User manuals

Part 9.	User manual 8C

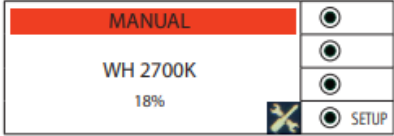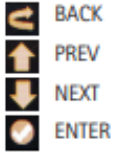### MENU

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

If the luminaire is DMX controlled, after 3 seconds the display will show the mode and DMX address	**EASY - 2CH** 001 SETUP
Otherwise it will show the potentiometers status	**MANUAL** WH 2700K 18% SETUP
By pressing the SETUP button you access the menu setup. 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. 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.	BACK PREV NEXT ENTER

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
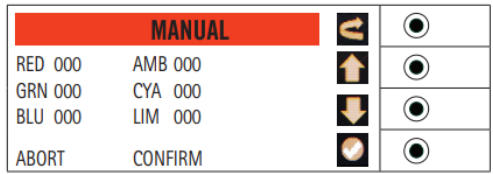
HARDWARE

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 fi x colour selectable from the "STANDALONE" -> "MANUAL MODE" menu and sends on the DMX line out the command to activate that specifi c 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 sho the set scene or sequence but it will not transmit it to the SLAVE luminaires and it will show in the main sceen 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 confi rm 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	

C.   **AUTO SCENE MODE**

SCENE X

SCENE X -> SCENE SET

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 confi rm 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	

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 Dmx
CUSTOM PRESET 10			

CUSTOM PRESET X

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 confi rm 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	**CUSTOM PRESET X** RED 000 AMB 000 GRN 000 CYA 000 BLU 000 LIM 000 ABORT CONFIRM

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)

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)

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 *(only in combination with FAN MODE AUTO)*
	150..155	LED BOOST OFF (default)
	156..161	FAN MODE AUTO *regulated in relation to the LED Temperature (Default factory setting)*
	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 *goes OFF after 10s*
	192..197	DISPLAY ON *display always ON*
	198..203	COLOUR CALIBRATION
	204..209	DEFAULT SET
	210..255	FREE

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.. 4	
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
196225	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
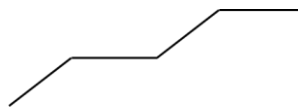
STEP   LINEAR   PRESET

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

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 SENSOR_VALUE	Display of the values read by the temperature sensor, expressed in tenths of Celsius degree

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 al 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 **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 fisture'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

CE