

LiteWare HO2/Satellite 2 - DMX protocol (ver. 1.1)

Mode 1	Mode 2	DMX Value	Function	Type of control
1	-	0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 100-109 110-114 115-119 120-129 130-139 140-255	Special functions Reserved <i>To activate following functions, stop in DMX value for at least 3 sec. and shutter must be closed at least 3 sec. (Shutter channel 8 must be at range of 0-31 DMX). Corresponding menu items are temporarily overridden except <u>Acoustic alarm On/Off</u> function.</i> RGBW colour mixing mode CMY colour mixing mode Acoustic alarm On Acoustic alarm Off Display permanent lits Display permanent turned off Dimmer curve: linear Dimmer curve: square law Colour calibration mode On Colour calibration mode Off Load: Eco Load: Full Reserved	step step step step step step step step step step step step step
2	1	0-255	Red (Cyan) Red LEDs saturation control (0-100%)	proportional
3	2	0-255	Green (Magenta) Green LEDs saturation control (0-100%)	proportional
4	3	0-255	Blue (Yellow) Blue LEDs saturation control (0-100%)	proportional
5	4	0-255	White (RGBW mode only) White LEDs saturation control (0-100%)	proportional
6	-	0 1-255	CTO No function Colour temperature correction (col. calibration mode has to be On)	step proportional
7	-	0 1-2 3 4-5 6 7-9 10-12 13-15 16 17-55 56 57 - 95 96 97 - 134	Virtual colour wheel No function White 2700 K White 2700 K (tungsten emulation)* White 3200 K White 3200 K (tungsten emulation)* White 4200 K White 5600 K White 8000 K Blue (Blue=full, Red+Green+White=0) Red=0, Green→up, Blue =full, White=0 Light Blue (Red=0, Green=full, Blue =full, white=0) Red=0, Green=full, Blue→down, White=0 Green (Red=0, Green=full, Blue =0, White=0) Red→up, Green=full, Blue=0, White=0	step step step step step step step step step step proportional step proportional step proportional

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		135 136 - 174 175 176 -214 215 216-246 247 248 249 250-255	Yellow (Red=full, Green=full, Blue=0,White=0) Red=full, Green→down, Blue=0, White=0 Red (Red=full, Green=0, Blue=0, White=0) Red=full, Green=0, Blue→up, White=0 Magenta (Red=full, Green=0,Blue=full,White=0) Red→down, Green=0, Blue=full, White=0 Blue (Red=0, Green=0, Blue=full, White=0) Rainbow effect(with fade time) Rainbow effect(without fade time) Reserved	step proportional step proportional step proportional step step step
8	-	0-31 32-63 64-95 96-127 128-143 144-159 160-191 192-223 224-255	Shutter/ Strobe Shutter closed Shutter open Strobe-effect from slow to fast Shutter open Opening pulses in sequences slow--> fast Closing pulses in sequences fast --> slow Shutter open Random strobe-effects from slow to fast Shutter open	step step proportional step proportional proportional step proportional step
9	-	0 - 255	Dimmer Dimmer intensity from 0% to 100%	proportional

*Halogen lamp effect during dimming