parameter in SERVICE --> enter in STROBE & STORE --> hold for 5 seconds a DMX value (226..230).
231...255	FREE		
6 ch	SERVICE	See related table	

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Part 6. User manual Tunable White

MENU

When switched on, the installed software version is displayed, followed by the display of the default settings, ie the currently set operating mode.

<p>If the luminaire is DMX controlled, after 3 seconds the display will show the mode and DMX address</p>	
<p>Otherwise it will show the potentiometers status</p>	
<p>By pressing the SETUP button you access the menu setup.</p> <p>With the PREV and NEXT buttons you can scroll the items list which in case of value type entries will have the function of increasing (+) or decreasing (-) the values.</p> <p>The ENTER button allows to access the submenu and change the values which can be confirmed by pressing ENTER or canceled with the BACK button, which can be used also to exit the submenu and go back to the main menu.</p>	

OPERATING MODE

All the luminaires are designed to be used in different operating modes:

- LOCAL POTENTIOMETER
- DMX (Wireless optional)
- RDM

Input priority is given:

- in absence of the DMX signal, the value set with the potentiometer will be active
- when there is the DMX signal the relevant signal is followed and the potentiometer will be ignored
- if the DMX signal is eliminated or lost, the DMX set level is kept until you act on the potentiometer, which will set the new value

HARDWARE

	<ul style="list-style-type: none"> ① Suspension yoke ② Handle for tilt regulation ③ Accessory guides ④ Accessory locking and releasing guide ⑤ Handles for lens adjustment: focus and zoom ⑥ Levers for framing shutters adjustment ⑦ Display and menu buttons ⑧ DMX THRU connector ⑨ DMX IN connector ⑩ Fuse ⑪ Power OUT (Powercon connector) ⑫ Power IN (Powercon connector) ⑬ CCT / Colour Wheel adjustment knob (in Local Potentiometer mode) ⑭ Light intensity adjustment knob (in Local Potentiometer mode) ⑮ Screw for front housing removal ⑯ Front housing rotation stop knob ⑰ Front housing access door screw for lenses cleaning ⑱ Gobo slot sliding cover
	<ul style="list-style-type: none"> ① Suspension yoke ② Handle for tilt regulation ③ Accessory guides ④ Accessory locking and releasing guide ⑤ Display and menu buttons ⑥ DMX THRU connector ⑦ DMX IN connector ⑧ Fuse ⑨ Power OUT (Powercon connector) ⑩ Power IN (Powercon connector) ⑪ Zoom adjustment knob ⑫ CCT / Colour Wheel adjustment knob (in Local Potentiometer mode) ⑬ Light intensity adjustment knob (in Local Potentiometer mode)

You can adjust the light intensity using the potentiometer "DIMMER" and choose the colour temperature through the potentiometer "CCT" according to the following values:

- 2700 K
- 3000 K
- 3200 K
- 3500 K
- 4000 K
- 5600 K
- 6500 K

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SETTINGS

Voce			Valori	Description	
DMX SETTINGS	DMX ADDRESS		1 (default) ... xxx		
	DMX MODE		See related table		
	WIRELESS DMX	ACTIVATION		ON OFF (default)	Switch ON/OFF the wireless DMX module
UNLINK			Enter to unlink Esc to exit	To unlink the fixture from the wireless dmx transmitter	
OPTIONS	LED DELAY		OFF 50 100 150 200 240 300 350 400 450 500 600 700 800 900 1000 (default) 1200 1400 1600 1800 2000		
	DIMMING CURVE		LINEAR QUADRATIC (default) HALO	Gamma correction	
	OUTPUT FREQUENCY		500 Hz 800 Hz 1000 Hz (default) 1500 Hz 3000 Hz 5000 Hz 10000 Hz 15000 Hz 20000 Hz	PWM LED frequency	
	LED BOOST		ON OFF (default)	When confirmed the luminaire switches off for 1 second The LED BOOST function allows +20% in light output, but it is exclusively compatible with FAN MODE = AUTO	
	FAN MODE		AUTO (default) STANDARD SILENT	AUTO: the fans are automatically adjusted based on the LED temperature.(where variable fan noise is not a critical parameter) STANDARD: the fans are always kept at the default value (where a constant background noise is required without varying brightness) SILENT: the fans are always kept at the minimum value (the fans work at minimum and in case of critical temperatures of the LED it automatically reduces the brightness)	
	DISPLAY ROTATION		STANDARD (default) ROTATED	180° rotation of the display. Standard = keys to the right of the display	
	DISPLAY ON/OFF		ON (default) OFF	ON: always ON OFF: OFF in 60 seconds	
	LED CALIBRATION	WW1 calib.		0..255 (default)	
		WW2 calib.		0..255 (default)	
		CW1 calib.		0..255 (default)	
		CW2 calib.		0..255 (default)	
	DEFAULT SETTINGS			It sets the default for all the user parameters	
	FACTORY SETTINGS			NOTE: Not for final users	
INFO	LED TEMPERATURE		°C	NOTE: All the fixtures are equipped with a temperature control of the LED and of the driver motherboard, which, to avoid an early deterioration in case of overtemperature, regulates the light intensity	
	WARM WHITE TIME		hr - min	Warm LED life hours	
	COLD WHITE TIME		hr - min	Cold LED life hours	
	UNIT TIME		hr - min	Unit operation time	
	SOFTWARE VERSION		V. Release date		

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DMX MODE (DMX CHART 2)

A. EASY – 2ch / 8BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	CCT LINEAR	See related table	

B. SPLIT – 5ch / 8BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	GM - GENERAL MASTER
2 ch	WARM WHITE	0..255	from OFF (0) to full (255)
3 ch	COLD WHITE	0..255	from OFF (0) to full (255)
4 ch	STROBO & STORE	See related table	
5 ch	SERVICE	See related table	

C. STUDIO – 9ch / 16 BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	DIMMER FINE	0..255	from OFF (0) to full (255)
3 ch	CCT PRESET	See related table	
4 ch	WW +/- correzione live del CCT STEP selezionato (= "zero point")	0..15	OFF
		6..111	from minimum to standard
		112..144	CCT STEP
		145..239	from standard to maximum
5 ch	CW +/- correzione live del CCT STEP selezionato (= "zero point")	0..15	OFF
		6..111	from minimum to standard
		112..144	CCT STEP
		145..239	from standard to maximum
240..255	OFF		
6 ch	DELAY	See related table	
7 ch	FAN	0..255	from minimum to maximum
8 ch	STROBO & STORE	See related table	
9 ch	SERVICE	See related table	

D. SPLIT – 10ch / 16BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	DIMMER FINE	0..255	from OFF (0) to full (255)
3 ch	WARM WHITE	0..255	from OFF (0) to full (255)
4 ch	WARM WHITE FINE	0..255	from OFF (0) to full (255)
5 ch	COLD WHITE	0..255	from OFF (0) to full (255)
6 ch	COLD WHITE FINE	0..255	from OFF (0) to full (255)
7 ch	DELAY	See related table	
8 ch	FAN	0..255	from minimum to maximum
9 ch	STROBO & STORE	See related table	
10 ch	SERVICE	See related table	

E. THEATRE FULL – 7ch / 16BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	DIMMER FINE	0..255	from OFF (0) to full (255)
3 ch	CCT LINEAR	See related table	
4 ch	DELAY	See related table	
5 ch	FAN	0..255	from minimum to maximum
6 ch	STROBO & STORE	See related table	
7 ch	SERVICE	See related table	

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Part 7. User manual RGBW

MENU

When switched on, the installed software version is displayed, followed by the display of the default settings, ie the currently set operating mode.

<p>If the luminaire is DMX controlled, after 3 seconds the display will show the mode and DMX address</p>	
<p>Otherwise it will show the potentiometers status</p>	
<p>By pressing the SETUP button you access the menu setup.</p> <p>With the PREV and NEXT buttons you can scroll the items list which in case of value type entries will have the function of increasing (+) or decreasing (-) the values.</p> <p>The ENTER button allows to access the submenu and change the values which can be confirmed by pressing ENTER or canceled with the BACK button, which can be used also to exit the submenu and go back to the main menu.</p>	

OPERATING MODE

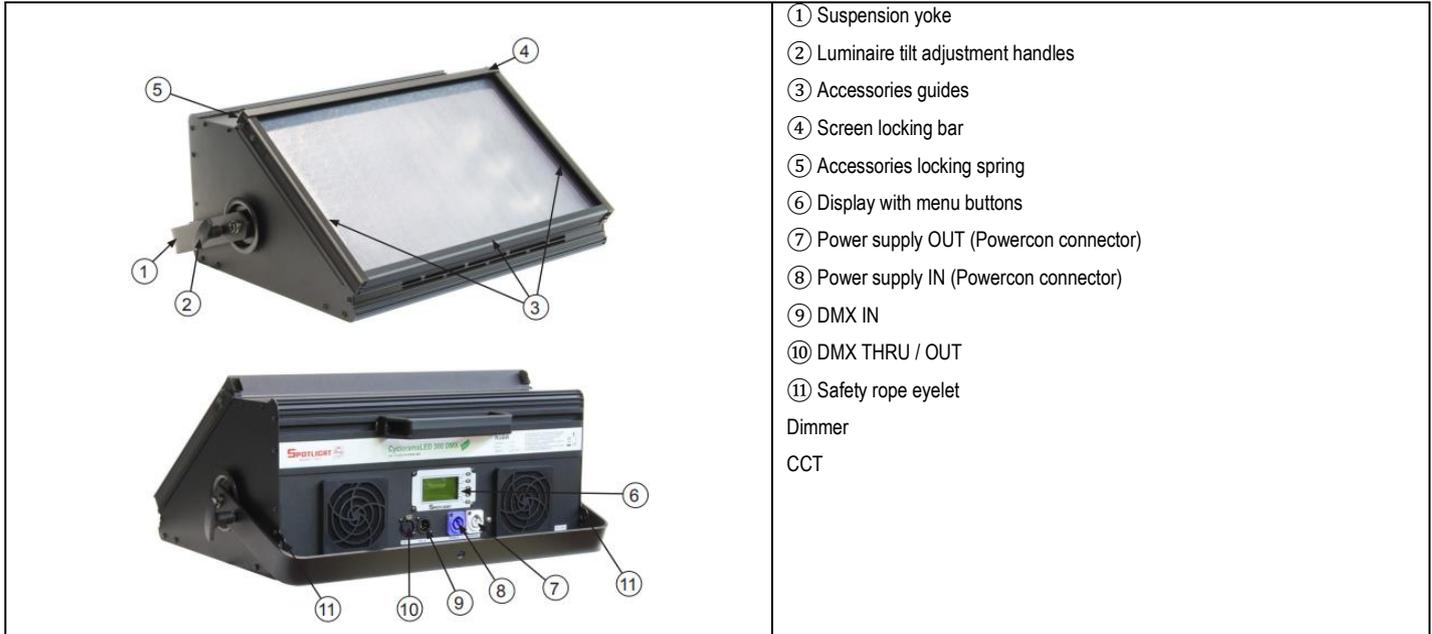
All the luminaires are designed to be used in different operating modes:

- LOCAL POTENTIOMETER
- DMX (Wireless optional)
- RDM
- STAND ALONE

Input priority is given:

- in absence of the DMX signal, the value set with the potentiometer will be active
- when there is the DMX signal the relevant signal is followed and the potentiometer will be ignored
- if the DMX signal is eliminated or lost, the DMX set level is kept until you act on the potentiometer, which will set the new value

HARDWARE



- ① Suspension yoke
 - ② Luminaire tilt adjustment handles
 - ③ Accessories guides
 - ④ Screen locking bar
 - ⑤ Accessories locking spring
 - ⑥ Display with menu buttons
 - ⑦ Power supply OUT (Powercon connector)
 - ⑧ Power supply IN (Powercon connector)
 - ⑨ DMX IN
 - ⑩ DMX THRU / OUT
 - ⑪ Safety rope eyelet
- Dimmer
CCT

You can adjust the light intensity using the potentiometer "DIMMER" and choose the colour temperature through the potentiometer "CCT" according to the following values:

- 2700 K
- 3000 K
- 3200 K
- 3500 K
- 4000 K
- 5600 K
- 6500 K

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SETTINGS

Voce			Valori	Description		
DMX SETTINGS	DMX ADDRESS		1 (default) ... xxx			
	DMX MODE		See related table			
	WIRELESS DMX	ACTIVATION		ON OFF (default)	Switch ON/OFF the wireless DMX module	
UNLINK			Enter to unlink Esc to exit	To unlink the fixture from the wireless DMX transmitter		
STAND ALONE	STD ALONE MODE		DISABLED (default) STANDALONE MANUAL STANDALONE AUTO SC. MASTER MANUAL MASTER AUTO SCENE SLAVE			
	MANUAL MODE					
	AUTO SCENE MODE					
	CUSTOM PRESETS					
OPTIONS	LED DELAY		OFF 50 100 150 200 240 300 350 400 450 500 600 700 800 900 1000 (default) 1200 1400 1600 1800 2000			
		DIMMING CURVE		LINEAR QUADRATIC (default)	Gamma correction	
		OUTPUT FREQUENCY		500 Hz 800 Hz 1000 Hz (default) 1500 Hz 3000 Hz 5000 Hz 10000 Hz 15000 Hz 20000 Hz	PWM LED frequency	
		LED BOOST		ON OFF (default)	When confirmed the luminaire switches off for 1 second The LED BOOST function allows +20% in light output, but it is exclusively compatible with FAN MODE = AUTO	
		FAN MODE		AUTO (default) STANDARD SILENT	AUTO: the fans are automatically adjusted based on the LED temperature.(where variable fan noise is not a critical parameter) STANDARD: the fans are always kept at the default value (where a constant background noise is required without varying brightness) SILENT: the fans are always kept at the minimum value (the fans work at minimum and in case of critical temperatures of the LED it automatically reduces the brightness)	
		DISPLAY ROTATION		STANDARD (default) ROTATED	180° rotation of the display. Standard = keys to the right of the display	
		DISPLAY ON/OFF		ON (default) OFF	ON: always ON OFF: OFF in 60 seconds	
		LED CALIBRATION	RED calib.		0..255 (default)	
			GREEN calib.		0..255 (default)	
			BLU calib.		0..255 (default)	
			WHITE calib.		0..255 (default)	
		DEFAULT SETTINGS			It sets the default for all the user parameters	
		FACTORY SETTINGS			NOTE: Not for final users	
INFO	LED TEMPERATURE		°C	NOTE: All the fixtures are equipped with a temperature control of the LED and of the driver motherboard, which, to avoid an early deterioration in case of overtemperature, regulates the light intensity		
	RED LED TIME		hr - min	Life hours		
	GREEN LED TIME		hr - min	Life hours		
	BLU LED TIME		hr - min	Life hours		

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WHITE LED TIME		hr - min	Life hours
UNIT TIME		hr - min	Unit operation time
SOFTWARE VERSION		V.	
		Release date	

STAND ALONE

A. STAND ALONE MODE

The luminaire can work also without the DMX or potentiometers control. You can select in which mode to work selecting "STANDALONE" -> "STANDALONE MODE" The foreseen modes are:

- DISABLED: the luminaire is controlled by the dmx input and by the potentiometers
- STANDALONE MANUAL: the luminaire ignores the dmx signal and the potentiometers and the colour can be set from the "STANDALONE" -> "MANUAL MODE" menu
- STANDALONE AUTO SCENE: the luminaire ignores the dmx signal and the potentiometers and performs the memorised scenes sequence, (max 10 scenes), selectable from the "STANDALONE" -> "AUTO SCENE MODE" menu
- MASTER MANUAL: the luminaire ignores the dmx signal, turns to a fix colour selectable from the "STANDALONE" -> "MANUAL MODE" menu and sends on the DMX line out the command to activate that specific colour on the luminaires connected via DMX
- MASTER AUTO SCENE: the luminaire ignores the dmx signal and the potentiometers, performs the memorised scenes sequence selectable from the "STANDALONE" -> "AUTO SCENE MODE" menu and sends on the DMX line out the command to perform the same sequence on the luminaires connected via DMX
- SLAVE: the luminaire ignores the dmx signal and the potentiometers, and it performs the instructions received by the MASTER luminaire on the DMX line. The mode setup is saved, displayed in the main screen, and it will reappear as active when the luminaire is switched on again.

If at the startup the MASTER luminaire (in manual or auto scene mode) detects a DMX IN signal, it will show the set scene or sequence but it will not transmit it to the SLAVE luminaires and it will show in the main screen that DMX line is busy. To have the system working correctly the DMX IN source must be eliminated. When one of the standalone modes is active, the luminaire ignores the standard dmx signal and the potentiometers.

B. MANUAL MODE

<p>Push UP or DOWN to select which item to edit (RED, GREEN, etc. is highlighted) Press ENTER to proceed with the editing: the value next to the item lights up. Use the dimmer potentiometer to edit the value Press ENTER to confirm the editing, ESC to go back Once all the desired items are edited: - move to CONFIRM and press ENTER to confirm or move to ABORT and press ENTER to cancel the changes - press ESC on any entry to exit without saving the changes</p>	
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C. AUTO SCENE MODE

MENU STAND ALONE -> AUTO SCENE

Item	Value	Def	Description
SCENE 1 - SCENE 10			Creation and editing of the scenes
MANUAL MODE	IN FIRST POSITION AFTER SCENE 1 IN LAST POSITION	IN LAST POSITION	Selecting this entry you can insert a new scene in the desired position by using the + and - keys

SCENE X

MENU STAND ALONE -> AUTO SCENE -> SCENE X

Item	Value	Def	Description
SCENE SET			You enter in the scene setting screen, described in the relevant paragraph.
PAUSE TIME	0.1 - 60.0 s	1.0 s	It is the duration time of the scene
FADE TIME	0.1 - 60.0 s	1.0 s	It is the fading time towards the next scene
SCENE DELETE	Enter to Delete Esc to Exit		Deleting of the scene
FROM DMX	Enter to Copy from Dmx Esc to Exit		Copy of the scene from Dmx signal: press Enter to see the set scene through Dmx and press Enter again to confirm the copy. In case of DMX absence, "Dmx Not Present" will be displayed.
SCENE COPY	Enter to Copy Esc to Exit		COPY of the scene: the scene (RGBACL values + pause time and Fade) is copied in the memory so to be pasted later
SCENE PASTE	Enter to Paste Esc to Exit		PASTE the scene: the scene previously copied is pasted on the activescene.

SCENE X -> SCENE SET

<p>Push UP or DOWN to select which item to edit (RED, GREEN, etc. is highlighted)</p> <p>Press ENTER to proceed with the editing: the value next to the item lights up. Use the dimmer potentiometer to edit the value</p> <p>Press ENTER to confirm the editing, ESC to go back</p> <p>Once all the desired items are edited:</p> <ul style="list-style-type: none"> - move to CONFIRM and press ENTER to confirm or move to ABORT and press ENTER to cancel the changes - press ESC on any entry to exit without saving the changes 	<table border="1"> <tr> <td colspan="2" style="background-color: #f00; color: white; text-align: center;">SCENE X</td> <td style="text-align: center;"></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>RED 000</td> <td>AMB 000</td> <td style="text-align: center;"></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>GRN 000</td> <td>CYA 000</td> <td style="text-align: center;"></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>BLU 000</td> <td>LIM 000</td> <td style="text-align: center;"></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>ABORT</td> <td>CONFIRM</td> <td></td> <td style="text-align: center;"><input type="radio"/></td> </tr> </table>	SCENE X			<input type="radio"/>	RED 000	AMB 000		<input type="radio"/>	GRN 000	CYA 000		<input type="radio"/>	BLU 000	LIM 000		<input type="radio"/>	ABORT	CONFIRM		<input type="radio"/>
SCENE X			<input type="radio"/>																		
RED 000	AMB 000		<input type="radio"/>																		
GRN 000	CYA 000		<input type="radio"/>																		
BLU 000	LIM 000		<input type="radio"/>																		
ABORT	CONFIRM		<input type="radio"/>																		

D. CUSTOM PRESETS MODE

Item	Value	Def	Description
CUSTOM PRESET 1			Selection of the custom preset to edit. The custom presets can be edited also via Dimx
...			
CUSTOM PRESET 10			

CUSTOM PRESET X

<p>Push UP or DOWN to select which item to edit (RED, GREEN, etc. is highlighted)</p> <p>Press ENTER to proceed with the editing: the value next to the item lights up. Use the dimmer potentiometer to edit the value</p> <p>Press ENTER to confirm the editing, ESC to go back</p> <p>Once all the desired items are edited:</p> <ul style="list-style-type: none"> - move to CONFIRM and press ENTER to confirm or move to ABORT and press ENTER to cancel the changes - press ESC on any entry to exit without saving the changes 	<table border="1"> <tr> <td colspan="2" style="background-color: #f00; color: white; text-align: center;">CUSTOM PRESET X</td> <td style="text-align: center;"></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>RED 000</td> <td>AMB 000</td> <td style="text-align: center;"></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>GRN 000</td> <td>CYA 000</td> <td style="text-align: center;"></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>BLU 000</td> <td>LIM 000</td> <td style="text-align: center;"></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>ABORT</td> <td>CONFIRM</td> <td></td> <td style="text-align: center;"><input type="radio"/></td> </tr> </table>	CUSTOM PRESET X			<input type="radio"/>	RED 000	AMB 000		<input type="radio"/>	GRN 000	CYA 000		<input type="radio"/>	BLU 000	LIM 000		<input type="radio"/>	ABORT	CONFIRM		<input type="radio"/>
CUSTOM PRESET X			<input type="radio"/>																		
RED 000	AMB 000		<input type="radio"/>																		
GRN 000	CYA 000		<input type="radio"/>																		
BLU 000	LIM 000		<input type="radio"/>																		
ABORT	CONFIRM		<input type="radio"/>																		

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DMX MODE (DMX CHART 3)

A. **EASY – 3ch / 8BIT**

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	CCT PRESET	See related table	
3 ch	COLOUR PRESET	See related table	

Note: CCT PRESET has priority over COLOUR PRESET

B. **HSI – 7ch / 8BIT**

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	HUE	0..255	Sequence: R, R+G, G, G+B, B, B+R, R
3 ch	HUE FINE	0..255	Selection of the colour - fine
4 ch	SATURATION	0..255	Color saturation - from the HUE preset towards the chosen white in the CCT Color Point (COLOR POINT CCT - ALWAYS ACTIVE)
6 ch	STROBO & STORE	See related table	
7 ch	SERVICE	See related table	

C. **CMY – 6ch / 8BIT**

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	CYAN	0..255	from OFF (0) to full (255)
3 ch	MAGENTA	0..255	from OFF (0) to full (255)
4 ch	YELLOW	0..255	from OFF (0) to full (255)
5 ch	STROBO & STORE	See related table	
6 ch	SERVICE	See related table	

D. **RGBW – 9ch / 8BIT**

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	RED	0..255	from OFF (0) to full (255)
3 ch	GREEN	0..255	from OFF (0) to full (255)
4 ch	BLUE	0..255	from OFF (0) to full (255)
5 ch	WHITE	0..255	from OFF (0) to full (255)
6 ch	CCT PRESET	See related table	
7 ch	COLOUR PRESET	See related table	
8 ch	STROBO & STORE	See related table	
9 ch	SERVICE	See related table	

E. **FULL – 16ch / 16BIT**

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	DIMMER FINE	0..255	from OFF (0) to full (255)
3 ch	RED	0..255	from OFF (0) to full (255)
4 ch	RED FINE	0..255	from OFF (0) to full (255)
5 ch	GREEN	0..255	from OFF (0) to full (255)
6 ch	GREEN FINE	0..255	from OFF (0) to full (255)
7 ch	BLUE	0..255	
8 ch	BLUE FINE	0..255	
9 ch	WHITE	0..255	
10 ch	WHITE FINE	0..255	
11 ch	COLOUR PRESET	See related table	
12 ch	CCT PRESET	See related table	
13 ch	DELAY	See related table	
14 ch	FAN	0..255	from minimum to maximum
15 ch	STROBO & STORE	See related table	
16 ch	SERVICE	See related table	

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Part 8. User manual 6C

MENU

When switched on, the installed software version is displayed, followed by the display of the default settings, ie the currently set operating mode.

<p>If the luminaire is DMX controlled, after 3 seconds the display will show the mode and DMX address</p>	
<p>Otherwise it will show the potentiometers status</p>	
<p>By pressing the SETUP button you access the menu setup.</p> <p>With the PREV and NEXT buttons you can scroll the items list which in case of value type entries will have the function of increasing (+) or decreasing (-) the values.</p> <p>The ENTER button allows to access the submenu and change the values which can be confirmed by pressing ENTER or canceled with the BACK button, which can be used also to exit the submenu and go back to the main menu.</p>	

OPERATING MODE

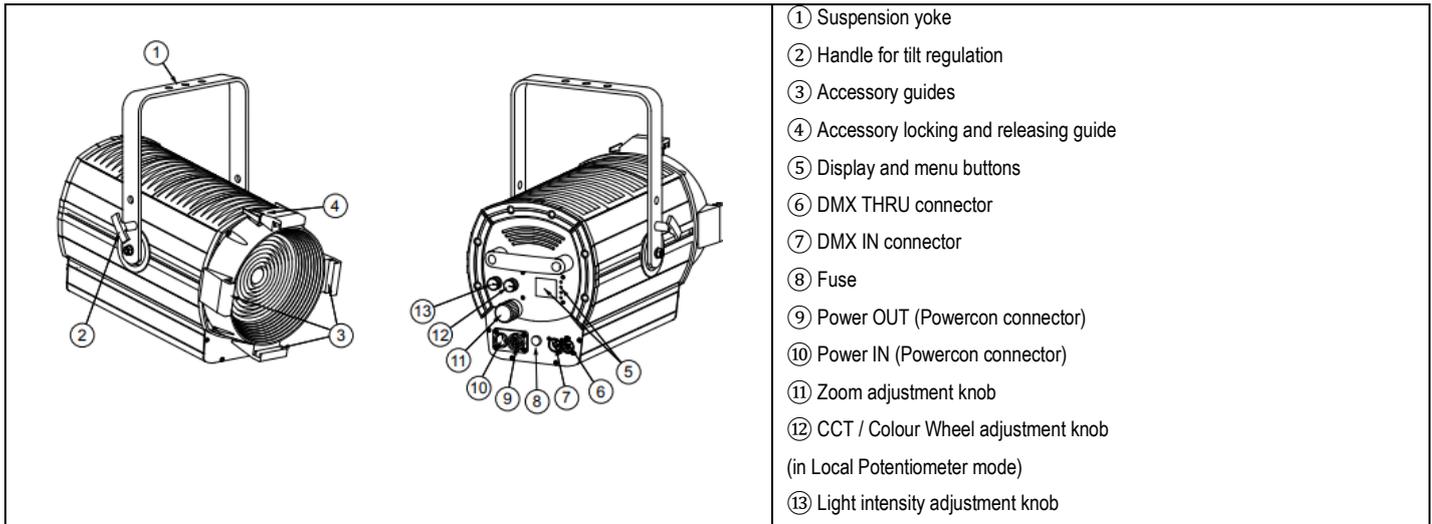
All the luminaires are designed to be used in different operating modes:

- LOCAL POTENTIOMETER
- DMX (Wireless optional)
- RDM
- STAND ALONE

Input priority is given:

- in absence of the DMX signal, the value set with the potentiometer will be active
- when there is the DMX signal the relevant signal is followed and the potentiometer will be ignored
- if the DMX signal is eliminated or lost, the DMX set level is kept until you act on the potentiometer, which will set the new value

HARDWARE



You can adjust the light intensity using the potentiometer "DIMMER" and choose the colour temperature through the potentiometer "CCT" according to the following values:

- 2700 K
- 3000 K
- 3200 K
- 3500 K
- 4000 K
- 5600 K
- 6500 K

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SETTINGS

Voce			Valori	Description	
DMX SETTINGS	DMX ADDRESS		1 (default) ... xxx		
	DMX MODE		See related table		
	WIRELESS DMX	ACTIVATION		ON OFF (default)	Switch ON/OFF the wireless DMX module
		UNLINK		Enter to unlink Esc to exit	To unlink the fixture from the wireless DMX transmitter
STAND ALONE	STD ALONE MODE		DISABLED (default) STANDALONE MANUAL STANDALONE AUTO SC. MASTER MANUAL MASTER AUTO SCENE SLAVE		
	MANUAL MODE				
	AUTO SCENE MODE				
	CUSTOM PRESETS				
OPTIONS	LED DELAY		OFF 50 100 150 200 240 300 350 400 450 500 600 700 800 900 1000 (default) 1200 1400 1600 1800 2000		
	DIMMING CURVE		LINEAR HALO QUADRATIC (default)	Gamma correction	
	AMBER SHIFT		ON OFF (default)	This function works only if: <ul style="list-style-type: none"> • AMBER SHIFT = ON • CCT PRESET = 3200K • DIMMING CURVE = HALO 	
	OUTPUT FREQUENCY		500 Hz 800 Hz 1000 Hz (default) 1500 Hz 3000 Hz 5000 Hz 10000 Hz 15000 Hz 20000 Hz		
	LED BOOST		ON OFF (default)	When confirmed the luminaire switches off for 1 second The LED BOOST function allows +20% in light output, but it is exclusively compatible with FAN MODE = AUTO	
	FAN MODE		AUTO (default) STANDARD SILENT	AUTO: the fans are automatically adjusted based on the LED temperature.(where variable fan noise is not a critical parameter) STANDARD: the fans are always kept at the default value (where a constant background noise is required without varying brightness) SILENT: the fans are always kept at the minimum value (the fans work at minimum and in case of critical temperatures of the LED it automatically reduces the brightness)	
	DISPLAY ROTATION		STANDARD (default) ROTATED	180° rotation of the display. Standard = keys to the right of the display	
	DISPLAY ON/OFF		ON (default) OFF	ON: always ON OFF: OFF in 60 seconds	
	LED CALIBRATION	RED calib.		0..255 (default)	
		GREEN calib.		0..255 (default)	
		BLU calib.		0..255 (default)	
		AMBER calib.		0..255 (default)	
		CYAN calib.		0..255 (default)	
		LIME calib.		0..255 (default)	
DEFAULT SETTINGS				It sets the default for all the user parameters	

MENU STAND ALONE -> AUTO SCENE -> SCENE X

Item	Value	Def	Description
SCENE SET			You enter in the scene setting screen, described in the relevant paragraph.
PAUSE TIME	0.1 .. 60.0 s	1.0 s	It is the duration time of the scene
FADE TIME	0.1 .. 60.0 s	1.0 s	It is the fading time towards the next scene
SCENE DELETE	Enter to Delete Esc to Exit		Deleting of the scene
FROM DMX	Enter to Copy from Dmx Esc to Exit		Copy of the scene from Dmx signal: press Enter to see the set scene through Dmx and press Enter again to confirm the copy. In case of DMX absence, "Dmx Not Present" will be displayed
SCENE COPY	Enter to Copy Esc to Exit		COPY of the scene: the scene (RGBACI values + pause time and Fade) is copied in the memory so to be pasted later
SCENE PASTE	Enter to Paste Esc to Exit		PASTE the scene: the scene previously copied is pasted on the activescene.

SCENE X -> SCENE SET

<p>Push UP or DOWN to select which item to edit (RED, GREEN, etc. is highlighted) Press ENTER to proceed with the editing: the value next to the item lights up. Use the dimmer potentiometer to edit the value Press ENTER to confirm the editing, ESC to go back Once all the desired items are edited: - move to CONFIRM and press ENTER to confirm or move to ABORT and press ENTER to cancel the changes - press ESC on any entry to exit without saving the changes</p>	<table border="1"> <tr> <td colspan="2" style="background-color: #ff0000; color: white;">SCENE X</td> <td></td> <td></td> </tr> <tr> <td>RED 000</td> <td>AMB 000</td> <td></td> <td></td> </tr> <tr> <td>GRN 000</td> <td>CYA 000</td> <td></td> <td></td> </tr> <tr> <td>BLU 000</td> <td>LIM 000</td> <td></td> <td></td> </tr> <tr> <td>ABORT</td> <td>CONFIRM</td> <td></td> <td></td> </tr> </table>	SCENE X				RED 000	AMB 000			GRN 000	CYA 000			BLU 000	LIM 000			ABORT	CONFIRM		
SCENE X																					
RED 000	AMB 000																				
GRN 000	CYA 000																				
BLU 000	LIM 000																				
ABORT	CONFIRM																				

D. CUSTOM PRESETS MODE

Item	Value	Def	Description
CUSTOM PRESET 1 ... CUSTOM PRESET 10			Selection of the custom preset to edit. The custom presets can be edited also via Dmx

CUSTOM PRESET X

<p>Push UP or DOWN to select which item to edit (RED, GREEN, etc. is highlighted) Press ENTER to proceed with the editing: the value next to the item lights up. Use the dimmer potentiometer to edit the value Press ENTER to confirm the editing, ESC to go back Once all the desired items are edited: - move to CONFIRM and press ENTER to confirm or move to ABORT and press ENTER to cancel the changes - press ESC on any entry to exit without saving the changes</p>	<table border="1"> <tr> <td colspan="2" style="background-color: #ff0000; color: white;">CUSTOM PRESET X</td> <td></td> <td></td> </tr> <tr> <td>RED 000</td> <td>AMB 000</td> <td></td> <td></td> </tr> <tr> <td>GRN 000</td> <td>CYA 000</td> <td></td> <td></td> </tr> <tr> <td>BLU 000</td> <td>LIM 000</td> <td></td> <td></td> </tr> <tr> <td>ABORT</td> <td>CONFIRM</td> <td></td> <td></td> </tr> </table>	CUSTOM PRESET X				RED 000	AMB 000			GRN 000	CYA 000			BLU 000	LIM 000			ABORT	CONFIRM		
CUSTOM PRESET X																					
RED 000	AMB 000																				
GRN 000	CYA 000																				
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DMX MODE (DMX CHART 4)

A. EASY – 3ch / 8BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	COLOUR PRESET	See related table	
3 ch	CCT PRESET	See related table	

Note: CCT PRESET has priority over COLOUR PRESET

B. HSIC – 7ch / 8BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	HUE	0..255	Sequence: R, R+L, R+G+L, G+L, G, G+C, G+B+C, B+C, B, B+A, R+B+A, R+A, R
3 ch	HUE FINE	0..255	Selection of the colour - fine
4 ch	SATURATION (to dim the channel of CCT LINEAR)	0..255	
5 ch	CCT LINEAR (to select the desired CCT)		
6 ch	STROBO & STORE	See related table	
7 ch	SERVICE	See related table	

C. RGBACL – 9ch / 8BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	RED	0..255	from OFF (0) to full (255)
3 ch	GREEN	0..255	from OFF (0) to full (255)
4 ch	BLUE	0..255	from OFF (0) to full (255)
5 ch	AMBER	0..255	from OFF (0) to full (255)
6 ch	CYAN	0..255	from OFF (0) to full (255)
7 ch	LIME	0..255	from OFF (0) to full (255)
8 ch	STROBO & STORE	See related table	
9 ch	SERVICE	See related table	

D. STUDIO – 21ch / 16BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	DIMMER FINE	0..255	from OFF (0) to full (255)
3 ch	RED	0..255	from OFF (0) to full (255)
4 ch	RED FINE	0..255	from OFF (0) to full (255)
5 ch	GREEN	0..255	from OFF (0) to full (255)
6 ch	GREEN FINE	0..255	from OFF (0) to full (255)
7 ch	BLUE	0..255	from OFF (0) to full (255)
8 ch	BLUE FINE	0..255	from OFF (0) to full (255)
9 ch	AMBER	0..255	from OFF (0) to full (255)
10 ch	AMBER FINE	0..255	from OFF (0) to full (255)
11 ch	CYAN	0..255	from OFF (0) to full (255)
12 ch	CYAN FINE	0..255	from OFF (0) to full (255)
13 ch	LIME	0..255	from OFF (0) to full (255)
14 ch	LIME FINE	0..255	from OFF (0) to full (255)
15 ch	COLOUR PRESET	See related table	
16 ch	CCT STEPS	See related table	
17 ch	GREEN +/-	0..15 16..126 127..144 145..255	OFF MINUS GREEN - ZERO POINT - CENTER PLUS GREEN +
18 ch	DELAY	See related table	
19 ch	FAN	0..255	from minimum to maximum
20 ch	STROBO & STORE	See related table	
21 ch	SERVICE	See related table	

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E. **THEATRE – 22ch / 16BIT**

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	DIMMER FINE	0..255	from OFF (0) to full (255)
3 ch	RED	0..255	from OFF (0) to full (255)
4 ch	RED FINE	0..255	from OFF (0) to full (255)
5 ch	GREEN	0..255	from OFF (0) to full (255)
6 ch	GREEN FINE	0..255	from OFF (0) to full (255)
7 ch	BLUE	0..255	from OFF (0) to full (255)
8 ch	BLUE FINE	0..255	from OFF (0) to full (255)
9 ch	AMBER	0..255	from OFF (0) to full (255)
10 ch	AMBER FINE	0..255	from OFF (0) to full (255)
11 ch	CYAN	0..255	from OFF (0) to full (255)
12 ch	CYAN FINE	0..255	from OFF (0) to full (255)
13 ch	LIME	0..255	from OFF (0) to full (255)
14 ch	LIME FINE	0..255	from OFF (0) to full (255)
15 ch	COLOUR PRESET	See related table	
16 ch	SATURATION (to dim the channel of CCT LINEAR)	0..255	from OFF (0) to full (255)
17 ch	CCT LINEAR (to select the desired CCT)	See related table	
18 ch	GREEN +/-	0..15 16..126 127..144 145..255	OFF MINUS GREEN - ZERO POINT - CENTER PLUS GREEN +
19 ch	DELAY	See related table	
20 ch	FAN	0..255	from minimum to maximum
21 ch	STROBO & STORE	See related table	
22 ch	SERVICE	See related table	

Note: CCT LINEAR has priority over COLOUR PRESET has priority over manual selected colours (from channel 3 to 14)

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Part 9. User manual 8C

MENU

When switched on, the installed software version is displayed, followed by the display of the default settings, ie the currently set operating mode.

<p>If the luminaire is DMX controlled, after 3 seconds the display will show the mode and DMX address</p>	
<p>Otherwise it will show the potentiometers status</p>	
<p>By pressing the SETUP button you access the menu setup.</p> <p>With the PREV and NEXT buttons you can scroll the items list which in case of value type entries will have the function of increasing (+) or decreasing (-) the values.</p> <p>The ENTER button allows to access the submenu and change the values which can be confirmed by pressing ENTER or canceled with the BACK button, which can be used also to exit the submenu and go back to the main menu.</p>	

OPERATING MODE

All the luminaires are designed to be used in different operating modes:

- LOCAL POTENTIOMETER
- DMX (Wireless optional)
- RDM
- STAND ALONE

Input priority is given:

- in absence of the DMX signal, the value set with the potentiometer will be active
- when there is the DMX signal the relevant signal is followed and the potentiometer will be ignored
- if the DMX signal is eliminated or lost, the DMX set level is kept until you act on the potentiometer, which will set the new value

HARDWARE

SETTINGS

STAND ALONE

A. STAND ALONE MODE

The luminaire can work also without the DMX or potentiometers control. You can select in which mode to work selecting "STANDALONE" -> "STANDALONE MODE" The foreseen modes are:

- DISABLED: the luminaire is controlled by the dmx input and by the potentiometers
- STANDALONE MANUAL: the luminaire ignores the dmx signal and the potentiometers and the colour can be set from the "STANDALONE" -> "MANUAL MODE" menu
- STANDALONE AUTO SCENE: the luminaire ignores the dmx signal and the potentiometers and performs the memorised scenes sequence, (max 10 scenes), selectable from the "STANDALONE" -> "AUTO SCENE MODE" menu
- MASTER MANUAL: the luminaire ignores the dmx signal, turns to a fix colour selectable from the "STANDALONE" -> "MANUAL MODE" menu and sends on the DMX line out the command to activate that specific colour on the luminaires connected via DMX
- MASTER AUTO SCENE: the luminaire ignores the dmx signal and the potentiometers, performs the memorised scenes sequence selectable from the "STANDALONE" -> "AUTO SCENE MODE" menu and sends on the DMX line out the command to perform the same sequence on the luminaires connected via DMX
- SLAVE: the luminaire ignores the dmx signal and the potentiometers, and it performs the instructions received by the MASTER luminaire on the DMX line. The mode setup is saved, displayed in the main screen, and it will reappear as active when the luminaire is switched on again.

If at the startup the MASTER luminaire (in manual or auto scene mode) detects a DMX IN signal, it will show the set scene or sequence but it will not transmit it to the SLAVE luminaires and it will show in the main screen that DMX line is busy. To have the system working correctly the DMX IN source must be eliminated. When one of the standalone modes is active, the luminaire ignores the standard dmx signal and the potentiometers.

B. MANUAL MODE

Push UP or DOWN to select which item to edit (RED, GREEN, etc. is highlighted)
 Press ENTER to proceed with the editing: the value next to the item lights up. Use the dimmer potentiometer to edit the value
 Press ENTER to confirm the editing, ESC to go back
 Once all the desired items are edited:
 - move to CONFIRM and press ENTER to confirm or move to ABORT and press ENTER to cancel the changes
 - press ESC on any entry to exit without saving the changes

MANUAL			
RED 000	AMB 000		
GRN 000	CYA 000		
BLU 000	LIM 000		
ABORT	CONFIRM		

C. AUTO SCENE MODE

MENU STAND ALONE -> AUTO SCENE

Item	Value	Def	Description
SCENE 1 -- SCENE 10			Creation and editing of the scenes
MANUAL MODE -- -- AFTER SCENE 1 -- AFTER SCENE 8 -- IN LAST POSITION		IN FIRST POSITION -- IN LAST POSITION	Selecting this entry you can insert a new scene in the desired position by using the # and = keys

SCENE X

MENU STAND ALONE -> AUTO SCENE -> SCENE X

Item	Value	Def	Description
SCENE SET			You enter in the scene setting screen, described in the relevant paragraph.
PAUSE TIME	0.1 ... 60.0 s	1.0 s	It is the duration time of the scene
FADE TIME	0.1 ... 60.0 s	1.0 s	It is the fading time towards the next scene
SCENE DELETE	Enter to Delete Esc to Exit		Deleting of the scene
FROM DMX	Enter to Copy from Dmx Esc to Exit		Copy of the scene from Dmx signal: press Enter to see the set scene through Dmx and press Enter again to confirm the copy. In case of DMX absence, "Dmx Not Present" will be displayed
SCENE COPY	Enter to Copy Esc to Exit		COPY of the scene: the scene (RGBACL values + pause time and Fade) is copied in the memory so to be pasted later
SCENE PASTE	Enter to Paste Esc to Exit		PASTE the scene: the scene previously copied is pasted on the activescene.

SCENE X -> SCENE SET

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<p>Push UP or DOWN to select which item to edit (RED, GREEN, etc. is highlighted) Press ENTER to proceed with the editing: the value next to the item lights up. Use the dimmer potentiometer to edit the value Press ENTER to confirm the editing, ESC to go back Once all the desired items are edited: - move to CONFIRM and press ENTER to confirm or move to ABORT and press ENTER to cancel the changes - press ESC on any entry to exit without saving the changes</p>	<table border="1"> <tr> <th colspan="2" style="background-color: #f00;">SCENE X</th> <td></td> <td><input type="radio"/></td> </tr> <tr> <td>RED 000</td> <td>AMB 000</td> <td></td> <td><input type="radio"/></td> </tr> <tr> <td>GRN 000</td> <td>CYA 000</td> <td></td> <td><input type="radio"/></td> </tr> <tr> <td>BLU 000</td> <td>LIM 000</td> <td></td> <td><input type="radio"/></td> </tr> <tr> <td>ABORT</td> <td>CONFIRM</td> <td></td> <td><input type="radio"/></td> </tr> </table>	SCENE X			<input type="radio"/>	RED 000	AMB 000		<input type="radio"/>	GRN 000	CYA 000		<input type="radio"/>	BLU 000	LIM 000		<input type="radio"/>	ABORT	CONFIRM		<input type="radio"/>
SCENE X			<input type="radio"/>																		
RED 000	AMB 000		<input type="radio"/>																		
GRN 000	CYA 000		<input type="radio"/>																		
BLU 000	LIM 000		<input type="radio"/>																		
ABORT	CONFIRM		<input type="radio"/>																		

D. CUSTOM PRESETS MODE

Item	Value	Def	Description
CUSTOM PRESET 1			Selection of the custom preset to edit. The custom presets can be edited also via Dimx
CUSTOM PRESET 10			

CUSTOM PRESET X

<p>Push UP or DOWN to select which item to edit (RED, GREEN, etc. is highlighted) Press ENTER to proceed with the editing: the value next to the item lights up. Use the dimmer potentiometer to edit the value Press ENTER to confirm the editing, ESC to go back Once all the desired items are edited: - move to CONFIRM and press ENTER to confirm or move to ABORT and press ENTER to cancel the changes - press ESC on any entry to exit without saving the changes</p>	<table border="1"> <tr> <th colspan="2" style="background-color: #f00;">CUSTOM PRESET X</th> <td></td> <td><input type="radio"/></td> </tr> <tr> <td>RED 000</td> <td>AMB 000</td> <td></td> <td><input type="radio"/></td> </tr> <tr> <td>GRN 000</td> <td>CYA 000</td> <td></td> <td><input type="radio"/></td> </tr> <tr> <td>BLU 000</td> <td>LIM 000</td> <td></td> <td><input type="radio"/></td> </tr> <tr> <td>ABORT</td> <td>CONFIRM</td> <td></td> <td><input type="radio"/></td> </tr> </table>	CUSTOM PRESET X			<input type="radio"/>	RED 000	AMB 000		<input type="radio"/>	GRN 000	CYA 000		<input type="radio"/>	BLU 000	LIM 000		<input type="radio"/>	ABORT	CONFIRM		<input type="radio"/>
CUSTOM PRESET X			<input type="radio"/>																		
RED 000	AMB 000		<input type="radio"/>																		
GRN 000	CYA 000		<input type="radio"/>																		
BLU 000	LIM 000		<input type="radio"/>																		
ABORT	CONFIRM		<input type="radio"/>																		

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DMX PERSONALITIES (DMX CHART 5)

A. **EASY – 3ch / 8BIT**

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	COLOUR PRESET	See related table	
3 ch	CCT PRESET	See related table	

Note: CCT PRESET has priority over COLOUR PRESET

B. **HSIC – 7ch / 8BIT**

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	HUE	0..255	Sequence: R, R+L, R+G+L, G+L, G, G+C, G+B+C, B+C, B, B+A, R+B+A, R+A, R
3 ch	HUE FINE	0..255	Selection of the colour - fine
4 ch	SATURATION (to dim the channel of CCT LINEAR)	0..255	
5 ch	CCT LINEAR (to select the desired CCT)	See related table	
6 ch	STROBO & STORE	See related table	
7 ch	SERVICE	See related table	

C. **RGBACL+WW+CW – 11ch / 8BIT**

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	RED	0..255	from OFF (0) to full (255)
3 ch	GREEN	0..255	from OFF (0) to full (255)
4 ch	BLUE	0..255	from OFF (0) to full (255)
5 ch	AMBER	0..255	from OFF (0) to full (255)
6 ch	CYAN	0..255	from OFF (0) to full (255)
7 ch	LIME	0..255	from OFF (0) to full (255)
8 ch	WARM WHITE	0..255	from OFF (0) to full (255)
9 ch	COLD WHITE	0..255	from OFF (0) to full (255)
10 ch	STROBO & STORE	See related table	
11 ch	SERVICE	See related table	

D. **RGBACL+WW+CW – 18ch / 16BIT**

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	DIMMER FINE	0..255	from OFF (0) to full (255)
3 ch	RED	0..255	from OFF (0) to full (255)
4 ch	RED FINE	0..255	from OFF (0) to full (255)
5 ch	GREEN	0..255	from OFF (0) to full (255)
6 ch	GREEN FINE	0..255	from OFF (0) to full (255)
7 ch	BLUE	0..255	from OFF (0) to full (255)
8 ch	BLUE FINE	0..255	from OFF (0) to full (255)
9 ch	AMBER	0..255	from OFF (0) to full (255)
10 ch	AMBER FINE	0..255	from OFF (0) to full (255)
11 ch	CYAN	0..255	from OFF (0) to full (255)
12 ch	CYAN FINE	0..255	from OFF (0) to full (255)
13 ch	LIME	0..255	from OFF (0) to full (255)
14 ch	LIME FINE	0..255	from OFF (0) to full (255)
15 ch	WARM WHITE	0..255	from OFF (0) to full (255)
16 ch	WARM WHITE FINE	0..255	from OFF (0) to full (255)
17 ch	COLD WHITE	0..255	from OFF (0) to full (255)
18 ch	COLD WHITE FINE	0..255	from OFF (0) to full (255)

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E. STUDIO – 26ch / 16BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	DIMMER FINE	0..255	from OFF (0) to full (255)
3 ch	RED	0..255	from OFF (0) to full (255)
4 ch	RED FINE	0..255	from OFF (0) to full (255)
5 ch	GREEN	0..255	from OFF (0) to full (255)
6 ch	GREEN FINE	0..255	from OFF (0) to full (255)
7 ch	BLUE	0..255	from OFF (0) to full (255)
8 ch	BLUE FINE	0..255	from OFF (0) to full (255)
9 ch	AMBER	0..255	from OFF (0) to full (255)
10 ch	AMBER FINE	0..255	from OFF (0) to full (255)
11 ch	CYAN	0..255	from OFF (0) to full (255)
12 ch	CYAN FINE	0..255	from OFF (0) to full (255)
13 ch	LIME	0..255	from OFF (0) to full (255)
14 ch	LIME FINE	0..255	from OFF (0) to full (255)
15 ch	WARM WHITE	0..255	from OFF (0) to full (255)
16 ch	WARM WHITE FINE	0..255	from OFF (0) to full (255)
17 ch	COLD WHITE	0..255	from OFF (0) to full (255)
18 ch	COLD WHITE FINE	0..255	from OFF (0) to full (255)
19 ch	LEE FILTERS	See related table	
20 ch	ROSCO FILTERS	See related table	
21 ch	CCT STEPS	See related table	
22 ch	GREEN +/-	0..15 16..126 127..144 145..255	OFF MINUS GREEN - ZERO POINT - CENTER PLUS GREEN +
23 ch	DELAY	See related table	
24 ch	FAN	0..255	from minimum to maximum
25 ch	STROBO & STORE	See related table	
26 ch	SERVICE	See related table	

F. THEATRE – 29ch / 16BIT

	Function	DMX value	Description
1 ch	DIMMER	0..255	from OFF (0) to full (255)
2 ch	DIMMER FINE	0..255	from OFF (0) to full (255)
3 ch	RED	0..255	from OFF (0) to full (255)
4 ch	RED FINE	0..255	from OFF (0) to full (255)
5 ch	GREEN	0..255	from OFF (0) to full (255)
6 ch	GREEN FINE	0..255	from OFF (0) to full (255)
7 ch	BLUE	0..255	from OFF (0) to full (255)
8 ch	BLUE FINE	0..255	from OFF (0) to full (255)
9 ch	AMBER	0..255	from OFF (0) to full (255)
10 ch	AMBER FINE	0..255	from OFF (0) to full (255)
11 ch	CYAN	0..255	from OFF (0) to full (255)
12 ch	CYAN FINE	0..255	from OFF (0) to full (255)
13 ch	LIME	0..255	from OFF (0) to full (255)
14 ch	LIME FINE	0..255	from OFF (0) to full (255)
15 ch	WARM WHITE	0..255	from OFF (0) to full (255)
16 ch	WARM WHITE FINE	0..255	from OFF (0) to full (255)
17 ch	COLD WHITE	0..255	from OFF (0) to full (255)
18 ch	COLD WHITE FINE	0..255	from OFF (0) to full (255)
19 ch	LEE FILTERS	See related table	
20 ch	ROSCO FILTERS	See related table	
21 ch	SATURATION (to dim the channel of CCT LINEAR)	0..255	from OFF (0) to full (255)
22 ch	CCT LINEAR (to select the desired CCT)	See related table	
23 ch	GREEN +/-	0..15 16..126 127..144 145..255	OFF MINUS GREEN - ZERO POINT - CENTER PLUS GREEN +
24 ch	DELAY	See related table	
25 ch	FAN	0..255	from minimum to maximum
26 ch	STROBO & STORE	See related table	
27 ch	SERVICE	See related table	
28 ch	FREE 1		
29 ch	FREE 2		

Note: CCT LINEAR has priority over COLOUR PRESET has priority over manual selected colours (from channel 3 to 14)

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Part 10. Related tables

SERVICE CHANNEL

Permette di modificare tutte le opzioni da remote (console) che normalmente si impostano manualmente dal menu OPTIONS del faro

È una sorta di RDM di Spotlight che non necessita una console RDM

SERVICE 1 (RGBW, 6C, 8C) → STORE 1	0..5	OFF
	6..30	SAVE CUSTOM PRESET 1
	31..55	SAVE CUSTOM PRESET 2
	56..80	SAVE CUSTOM PRESET 3
	81..105	SAVE CUSTOM PRESET 4
	106..130	SAVE CUSTOM PRESET 5
	131..155	SAVE CUSTOM PRESET 6
	156..180	SAVE CUSTOM PRESET 7
	181..205	SAVE CUSTOM PRESET 8
	206..230	SAVE CUSTOM PRESET 9
	231..255	SAVE CUSTOM PRESET 10
SERVICE (Tunable White) / SERVICE 2 (RGBW, 6C, 8C) → STORE 2	0..5	OFF
	6..11	LED DELAY OFF
	12..17	LED DELAY 50 ms
	18..23	LED DELAY 100 ms
	24..29	LED DELAY 240 ms
	30..35	LED DELAY 400 ms
	36..41	LED DELAY 600 ms
	42..47	LED DELAY 800 ms
	48..53	LED DELAY 1000 ms (default)
	54..59	LED DELAY 1200 ms
	60..65	LED DELAY 1600 ms
	66..71	LED DELAY 2000 ms
	72..77	CURVE LINEAR
	78..83	CURVE QUADRATIC
	84..89	CURVE HALO (default)
	90..95	FREQUENCY 500 Hz
	96..101	FREQUENCY 800 Hz
	102..107	FREQUENCY 1000 Hz (default)
	108..113	FREQUENCY 1500 Hz
	114..119	FREQUENCY 3000 Hz
	120..125	FREQUENCY 5000 Hz
	126..131	FREQUENCY 10000 Hz
	132..137	FREQUENCY 15000 Hz
	138..143	FREQUENCY 20000 Hz
	144..149	LED BOOST ON <i>(only in combination with FAN MODE AUTO)</i>
	150..155	LED BOOST OFF (default)
	156..161	FAN MODE AUTO <i>regulated in relation to the LED Temperature (Default factory setting)</i>
162..167	FAN MODE STANDARD (always the same standard speed)	
168..173	FAN MODE SILENT (lightoutput temperature controlled)	
174..179	DISPLAY STANDARD (default)	
180..185	DISPLAY ROTATED	
186..191	DISPLAY OFF <i>goes OFF after 10s</i>	
192..197	DISPLAY ON <i>display always ON</i>	
198..203	COLOUR CALIBRATION	
204..209	DEFAULT SET	
210..255	FREE	

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STROBE & STORE CHANNEL

STROBE & STORE	STROBE	
	0	OFF
	1..150	from slow (3,86 s) to fast (30 ms)
	151..200	OFF
	STORE 1 (for CUSTOM PRESETS)	
	201..210	Once selected the SERVICE channel for CUSTOM PRESETS. Keep on hold for 5 seconds to store the new value. 3 flashes from the luminaire confirm that it is registered.
211..230	OFF	
STORE 2 (for FIXTURE PARAMETERS)		
231..240	Once selected the SERVICE channel for FIXTURE PARAMETERS. Keep on hold for 5 seconds to store the new value. 3 flashes from the luminaire confirm that it is registered.	
241..255	OFF	

DELAY CHANNEL

DELAY	0..45	NO FUNCTION – The LED delay follows the set on the menu display
	46..55	0 ms
	56..65	30 ms
	66..75	60 ms
	76..85	90 ms
	86..95	120 ms
	96..105	150 ms
	106..115	180 ms
	116..125	210 ms
	126..135	240 ms
	136..145	270 ms
	146..155	300 ms
	156..165	330 ms
	166..175	360 ms
	176..185	390 ms
	186..195	420 ms
	196..205	450 ms
	206..215	480 ms
216..225	510 ms	
226..235	540 ms	
236..245	570 ms	
246..255	600 ms	

CCT CHANNEL

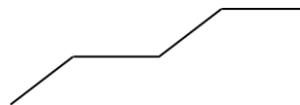
CCT LINEAR (6C)	CCT STEP (6C)	
0.. 0..	5.. 7	1500 K
1.. 7..	8.. 11	from 1500K to 1600K
8.. 8..	12.. 14	1600 K
9.. 15	15.. 18	from 1600K to 1700K
16.. 16	19.. 21	1700 K
17.. 23	22.. 25	from 1700K to 1800K
24.. 24	26.. 28	1800 K
25.. 31	29.. 32	from 1800K to 1900K
32.. 32	33.. 35	1900 K
33.. 39	36.. 39	from 1900K to 2000K
40.. 40	40.. 42	2000 K
41.. 47	43.. 46	from 2000K to 2100K
48.. 48	47.. 49	2100 K
49.. 55	50.. 53	from 2100K to 2200K
56.. 56	54.. 56	2200 K
57.. 63	57.. 60	from 2200K to 2300K
64.. 64	61.. 63	2300 K
65.. 71	64.. 67	from 2300K to 2400K
72.. 72	68.. 70	2400 K
73.. 79	71.. 74	from 2400K to 2500K
80.. 80	75.. 77	2500 K
81.. 86	78.. 81	from 2500K to 2600K
87.. 87	82.. 84	2600 K
88.. 93	85.. 88	from 2600K to 2700K
94.. 94	89.. 91	2700 K
95.. 100..	92.. 95	from 2700K to 2800K
101.. 101	96.. 98	2800 K
102.. 107	99.. 102	from 2800K to 2900K
108.. 108	103.. 105	2900 K
109.. 114	106.. 109	from 2900K to 3000K
115.. 115	110.. 112	3000 K
116.. 121	113.. 116	from 3000K to 3100K
122.. 122	117.. 119	3100 K
123.. 128	120.. 123	from 3100K to 3200K
129.. 129	124.. 126	3200 K
130.. 135	127.. 130	from 3200 K to 3300K
136.. 136	131.. 133	3300 K
137.. 142	134.. 137	from 3300K to 3400K
143.. 143	138.. 140	3400 K
144.. 149	141.. 144	from 3400K to 3500K
150.. 150	145.. 147	3500 K
151.. 156	148.. 151	from 3500K to 4000K
157.. 157	152.. 154	4000 K
158.. 163	155.. 158	from 4000K to 5000K
164.. 164	159.. 161	5000 K
165.. 170	162.. 165	from 5000K to 5600K
171.. 171	166.. 168	5600 K
172.. 177	169.. 172	from 5600K to 6000K
178.. 178	173.. 175	6000 K
179.. 184	176.. 179	from 6000K to 6500K
185.. 185	180.. 182	6500 K
186.. 191	183.. 186	from 6500K to 8000K
192.. 192	187.. 189	8000 K
193.. 198	190.. 193	from 8000K to 10000K
199.. 199	194.. 196	10000 K
200.. 205	197.. 200	from 10000K to 12000K
206.. 206	201.. 203	12000 K
207.. 212	204.. 207	from 12000K to 14000K
213.. 213	208.. 210	14000 K
214.. 219	211.. 214	from 14000K to 15000K
220.. 220	215.. 217	15000 K
221.. 226	218.. 221	from 15000K to 16000K
227.. 227	222.. 224	16000 K
228.. 233	225.. 228	from 16000K to 17000K
234.. 234	229.. 231	17000 K
235.. 240	232.. 235	from 17000K to 180000K
241.. 241	236.. 239	18000 K
242.. 247	240.. 243	from 18000K to 190000K
248.. 248	244.. 247	19000 K
249.. 254	248.. 251	from 19000K to 20000K
255.. 255	252.. 255	20000 K

CCT PRESET(6C)	
0..4	NONE
5.. 11	1500 K
12.. 18	1600 K
19.. 25	1700 K
26.. 32	1800 K
33.. 39	1900 K
40.. 46	2000 K
47.. 53	2100 K
54.. 60	2200 K
61.. 67	2300 K
68.. 74	2400 K
75.. 81	2500 K
82.. 88	2600 K
89.. 95	2700 K
96.. 102	2800 K
103.. 109	2900 K
110.. 116	3000 K
117.. 123	3100 K
124.. 130	3200 K
131.. 137	3300 K
138.. 144	3400 K
145.. 151	3500 K
152.. 158	4000 K
159.. 165	5000 K
166.. 172	5600 K
173.. 179	6000 K
180.. 186	6500 K
187.. 193	8000 K
194.. 200	10000 K
201.. 207	12000 K
208.. 214	14000 K
215.. 221	15000 K
222.. 228	16000 K
229.. 235	17000 K
236.. 242	18000 K
243.. 249	19000 K
250.. 255	20000 K

CCT PRESET (RGBW)	
0..15	NONE
16..45	2700 K
46..75	3000 K
76..105	3200 K
106..135	3500 K
136..165	4000 K
166..195	5600 K
196..225	6500 K
226..255	8000 K

CCT PRESET (TW)	
0..35	2700 K
36..70	3000 K
71..105	3200 K
106..140	3500 K
141..175	4000 K
176..210	5600 K
211..225	6500 K

CCT LINEAR (TW)	
0	2700 K
1..41	from 2700K to 3000K
42	3000 K
43..83	from 3000K to 3200K
84	3200 K
85..125	from 3200K to 3500K
126	3500 K
127..168	from 3500K to 4000K
169	4000 K
170..211	from 4000K to 5600K
212	5600 K
213..254	from 5600K to 6500K
255	6500 K



STEP



LINEAR



PRESET

COLOUR CHANNEL

COLOUR PRESET	0..35	NONE
	36..39	RED
	40..43	GREEN
	44..47	BLUE
	48..51	CYAN
	52..55	YELLOW
	56..59	MAGENTA
	60..63	LEE 004 - MEDIUM BASTARD AMBER
	64..67	LEE 019 - FIRE
	68..71	LEE 026 - BRIGHT RED
	74..75	LEE 058 - LAVENDER
	76..79	LEE 068 - SKY BLUE
	80..83	LEE 071 - TOKYO BLUE
	84..87	LEE 101 - YELLOW
	88..91	LEE 102 - LIGHT AMBER
	92..95	LEE 103 - STRAW
	96..99	LEE 106 - PRIMARY RED
	100..103	LEE 111 - DARK PINK
	104..107	LEE 115 - PEACOCK BLUE
	108..111	LEE 116 - MEDUM BLUE-GREEN
	112..115	LEE 117 - STEEL BLUE
	116..119	LEE 119 - DARK BLUE
	120..123	LEE 124 - DARK GREEN
	124..127	LEE 126 - MAUVE
	128..131	LEE 128 - BRIGHT PINK
132..135	LEE 131 - MARINE BLUE	
136..139	LEE 132 - MEDIUM BLUE	
140..143	LEE 134 - GOLDEN AMBER	
144..147	LEE 136 - PALE LAVENDER	
148..151	LEE 138 - PALE GREEN	
152..155	LEE 147 - APRICOT	
156..159	LEE 154 - PALE ROSE	
160..163	LEE 158 - DEEP ORANGE	
164..167	LEE 165 - DAYLIGHT BLUE	
168..171	LEE 169 - LILAC TINT	
172..175	LEE 180 - DARK LAVENDER	
176..179	LEE 201 - FULL CT BLUE	
180..183	LEE 202 - HALF CT BLUE	
184..187	LEE 203 - QUARTER CT BLUE	
188..191	LEE 204 - FULL CT ORANGE	
192..195	LEE 205 - HALF CT ORANGE	
196..199	LEE 206 - QUARTER CT ORANGE	
200..203	LEE 247 - FILTER MINUS GREEN	
204..207	LEE 248 - HALF MINUS GREEN	
208..211	LEE 778 - MILLENIUM GOLD	
212..215	LEE 793 - VANITY FAIR	
216..219	CUSTOM - PRESET 1	
220..223	CUSTOM - PRESET 2	
224..227	CUSTOM - PRESET 3	
228..231	CUSTOM - PRESET 4	
232..235	CUSTOM - PRESET 5	
236..239	CUSTOM - PRESET 6	
240..243	CUSTOM - PRESET 7	
244..247	CUSTOM - PRESET 8	
248..251	CUSTOM - PRESET 9	
252..255	CUSTOM - PRESET 10	

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Part 11. RDM (Remote Device Management)

Si tratta di uno standard internazionale uguale per tutti i fari (Spotlight + marchi concorrenti)

Per funzionare richiede necessariamente una console RDM

(ANSI E1.20 - 2010)

Plasa/ESTA Denomination	Number of Channels
DEVICE_INFO	Reading of the following parameters: - RDM protocol version - Device Model ID - Product category - ID version sw - Number of DMX channels - DMX mode index - DMX address - Number of sub-devices - Number of sensors
IDENTIFY_DEVICE	LED power on - allowing fixture identification
DMX_START_ADDRESS	DMX address setting/reading
SOFTWARE_VERSION_LABEL	Text description version sw
SUPPORTED_PARAMETERS	List of supported parameters
DMX_PERSONALITY	DMX mode setting
DMX_PERSONALITY_DESCRIPTION	Obtaining textual description of DMX mode
DEVICE_MODEL_DESCRIPTION	Text description of the device model
MANUFACTURER_LABEL	Text description manufacturer
SENSOR_DEFINITION	Display of the values read by the temperature sensor, expressed in tenths of Celsius degree
SENSOR_VALUE	

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Part 12. Safety instructions

This manual contains all the safety information required for the appropriate use of the fixture. It shall be carefully read it and stored for future requirements.

Spotlight sc will not be responsible for any damage to the fixture itself, to other objects or people due to improper installation or use of the fixture either than hereinafter specified. Additionally, you are required to download the User Manual from www.spotlight.it for a comprehensive knowledge at each and all functions.

UNPACKING

Remove the fixture from its package and make sure no damage incurred during transport. In the event of damages, a report or claim shall be issued to the transport agent and the seller to start the repair or replacement process.

PRINTED NOTES ON THE FIXTURES

A label of the fixture' side displays the following information:

- Model part number
- Mains a.c.- voltage (V)
- Power (W)
- Frequency (Hz)
- Protection rate (IP 20)
- ta max: maximum ambient temperature allowed (°C)
- t max: external surface temperature at thermal regime (°C)
-X m minimum recommended distance between the fixture and the lighted object (m)
-  **Risk Group 2**, in compliance with EN62471. Do not face directly the light source as it might damage your eyesight.
-  **Photo-Biological safety**: do not stare at the light source while functioning
-  **Dispose of waste**: in compliance to 2012/19/EU, this fixture shall be disposed according to proper waste-class regulation

INSTALLATION

- This fixture is designed only for professional use, not for domestic use or handling
- This fixture can be either hung from top or fitted onto a tripod
- Make sure the hanging point is safe and stable. Additionally add a safety rope if required by local safety regulation
- Do not focus the light beam straight onto somebody's eyes

ELECTRICAL CONNECTION

Electrical wiring, plugging and cabling shall be made by professional or qualified technicians. Before and during installation, attend to the following procedures:

- Check that Mains Voltage and Frequency comply with what printed on the fixture's label
- Always check the Mains line is properly grounded
- Check the working power of the fixture, as printed on its label, to prevent from line overload
- This fixtures is foreseen for indoor use: it shall be protected from rain and humidity if used under different conditions (IP 20)

MAINTENANCE

Do not open the fixture before disconnecting from the mains: an electrical shock might occur. A complete inspection shall be made once a year to check the electrical and mechanical parts' integrity and the software upgrades. Repairs shall be made by the manufacturer only or its appointed after-sale service center. After cleaning, the lenses shall be re-assembled and, if scratched or ruined, they shall be replaced with original parts.

COMPLIANCE

This products complies with the European Directives:

- 2014/35/EU: Safety on Low Voltage Directive LVD
- 2014/30/EU: Electromagnetic Compatibility EMC
- 2011/65/EU: Restriction of Hazardous Substances Directive RoHS



Part 13. Logistics

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		Fixture					Packing				HS Code	
Power	Type	Code	Weight (kg)	Dimensions (cm)			Weight (kg)	Dimensions (cm)				
				Length	Width	Height		Length	Width	Height		
50W	Fresnel	FN LED 50 CW DMX	2,5	25,0	16,0	27,0	3,3	40,0	22,0	22,0	94054210	
		FN LED 50 WW DMX	2,5	25,0	16,0	27,0	3,3	40,0	22,0	22,0		
		FN LED 50 RGBW DMX	3,0	25,0	16,0	27,0	3,4	40,0	22,0	22,0		
	PC	PC LED 50 CW DMX	3,0	29,0	16,0	27,0	3,4	51,0	26,0	26,0		
		PC LED 50 WW DMX	3,0	29,0	16,0	27,0	3,4	51,0	26,0	26,0		
	Profile	PR LED 50 ZS WW DMX	4,1	29,0	16,0	27,0	5,1	51,0	26,0	26,0		
		PR LED 50 ZS RGBW DMX	4,1	29,0	16,0	27,0	5,1	51,0	26,0	26,0		
	Accessories	TC MINI	0,1	10,0	0,4	10,0	0,1	10,0	0,4	10,0	94059900	
		PL 4 MIN	0,4	15,5	11,5	3,3	0,4	18,0	13,0	4,4		
PGM MIZO		0,1	15,3	6,7	5,0	0,1	15,3	6,7	5,0			
100W	Fresnel	FN HY LED 100 CW	3,5	31,0	22,0	29,0	4,1	38,5	22,5	18,5	94054210	
		FN HY LED 100 WW	3,5	31,0	22,0	29,0	4,1	38,5	22,5	18,5		
	PC	PC HY LED 100 CW	3,5	31,0	22,0	29,0	4,3	38,5	22,5	18,5		
		PC HY LED 100 WW	3,5	31,0	22,0	29,0	4,3	38,5	22,5	18,5		
	Profile	PR HY LED 100 ZS CW	6,2	54,0	34,0	40,0	7,6	57,0	27,5	27,5		
		PR HY LED 100 ZS WW	6,2	54,0	34,0	40,0	7,6	57,0	27,5	27,5		
		PR HY LED 100 ZW CW	6,0	45,0	34,0	40,0	7,4	57,0	27,5	27,5		
		PR HY LED 100 ZW WW	6,0	45,0	34,0	40,0	7,4	57,0	27,5	27,5		
	Accessories	TC S05	0,1	14,0	0,4	14,0	0,1	14,0	0,4	14,0	94059900	
		PL 4 U05	0,8	22,5	17,0	3,5	0,9	24,5	19,0	5,5		
		DIA 05	0,3	8,5	10,5	2,5	0,3	21,0	13,0	5,0		
		PGB R 100	0,1	21,0	10,0	0,5	0,1	21,0	10,0	0,5		
200W	Fresnel	FN HY LED 200 CW	6,0	36,0	30,0	35,0	6,7	46,5	31,5	38,0	94054210	
		FN HY LED 200 WW	6,0	36,0	30,0	35,0	6,7	46,5	31,5	38,0		
		FN HY LED 200 TW	7,5	45,0	30,0	39,0	8,7	46,5	31,5	38,0		
		FN HY LED 200 RGBW	7,5	45,0	30,0	39,0	8,7	46,5	31,5	38,0		
		FN HY LED 200 6C	7,5	45,0	30,0	39,0	8,7	46,5	31,5	38,0		
	PC	PC HY LED 200 CW	6,0	36,0	30,0	35,0	6,7	46,5	31,5	38,0		
		PC HY LED 200 WW	6,0	36,0	30,0	35,0	6,7	46,5	31,5	38,0		
		PC HY LED 200 TW	7,5	45,0	30,0	39,0	8,7	46,5	31,5	38,0		
		PC HY LED 200 RGBW	7,5	45,0	30,0	39,0	8,7	46,5	31,5	38,0		
		PC HY LED 200 6C	7,5	45,0	30,0	39,0	8,7	46,5	31,5	38,0		
	Profile	PR HY LED 200 ZS CW	11,5	76,0	34,0	47,0	13,5	92,0	36,0	40,0		
		PR HY LED 200 ZS WW	11,5	76,0	34,0	47,0	13,5	92,0	36,0	40,0		
		PR HY LED 200 ZS TW	11,5	76,0	34,0	47,0	13,5	92,0	36,0	40,0		
		PR HY LED 200 ZS RGBW	11,5	76,0	34,0	47,0	13,5	92,0	36,0	40,0		
		PR HY LED 200 ZS 6C	11,5	76,0	34,0	47,0	13,5	92,0	36,0	40,0		
		PR HY LED 200 ZW CW	10,9	64,0	34,0	47,0	12,3	82,0	34,0	37,0		
		PR HY LED 200 ZW WW	10,9	64,0	34,0	47,0	12,3	82,0	34,0	37,0		
		PR HY LED 200 ZW TW	10,9	64,0	34,0	47,0	12,3	82,0	34,0	37,0		
		PR HY LED 200 ZW RGBH	10,9	64,0	34,0	47,0	12,3	82,0	34,0	37,0		
	PR HY LED 200 ZW 6C	10,9	64,0	34,0	47,0	12,3	82,0	34,0	37,0			
	Accessories	TC EU185	0,1	18,5	0,4	18,5	0,1	18,5	0,4	18,5		94059900
		PL 4 EU185	1,1	28,5	21,0	4,0	1,1	34,0	23,0	5,5		
		DIA HY	0,2	21,7	12,0	1,3	0,3	25,0	18,0	1,5		
		PGB HY	0,1	24,0	9,5	0,4	0,1	24,0	9,5	0,4		
PR HY OP ZS		6,2	48,0	25,5	23,0	7,6	71,0	36,0	40,0			
PR HY OP ZW		5,2	36,0	25,5	23,0	6,5	46,5	31,5	38,0			
300W	Fresnel	FN HY LED 300 CW	9,5	48,0	30,0	43,0	10,9	71,0	36,0	40,0	94054210	
		FN HY LED 300 WW	9,5	48,0	30,0	43,0	10,9	71,0	36,0	40,0		

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		FN HY LED 300 TW	9,5	48,0	30,0	43,0	10,9	71,0	36,0	40,0		
		FN HY LED 300 6C	9,5	48,0	30,0	43,0	10,9	71,0	36,0	40,0		
	PC	PC HY LED 300 CW	12,5	57,0	30,0	47,0	13,5	71,0	36,0	40,0		
		PC HY LED 300 WW	12,5	57,0	30,0	47,0	13,5	71,0	36,0	40,0		
		PC HY LED 300 TW	12,5	57,0	30,0	47,0	13,5	71,0	36,0	40,0		
		PC HY LED 300 6C	12,5	57,0	30,0	47,0	13,5	71,0	36,0	40,0		
		PR HY LED 300 ZS CW	15,0	76,0	34,0	47,0	18,5	92,0	36,0	40,0		
	Profile	PR HY LED 300 ZS WW	15,0	76,0	34,0	47,0	18,5	92,0	36,0	40,0		
		PR HY LED 300 ZS TW	15,0	76,0	34,0	47,0	18,5	92,0	36,0	40,0		
		PR HY LED 300 ZS 6C	15,0	76,0	34,0	47,0	18,5	92,0	36,0	40,0		
		PR HY LED 300 ZW CW	14,0	64,0	34,0	47,0	18,0	92,0	36,0	40,0		
		PR HY LED 300 ZW WW	14,0	64,0	34,0	47,0	18,0	92,0	36,0	40,0		
		PR HY LED 300 ZW TW	14,0	64,0	34,0	47,0	18,0	92,0	36,0	40,0		
PR HY LED 300 ZW 6C		14,0	64,0	34,0	47,0	18,0	92,0	36,0	40,0			
Followspot	FS HY LED 300 CW	19,0	100,0	35,0	35,0	22,0	115,0	40,0	40,0			
Cyclorama	CYC LED 300 RGBW DMX	15,0	57,0	43,0	25,0	18,2	61,0	57,0	33,0			
Accessories	TC S25	0,3	25,0	0,4	25,0	0,3	25,0	0,4	25,0	94059900		
	PL 4 U25	1,7	38,0	27,0	3,5	1,7	42,0	29,0	5,5			
	PL 8 U25	2,0	38,0	27,0	3,5	2,0	42,0	29,0	5,5			
	PL 4 HY3 PLUS	2,0	38,0	27,0	3,5	2,0	42,0	29,0	5,5			
700W	Fresnel	FN HY LED 700 CW	18,0	60,0	40,0	50,0					94054210	
		FN HY LED 700 WW	18,0	60,0	40,0	50,0						
		FN HY LED 700 TW	18,0	60,0	40,0	50,0						
		FN HY LED 700 8C	18,0	60,0	40,0	50,0						
	PC	PC HY LED 700 CW	20,0	69,0	40,0	50,0						
		PC HY LED 700 WW	20,0	69,0	40,0	50,0						
		PC HY LED 700 TW	20,0	69,0	40,0	50,0						
		PC HY LED 700 8C	20,0	69,0	40,0	50,0						
	Profile	PR HY LED 700 ZS CW	31,0	127,0	40,0	47,0						
		PR HY LED 700 ZS WW	31,0	127,0	40,0	47,0						
		PR HY LED 700 ZS TW	31,0	127,0	40,0	47,0						
		PR HY LED 700 ZS 8C	31,0	127,0	40,0	47,0						
		PR HY LED 700 ZW CW	28,0	92,0	40,0	47,0						
		PR HY LED 700 ZW WW	28,0	92,0	40,0	47,0						
		PR HY LED 700 ZW TW	28,0	92,0	40,0	47,0						
	PR HY LED 700 ZW 8C	28,0	92,0	40,0	47,0							
	Followspot	FS HY LED 700 CW	36,0	144,0	40,0	42,0						
	Accessories	TC HY 700	0,4	30,0	30,0	0,4	0,4	30,0	30,0	0,4		94059900
		PL 4 HY 700										
DIA HY 700												
PGB HY 700												