



Gallery WashDatFC

Compact LED wall wash with 60W LED
RGB+WW



USER MANUAL

Thank you for choosing PROLIGHTS

Please note that every PROLIGHTS product has been designed in Italy to meet quality and performance requirements for professionals and designed and manufactured for the use and application as shown in this document.

Any other use, if not expressly indicated, could compromise the good condition/operation of the product and/or be a source of danger.

This product is meant for professional use. Therefore, commercial use of this equipment is subject to the respectively applicable national accident prevention rules and regulations.

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Product user manual can be downloaded from the website www.prolights.it , or can be inquired to the official PROLIGHTS distributors of your territory (https://www.prolights.it/sales_network.html).

Scanning the below **QR Code**, you will access the download area of the product page, where you can find a broad set of always updated technical documentation: specifications, user manual, technical drawings, photometrics, personalities, fixture firmware updates.



**Visit the download area
of the product page**



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SAFETY INFORMATION



WARNING!

- See <https://www.prolights.it/product/GALLERYWASHDATEC#download> for installation instructions.
- Please read carefully the instruction reported in this section before installing, powering, operating or servicing the product and observe the indications also for its future handling.



This unit is not for household and residential use, only professional applications.



Connection to mains supply

- The Connection to the mains supply must be carried out by a qualified electrical installer.
- Use only AC supplies 100-240V 50-60 Hz, the fixture must be electrically connected to ground (earth).
- Select the cable cross section in according with the maximum current draw of the product and the possible number of products connected at the same power line.
- The AC mains power distribution circuit must be equipped with magnetic+residual current circuit breaker protection.
- Do not connect it to a dimmer system; doing so may damage the product.
- The product has XLR sockets for DMX input and output.
- Connection of the control signal: DMX LINE.
- Notice: this control circuit is not isolated.
- Cumulative leakage current of less than 3.5mA on the control circuit.



Protection and Warning against electrical shock

- Do not remove any cover from the product, always disconnect the product from AC power before servicing.
- Ensure that the fixture is electrically connected to ground (earth). And use only a source of AC power that complies with local building and electrical codes and has both overload and ground-fault (earth-fault) protection.
- Before using the fixture, check that all power distribution equipment and cables are in perfect condition and rated for the current requirements of all connected devices.
- Isolate the fixture from power immediately if the power plug or any seal, cover, cable, or other components are damaged, defective, deformed or showing signs of overheating.
- Do not reapply power until repairs have been completed.
- Refer any service operation not described in this manual to PROLIGHTS Service team or an authorized PROLIGHTS service center.



Installation

- Make sure that all visible parts of the product are in good visible condition before its use or installation.
- Make sure the point of anchorage is stable before positioning the projector.
- When suspending the fixture above ground level, secure it against failure of primary attachments by attaching a safety cable that is approved as a safety attachment for the weight of the fixture to the attachment point on the main frame of the product. In case the safety cable, enter in action, it needs to be replaced with a new one.
- Install the product only in well ventilated places.
- For non temporary installations, ensure that the fixture is securely fastened to a load-bearing surface with suitable corrosionresistant hardware.
- For a temporary installation with clamps, ensure that the quarter-turn fastener and/or screws are turned fully, and secured with a suitable safety cable.



Minimum distance of illuminated objects

- The projector needs to be positioned so that the objects hit by the beam of light are at least 0.5 meters (1.64 ft) from the lens of the projector.

T_a 45 °C

Max operating ambient temperature (T_a)

- Do not operate the fixture if the ambient temperature (T_a) exceeds 45 °C (113 °F).

T_a -10 °C

Minimum operating ambient temperature (T_a)

- Do not operate the fixture if the ambient temperature (T_a) is below -10 °C (14 °F).



Protection from burns and fire

- The exterior of the fixture becomes hot during use. Avoid contact by persons and materials.
- Ensure that there is free and unobstructed airflow around the fixture.
- Keep flammable materials well away from the fixture
- Do not expose the front glass to sunlight or any other strong light source from any angle. Lenses can focus the sun's rays inside the fixture, creating a potential fire hazard.
- Do not attempt to bypass thermostatic switches or fuses.



Indoor use

- This product is designed for indoor and dry environments.
- Do not use in wet location and do not expose the fixture to rain or moisture.
- Never use the fixture in places subject to vibrations or bumps.
- Make certain that no inflammable liquids, water or metal objects enter the fixture.
- Excessive dust, smoke fluid, and particle build up degrades performance, causes overheating and will damage the fixture.
- Damages caused by inadequate cleaning or maintenance are not covered by the product warranty.

T_c 70 °C

Temperature of the external surface

- The surface of the fixture can reach up to 70 °C (158 °F) during operation. Avoid contact with people and materials.



Maintenance

- Warning! Disconnect the fixture from AC mains power and allow to cool for at least 10 minutes before handling.
- Only technicians who are authorized by PROLIGHTS or Authorised service partners are permitted to open the fixture.
- Users may carry out external cleaning, following the warnings and instructions provided, but any service operation not described in this manual must be referred to a qualified service technician.
- Important! Excessive dust, smoke fluid, and particle build up degrades performance, causes overheating and will damage the fixture. Damages caused by inadequate cleaning or maintenance is not covered by the product warranty.



Photobiological safety

- This device emits potentially dangerous optical radiation and is identified in the category of Risk Group 1 according to EN 62471.



Do not stare at the operating light source

- Do not look directly at the LED source during operation. It can be harmful to the eyes and skin.



Disposal

- This product is supplied in compliance with European Directive 2012/19/EU – Waste Electrical and Electronic Equipment (WEEE). To preserve the environment please dispose/ recycle this product at the end of its life according to the local regulation.



The products to which this manual refers comply with:

- 2014/35/EU - Safety of electrical equipment supplied at low voltage (LVD).
- 2014/30/EU - Electromagnetic Compatibility (EMC).
- 2011/65/EU - Restriction of the use of certain hazardous substances (RoHS).



The products to which this manual refers comply with:

- UL 1573 + CSA C22.2 No. 166 - Stage and Studio Luminaires and Connector Strips.
- UL 8750 + CSA C22.2 No. 250.13-22 - Light Emitting Diode (LED) Equipment for use in Lighting Product.



FCC Compliance:

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. This device may not cause harmful interference, and
 2. This device must accept any interference received, including interference that may cause undesired operation.



Other approvals

- The product meets the safety requirements of the certification procedures of the market in which it is placed and sold.

1 - PACKAGING

PACKAGE CONTENT

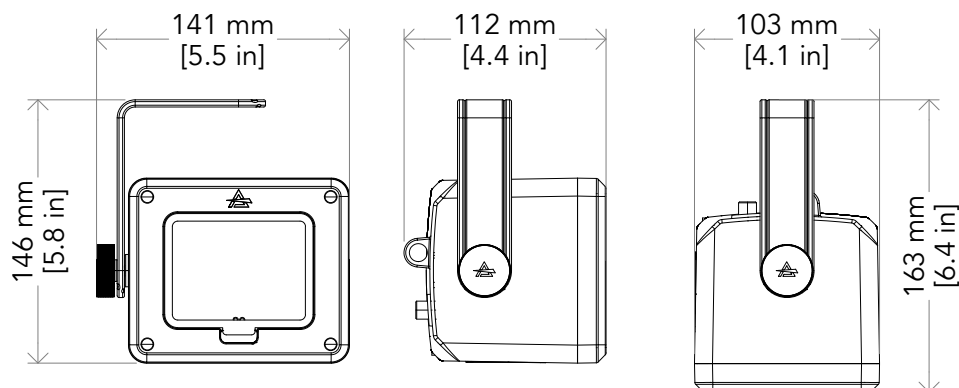
- 1x GALLERYWASHDATFC.
- 1x GWASHDATFILT30 Light diffusion filter for GALLERYWASHDAT series, symmetric 30°.
- 1 meter cable with 3G0,75mmq power cable + 2x0,169 mmq DMX 120 Ohm (BARE END - already connected).
- User Manual.

OPTIONAL ACCESSORIES

Check the updated accessories list, description and informations of the product at the following link:

<https://www.prolights.it/product/GALLERYWASHDATFC#accessories>

2 - TECHNICAL DRAWING



Weight: 1 kg - 2,2 lbs

Fig. 01

3 - INSTALLATION

MOUNTING

Check that the supporting structure can safely bear the weight of all installed fixtures, clamps, cables, auxiliary equipment, etc. and complies with locally applicable regulations.

When suspending the fixture above ground level, secure it against failure of primary attachments by attaching a safety wire that is approved as a safety attachment for the weight of the fixture to an anchor point on the product main frame.

Do not use removable parts or weak anchors for secondary attachment.

Warning! When clamping the fixture to a truss or other structure at any angle, use clamps of half-coupler type. Do not use any type of clamp that does not completely encircle the structure when fastened.

NOTE: The arrow of the fixture points to the light direction (see pag.09).

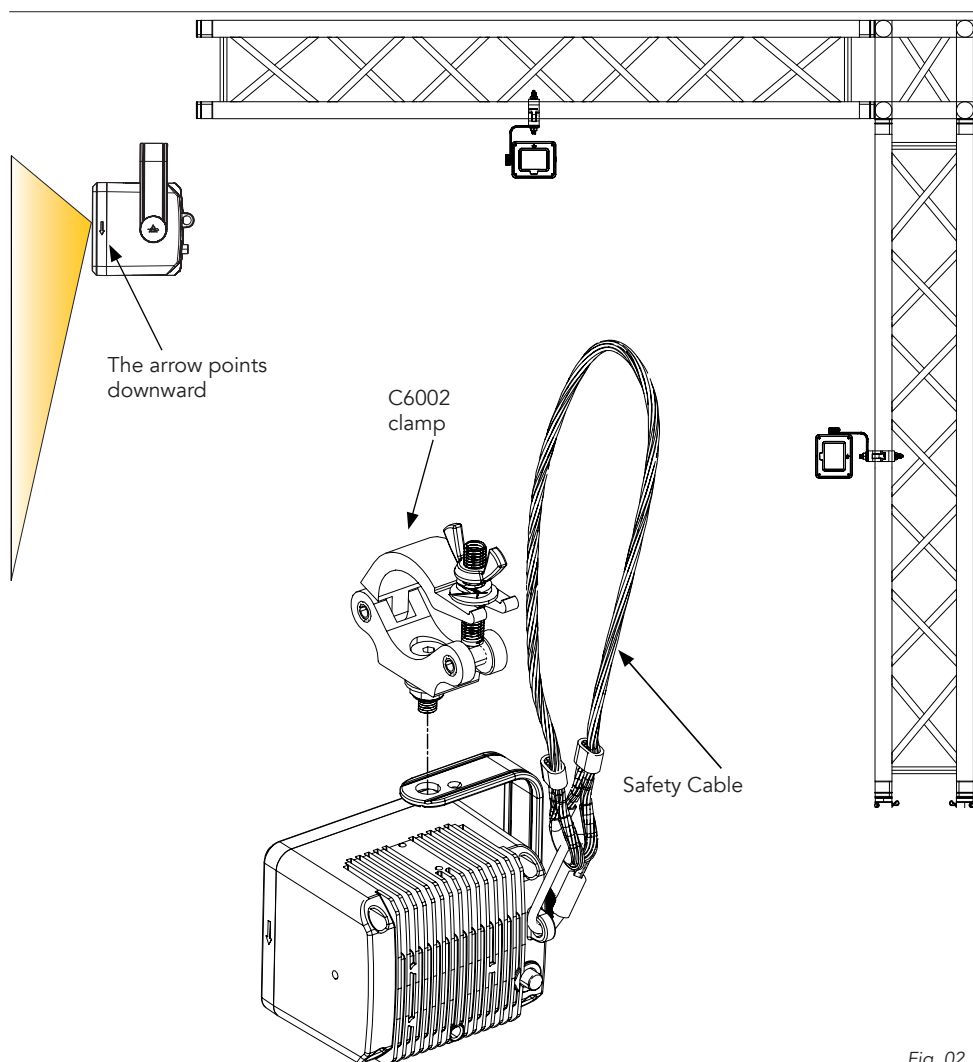


Fig. 02

4 - CONNECTION TO THE MAINS SUPPLY

WARNING: For protection from electric shock, the fixture must be earthed!

The product is equipped with auto-switching power supply that automatically adjusts to any 50-60Hz AC power source from 100-240 Volts.

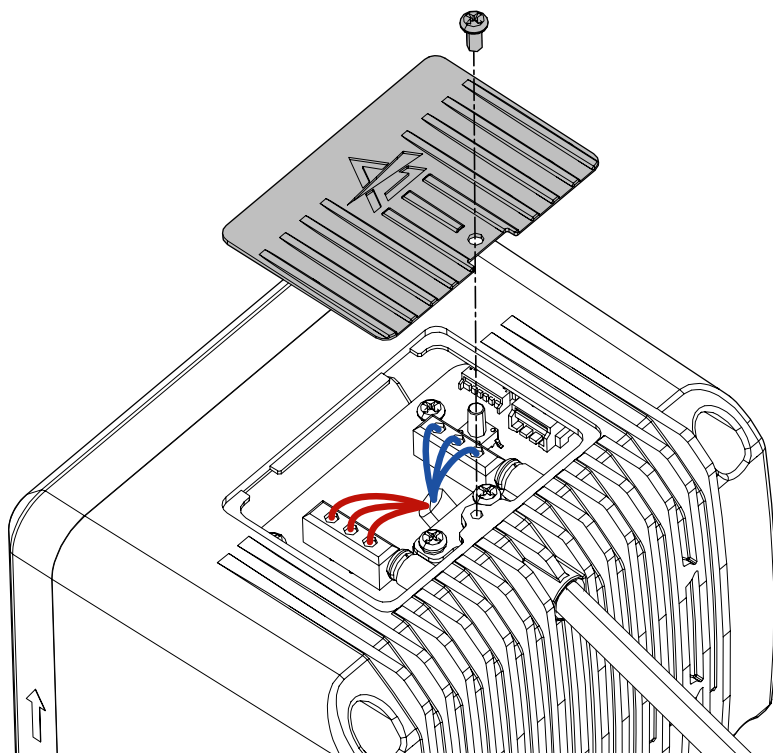
If you need to install a power plug on the power cable to allow connection to power outlets, install a grounding-type (earthed) plug, following the plug manufacturer's instructions. If you have any doubts about proper installation, consult a qualified electrician.

The max power consumption is 51W.

TRACK INSTALLATION

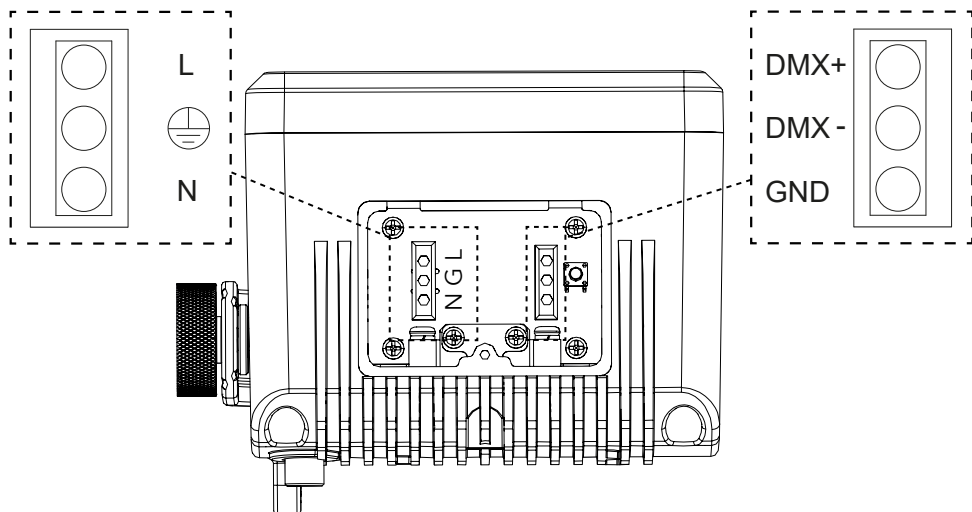
In case of track installation it is recommended a maximum track lenght of 20 meters and up to 15 units.

1



Loosen the crosshead screw to remove the terminal block cover, see the next page for the wiring.

Fig. 03



Follow the figure to connect the screw terminal blocks.

Fig. 04

5 - START UP

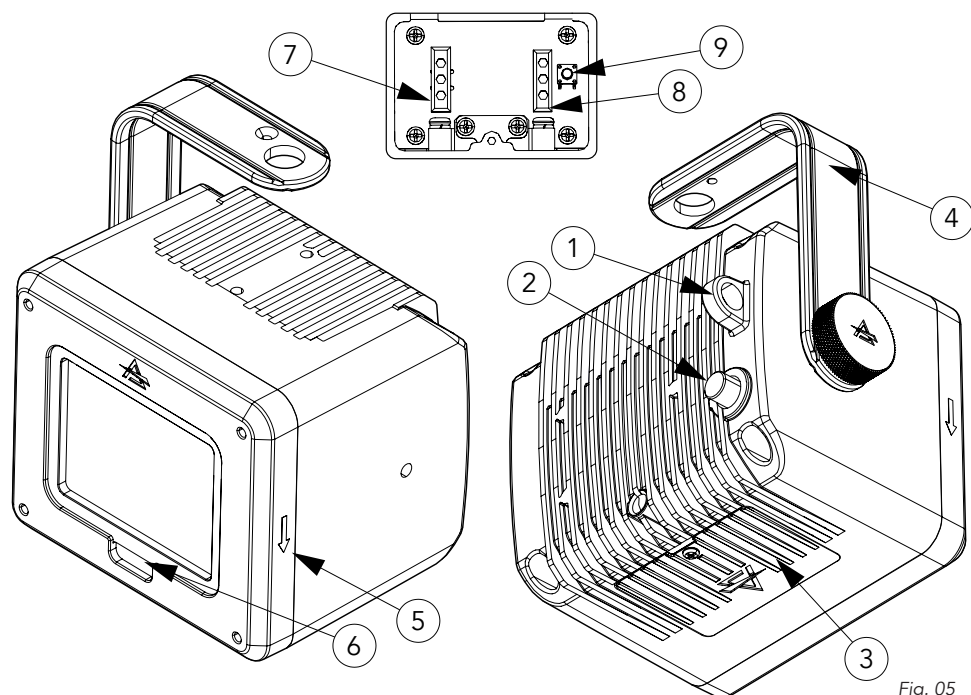
CONNECT AND DISCONNECT POWER FROM THE PRODUCT

To apply and disconnect power to the product:

- Check that the product is installed and secured as indicated in the Safety Informations, and that personal safety will not be put at risk when the fixture lights up.
- Connect the power connector into the Mains input socket (100-240 VAC-50/60 Hz).
- The product is then ready for its operations and can be controlled through the available input signals on board.
- To disconnect power from the product, disconnect the Mains from the socket.

6 - PRODUCT OVERVIEW

1. SAFETY EYE to attach safety cable;
2. PUSHABLE ENCODER for standalone operations;
3. COVER for terminal Power/DMX terminal blocks;
4. TILTABLE BRACKET for installations (Included);
5. ARROW to indicate the light output direction;
6. FILTER HOLDER;
7. POWER terminal block;
8. DMX terminal block;
9. BUTTON for wireless operations.



7 - CONNECTION TO A WIRELESS DMX TRANSMITTER

If the optional wireless kit GWASHDATWK has been installed in the product, the table below shows the behaviour of the button for wireless operations (N°9 in the previous page).

BUTTON FOR WIRELESS OPERATIONS FUNCTION

WIRELESS ON RX RESET ON	Long press the button for 10 seconds, it works if the wireless module is installed. The light source flashes 5 times to confirm the settings.
----------------------------	--

WIRELESS LED STATUS

WIRELESS = OFF	Blue Led keep OFF
WIRELESS = ON	1) Blue led keeps fast flicking (on-off-on-off) for 100ms,Wireless reset performed. 2) Blue led keeps slow flickering (on-off-on-off) for 3s, wait for wireless connection. 3) Blue led keeps slow flicking (on-off-on-off) for 1s, it has connection, but without wireless DMX Signal IN. 4) Blue Led on, connection established and DMX signal transmission.

NOTE: The wireless on DMX is always active

8 - RDM FUNCTIONS

The product can communicate using RDM (Remote Device Management) protocol over a DMX512 Networks.

RDM is a bi-directional communications protocol for use in DMX512 control systems, it is the open standard for DMX512 device configuration and status monitoring.

The RDM protocol allows data packets to be inserted into a DMX512 data stream without affecting existing non-RDM equipment. It allows a console or dedicated RDM controller to send commands to and receive messages from specific fixtures.

The PIDs in the following tables are supported in the product.

Category	Parameter	Value	GET	SET
Product Information	SUPPORTED_PARAMETERS	0x0050	x	
	PARAMETER_DESCRIPTION	0x0051	x	
	PRODUCT_DETAIL_ID_LIST	0x0070	x	
	DEVICE_MODEL_DESCRIPTION	0x0080	x	
	MANUFACTURER_LABEL	0x0081	x	
	DEVICE_LABEL	0x0082	x	x
	FACTORY_DEFAULTS	0x0090	x	x
DMX512 Setup	DMX_PERSONALITY	0x00E0	x	x
	DMX_PERSONALITY_DESCRIPTION	0x00E1	x	
	DMX_START_ADDRESS	0x00F0	x	x
	SLOT_INFO	0x0120	x	
	SLOT_DESCRIPTION	0x0121	x	
	DEFAULT_SLOT_VALUE	0x0122	x	
Sensors	SENSOR_DEFINITION	0x0200	x	
	SENSOR_VALUE	0x0201	x	x
Dimmer Settings	DIMMER_INFO	0x0340	x	
	CURVE	0x0343	x	x
	CURVE_DESCRIPTION	0x0344	x	x
	OUTPUT_RESPONSE_TIME	0x0345	x	x
	OUTPUT_RESPONSE_TIME_DESCRIPTION	0x0346	x	
	MODULATION_FREQUENCY	0x0347	x	x
	MODULATION_FREQUENCY_DESCRIPTION	0x0348	x	
Power/Lamp Settings	DEVICE_HOURS	0x0400	x	x
	LAMP_HOURS	0x0401	x	x
	LAMP_STRIKES	0x0402	x	x
	LAMP_STATE	0x0403	x	x
	LAMP_MODE	0x0404	x	x
	DEVICE_POWER_CYCLES	0x0405	x	x
Control	IDENTIFY_MODE	0x1040	x	x

Manufacturer Specific PIDs

Parameter	PID	GET	SET	Value	Description	
DMX FAULT	0x82DD	x	x	0-2	0: Blackout 1: Hold 2: Stand Alone	
MASTER/SLAVE	0x8211	x	x	0-2	0: Master DMX 1: Master NO DMX 2: Slave	
STAND ALONE MODE	0x82EC	x	x	0-4	0: Static 1: Macro 2: CCT 3: White Presets 4: RGBW	
CCT	0x8346	x	x	0-255	DEFAULT: 128	
CLEAN ALL DATA	0x82C8	x	x	0-1	0: No 1: Yes	
COLOR MACROS	0x82ED	x	x	0-255	See Color macro pag.21	
CURRENT HOURS	0x82C5	x		0-1		
ERROR MESSAGES	0x82EA	x		0-2	0: No Error 1: Temperature Too High 2: LED sensor damaged (open or in short circuit)	
LED MODE	0x8217	x	x	0-2	0: HB Mode 1: Studio mode	
MAINTENANCE TIME:ALERT PERIOD	0x82DF	x	x	10-300	DEFAULT: 300	
MAINTENANCE TIME:ELAPSED TIME	0x82E0	x	x	0-1	DEFAULT: 0	
MANUAL RED	0x82C0	x	x	0-255	DEFAULT: 255	
MANUAL GREEN	0x82C1	x	x	0-255	DEFAULT: 255	
MANUAL BLUE	0x82C2	x	x	0-255	DEFAULT: 255	
MANUAL WARM WHITE	0x82C3	x	x	0-255	DEFAULT: 255	
POWER CONSUMPTION(AC 220V)	0x82DE	x		0-1		
STATIC COLOR	0x82BE	x	x	0-14	0: R 1: G 2: B 3: W 4: RG 5: RB 6: RW 7: GB	8: GW 9: BW 10: RGB 11: RGW 12: RBW 13: GBW 14: RGBW
STUDIO RED	0x82C9	x	x	125-255	DEFAULT: 255	
STUDIO GREEN	0x82CA	x	x	125-255	DEFAULT: 255	
STUDIO BLUE	0x82CB	x	x	125-255	DEFAULT: 255	
STUDIO WARM WHITE	0x82CC	x	x	125-255	DEFAULT: 255	
STUDIO RED	0x82C9	x	x	125-255	DEFAULT: 255	

Manufacturer Specific PIDs

Parameter	PID	GET	SET	Value	Description
STUDIO GREEN	0x82CA	x	x	125-255	DEFAULT: 255
STUDIO BLUE	0x82CB	x	x	125-255	DEFAULT: 255
STUDIO WARM WHITE	0x82CC	x	x	125-255	DEFAULT: 255
WHITE CALIBRATION RED	0x8200	x	x	125-255	DEFAULT: 255
WHITE CALIBRATION GREEN	0x8201	x	x	125-255	DEFAULT: 255
WHITE CALIBRATION BLUE	0x8202	x	x	125-255	DEFAULT: 255
WHITE CALIBRATION WARM WHITE	0x8203	x	x	125-255	DEFAULT: 255
WHITE PRESETS	0x82BF	x	x	0-20	0: 2800K 1: 3000K 2: 3200K 3: 3400K 4: 3600K ... 14: 5400K 15: 5600K 16: 6000K 17: 7000K 18: 8000K 19: 9000K 20: 10000K
TIMO VERSION	0x8369	x		0000	
WIRELESS	0x8212	x	x	0-1	0: Off 1: On
WIRELESS RESET	0x8215	x	x	0-1	0: Off 1: On

NOTE: the terms shown in **BOLD** indicates the default settings.

N°	MENU	LEVEL 1	LEVEL 2	DESCRIPTION
1	CONNECT	DMX ADDRESS	1-512	
2	WIRELESS	ON		Enable/Disable the wireless card. (OPTIONAL)
		OFF		
3	DMX MODE	BASIC		Set DMX chart for Main Fixture.
		STANDARD		
		EXTENDED		
		BASIC 16 BIT		
4	DIMMER CURVE	LINEAR		Select different curve behaviour of dimmer. See pag.17 for further details.
		S-CURVE		
		SQUARE LAW		
		INVERSE SQUARE LAW		
5	DIMMER SPEED	AUTO		Select different speed behaviour of dimmer. See pag.18 for further details.
		FAST		
		MEDIUM		
		SLOW		
6	LED FREQUENCY	600Hz	4000Hz	Select PWM frequency.
		1200Hz	6000Hz	
		2000Hz	25kHz	
7	DMX FAULT	BLACKOUT		To choose the behaviour of fixture in case of dmx signal lost.
		HOLD		
		STAND ALONE		
8	SPECIFIC PIDS			See pag.12-13 for Specific PIDs list.
9	INFORMATION	DEVICE TIME	FIXTURE HOURS	To check the total working hours of the unit.
			CURRENT HOURS	To check the current working hours of the unit.
			SOURCE HOURS	To see the total operating hours of the LED source.
			POWER ON CYCLE	To see the power cycles of the machine.
			MAINTENANCE TIME	
		POWER CONS.	W...	
		TEMPERATURE	NEAR SOURCE TEMP, DRIVER PCB TEMP, LED PCB TEMP,...	
		SOFTWARE VERSION		View informations about software version.
		DEVICE INFO		
		DEVICE LABEL		
		RDM UID		View ID for the RDM control.

N°	MENU	LEVEL 1	LEVEL 2		DESCRIPTION
10	STAND ALONE	MASTER/SLAVE	MASTER DMX		See pag.15 for further details
			MASTER NO DMX		
			SLAVE		
		STATIC COLORS	RED		
			...		
			FULL		
		COLOR MACRO			See color macro Pag.23
		CCT	0-255		
		WHITE PRESETS	2800K	5000K	
			3000K	5200K	
			3200K	5400K	
			3400K	5600K	
			3600K	6000K	
			3800K	6500K	
4000K	7000K				
4200K	8000K				
4400K	9000K				
4600K	10000K				
4800K					
MANUAL	RED				
	GREEN				
	BLUE				
	WARM WHITE				
11	FACTORY DEFAULT	-			

MASTER/SLAVE

The MASTER/SLAVE function enables the fixture to operate in standalone mode, where it must be set to MASTER. When configured correctly, this allows one fixture to control multiple fixtures in a daisy chain setup, ensuring synchronized operation. Below are the available modes:

- **MASTER DMX** - The fixture operates as the master, with standalone mode active, and transmits the same standalone functionality via DMX to other fixtures in the daisy chain.
- **MASTER NO DMX** - The device works as master but does not transmit the DMX signal to the other devices connected in the daisy chain.
- **SLAVE** - The fixture remains in standby, waiting to receive a signal from another device set to MASTER DMX. If a standalone mode is selected on the fixture, it will automatically switch to MASTER NO DMX.saved presets or factory settings.

When set to MASTER DMX or MASTER NO DMX, if an external DMX IN signal is detected, it will take priority and automatically disable the standalone mode.

ENCODER BEHAVIOUR WHEN DMX FAULT@STAND ALONE

STAND ALONE MODE*	ONE TIME PRESS	MOVE ENCODER	DOUBLE PRESS	HOLD for 3 sec
STATIC COLOR (Default)	Switch between: DIMMER STATIC COLOR	Change the Dimmer value / change the Static Color List	HIGHLIGHT / LEAVE HIGHLIGHT	Encoder Lock / Encoder Unlock +Save settings (The light source will flash twice)
COLOR MACRO	Switch between: DIMMER COLOR MACRO	Change the Dimmer value / change the Color Macro List	HIGHLIGHT / LEAVE HIGHLIGHT	Encoder Lock / Encoder Unlock +Save settings (The light source will flash twice)
CCT	Switch between: DIMMER CCT	Change the Dimmer value / change the linear CCT	HIGHLIGHT / LEAVE HIGHLIGHT	Encoder Lock / Encoder Unlock +Save settings (The light source will flash twice)
WHITE PRESETS	Switch between: DIMMER WHITE PRESET	Change the Dimmer value / change the White Presets list	HIGHLIGHT / LEAVE HIGHLIGHT	Encoder Lock / Encoder Unlock +Save settings (The light source will flash twice)
MANUAL	Switch between: DIMMER RED GREEN BLUE WHITE	Change the Dimmer value / change the Red- Green-Blue-White value	HIGHLIGHT / LEAVE HIGHLIGHT	Encoder Lock / Encoder Unlock +Save settings (The light source will flash twice)

***NOTE:** The Stand Alone modes can be set by **PID 0x82EC** (see RDM section pag.12)

In any moment you can perform a WIRELESS@ON + RX RESET pressing the encoder for 10s, to confirm this the source will flash 5 times

DIMMER CURVES

- Five dimming modes are available:
- 1. **LINEAR** - Light intensity increases proportionally to the DMX value, creating a linear perception.
 - 2. **S-CURVE** - Light intensity is finer at low and high levels, with coarser control at mid-levels.
 - 3. **SQUARE LAW** - Light intensity is finer at low levels and becomes coarser at higher levels.
 - 4. **INVERSE SQUARE LAW** - Light intensity is coarser at low levels and finer at higher levels.

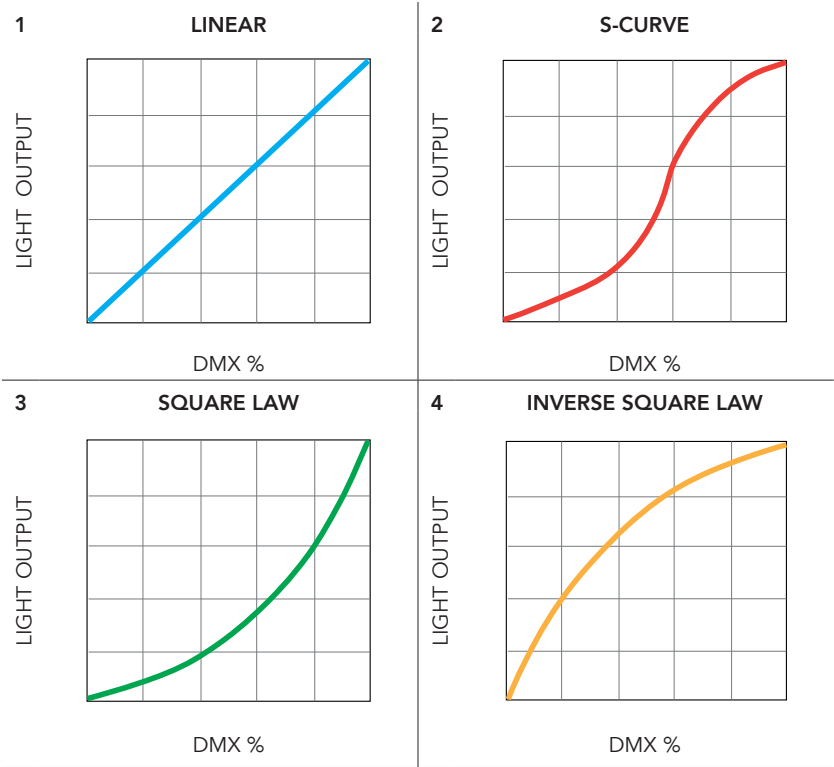


Fig. 06

DIMMER SPEEDS

- Five dimming speeds are available:
- 1. **AUTO** - When the DMX value changes by more than 50 DMX values, the intensity will instantly adjust to the new value. For changes less than 50 DMX values, the fast dimming curve will be applied.
 - 2. **FAST** - Indicates the fast speed dimming curve. Refer to the diagram for reference.
 - 3. **MEDIUM** - Indicates the medium speed dimming curve. Refer to the diagram for reference.
 - 4. **SLOW** - Indicates the slow dimming curve. Refer to the diagram for reference.

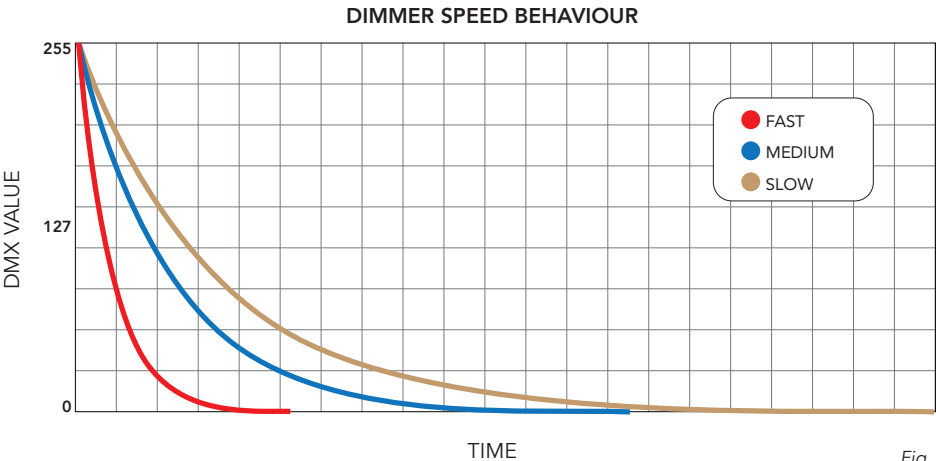


Fig. 07

9 - ERROR MESSAGES

ERROR SHOWED ON SCREEN	POSSIBLE CAUSES
[TEMPERATURE TOO HIGH]	This error message indicates that an overheating has occurred and the led has been switched OFF by the product protection system.
[LED TEMPERATURE SENSOR ERROR]	LED sensor damaged (open or in short circuit)

10 - DMX CHARTS

RDM Personality ID List

ID	DMX Mode	Footprint
1	BASIC	6CH
2	BASIC 16BIT	11CH
3	STANDARD	7CH
4	EXTENDED	15CH

RDM Model ID: 0xD164

PARAMETER	MODE			
	BASIC	BASIC 16BIT	STANDARD	EXTENDED
DIMMER	1	1	1	1
DIMMER FINE	-	2	2	2
STROBE	-	-	3	3
CCT	-	-	4	4
CROSSFADE	-	-	5	5
RED	2	3	-	6
RED FINE	-	4	-	7
GREEN	3	5	-	8
GREEN FINE	-	6	-	9
BLUE	4	7	-	10
BLUE FINE	-	8	-	11
WARM WHITE	5	9	-	12
WARM WHITE FINE	-	10	-	13
COLOR MACRO	-	-	6	14
CONTROL	6	11	7	15

DMX CHANNEL DETAILS

BASIC	BASIC 16BIT	STNDRD	EXTND	Function	DMX value		Default
					from	to	
1	1	1	1	MASTER DIMMER Lineary from close to open	000	255	000
-	2	2	2	MASTER DIMMER FINE Lineary from close to open	000	255	000
-	-	3	3	STROBE			0
				Open	0	1	
				Strobe from slow to fast	2	62	
				Open	63	64	
				Pulse in from slow to fast	65	125	
				Close	126	127	
				Pulse out from slow to fast	128	188	
				Open	189	190	
				Randon from slow to fast	191	251	
				Open	252	255	
-	-	4	4	CCT Check "CCT" on page 19	000	255	000
-	-	5	5	XFADE FROM CCT TO COLOR Lineary from 0% to 100%	000	255	255
2	3	-	6	RED Lineary from 0% to 100%	000	255	000
-	4	-	7	RED FINE Lineary from 0% to 100%	000	255	000
3	5	-	8	GREEN Lineary from 0% to 100%	000	255	000
-	6	-	9	GREEN FINE Lineary from 0% to 100%	000	255	000
4	7	-	10	BLUE Lineary from 0% to 100%	000	255	000
-	8	-	11	BLUE FINE Lineary from 0% to 100%	000	255	000
5	9	-	12	WARM WHITE Lineary from 0% to 100%	000	255	000
-	10	-	13	WARM WHITE FINE Lineary from 0% to 100%	000	255	000
-	-	6	14	COLOR MACRO Check "Color macro" on page 21	///	///	000
6	11	7	15	CONTROL Check "Control Channel" on page 22	///	///	000

CCT (2800K - 10000K)

Function		8 bit value		16 bit value		Note
CCT(K) From	CCT(K) To	From	To	From	To	
2800	2900	0	4	0	910	Default @ 0
2900	3000	4	7	910	1820	
3000	3100	7	11	1820	2731	
3100	3200	11	14	2731	3641	
3200	3300	14	18	3641	4551	
3300	3400	18	21	4551	5461	
3400	3500	21	25	5461	6371	
3500	3600	25	28	6371	7282	
3600	3700	28	32	7282	8192	
3700	3800	32	35	8192	9102	
3800	3900	35	39	9102	10012	
3900	4000	39	43	10012	10923	
4000	4100	43	46	10923	11833	
4100	4200	46	50	11833	12743	
4200	4300	50	53	12743	13653	
4300	4400	53	57	13653	14563	
4400	4500	57	60	14563	15474	
4500	4600	60	64	15474	16384	
4600	4700	64	67	16384	17294	
4700	4800	67	71	17294	18204	
4800	4900	71	74	18204	19114	
4900	5000	74	78	19114	20025	
5000	5100	78	81	20025	20935	
5100	5200	81	85	20935	21845	
5200	5300	85	89	21845	22755	
5300	5400	89	92	22755	23665	
5400	5500	92	96	23665	24576	
5500	5600	96	99	24576	25486	
5600	5700	99	103	25486	26396	
5700	5800	103	106	26396	27306	
5800	5900	106	110	27306	28216	
5900	6000	110	113	28216	29127	
6000	6100	113	117	29127	30037	
6100	6200	117	120	30037	30947	
6200	6300	120	124	30947	31857	
6300	6400	124	128	31857	32768	
6400	6500	128	131	32768	33678	
6500	6600	131	135	33678	34588	
6600	6700	135	138	34588	35498	
6700	6800	138	142	35498	36408	
6800	6900	142	145	36408	37319	
6900	7000	145	149	37319	38229	
7000	7100	149	152	38229	39139	
7100	7200	152	156	39139	40049	
7200	7300	156	159	40049	40959	
7300	7400	159	163	40959	41870	
7400	7500	163	166	41870	42780	
7500	7600	166	170	42780	43690	
7600	7700	170	174	43690	44600	
7700	7800	174	177	44600	45510	

CCT (2800K - 10000K)

Function		8 bit value		16 bit value		Note
CCT(K) From	CCT(K) To	From	To	From	To	
7800	7900	177	181	45510	46421	
7900	8000	181	184	46421	47331	
8000	8100	184	188	47331	48241	
8100	8200	188	191	48241	49151	
8200	8300	191	195	49151	50061	
8300	8400	195	198	50061	50972	
8400	8500	198	202	50972	51882	
8500	8600	202	205	51882	52792	
8600	8700	205	209	52792	53702	
8700	8800	209	213	53702	54613	
8800	8900	213	216	54613	55523	
8900	9000	216	220	55523	56433	
9000	9100	220	223	56433	57343	
9100	9200	223	227	57343	58253	
9200	9300	227	230	58253	59164	
9300	9400	230	234	59164	60074	
9400	9500	234	237	60074	60984	
9500	9600	237	241	60984	61894	
9600	9700	241	244	61894	62804	
9700	9800	244	248	62804	63715	
9800	9900	248	251	63715	64625	
9900	10000	251	255	64625	65535	

COLOR MACRO

Function	8 bit value		Gel #
Gel Name	From	To	
No Function	0	1	None
Red	2	3	None
Green	4	5	None
Blue	6	7	None
Cyan	8	9	None
Magenta	10	11	None
Yellow	12	13	None
Dirty White	14	15	LEE
Alice Blue	16	17	LEE
Congo Blue	18	19	LEE
Dark Steel Blue	20	21	LEE
Deep Lavender	22	23	LEE
Lilac Ting	24	25	LEE
Daylight Blue	26	27	LEE
Flame Red	28	29	LEE
Bastard Amber	30	31	LEE
Deep Orange	32	33	LEE
Pale Gold	34	35	LEE
Apricot	36	37	LEE
Bright Blue	38	39	LEE
Primary Green	40	41	LEE
Special Lavender	42	43	LEE
Pale Lavender	44	45	LEE
Deep Golden Amber	46	47	LEE
Medium Blue	48	49	LEE
Bright Pink	50	51	LEE
Mauve	52	53	LEE
Dark Green	54	55	LEE
Lee Green	56	57	LEE
Dark Blue	58	59	LEE
Light Blue	60	61	LEE
Steel Blue	62	63	LEE
Medium Blue-Green	64	65	LEE
Peacock Blue	66	67	LEE
Magenta	68	69	LEE
Dark Pink	70	71	LEE
Middle Rose	72	73	LEE
Light Salmon	74	75	LEE
English Rose	76	77	LEE
Light Rose	78	79	LEE
Orange	80	81	LEE
Deep Amber	82	83	LEE
Straw	84	85	LEE
Light Amber	86	87	LEE
Spring Yellow	88	89	LEE
Dark Yellow Green	90	91	LEE
Just Blue	92	93	LEE
Sky Blue	94	95	LEE
Lavender	96	97	LEE
Light Lavender	98	99	LEE
Pink Carnation	100	101	LEE

COLOR MACRO

Function	8 bit value		Gel #
Gel Name	From	To	
Medium Pink	102	103	LEE
Light Pink	104	105	LEE
Sunset Red	106	107	LEE
Dark Amber	108	109	LEE
Gold Amber	110	111	LEE
Medium Amber	112	113	LEE
Fire	114	115	LEE
Surprise Peach	116	117	LEE
Straw Tint	118	119	LEE
Medium Yellow	120	121	LEE
Lee Minus Green	122	123	LEE
Pale Gold	124	125	LEE
Orange	126	127	LEE
Deep Straw	128	129	LEE
Rose Purple	130	131	LEE
Deep Purple	132	133	LEE
Soft Green	134	135	LEE
Reserved	136	211	-
2800K	212	213	0
3000K	214	215	1
3200K	216	217	2
3400K	218	219	3
3600K	220	221	4
3800K	222	223	5
4000K	224	225	6
4200K	226	227	7
4400K	228	229	8
4600K	230	231	9
4800K	232	233	10
5000K	234	235	11
5200K	236	237	12
5400K	238	239	13
5600K	240	241	14
6000K	242	243	15
6500K	244	245	16
7000K	246	247	17
8000K	248	249	18
9000K	250	251	19
10000K	252	253	20
Full ON	254	255	-

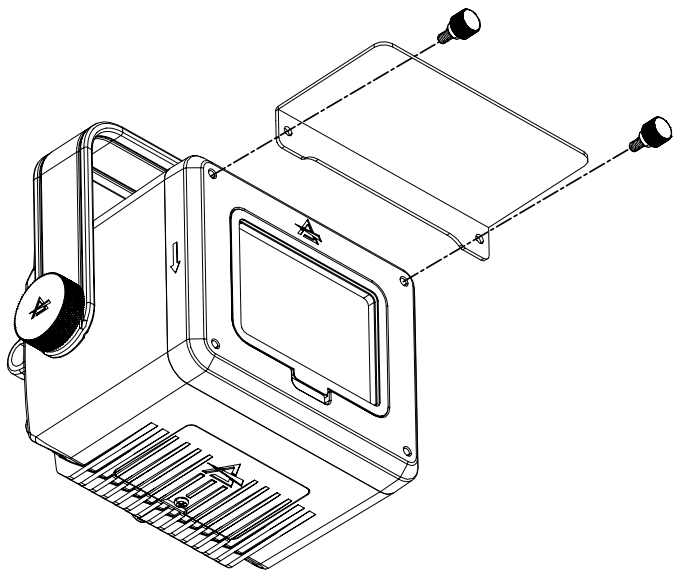
CONTROL CHANNEL

Function Hold 3s to take function		8 bit value		Note
		From	To	
No Function / Safe		0	1	Default @ 0
DIMMER CURVE	DIMMER CURVE LINEAR	2	3	
	DIMMER CURVE S-CURVE	4	5	
	DIMMER CURVE SQUARE LAW	6	7	
	DIMMER CURVE INVERSE SQUARE LAW	8	9	
DIMMER SPEED	DIMMER SPEED AUTO	10	11	
	DIMMER SPEED FAST	12	13	
	DIMMER SPEED MEDIUM	14	15	
	DIMMER SPEED SLOW	16	17	
LED FREQUENCY	LED FREQUENCY 600HZ	18	19	
	LED FREQUENCY 1200HZ	20	21	
	LED FREQUENCY 2000HZ	22	23	
	LED FREQUENCY 4000HZ	24	25	
	LED FREQUENCY 6000HZ	26	27	
DMX FAULT	LED FREQUENCY 25KHZ	28	29	
	DMX FAULT HOLD	30	31	
	DMX FAULT BLACKOUT	32	33	
STAND ALONE	DMX FAULT STAND ALONE	34	35	
	STAND ALONE MASTER DMX	36	37	
	STAND ALONE MASTER NO DMX	38	39	
	STAND ALONE SLAVE	40	41	
	STAND ALONE STATIC COLORS	42	43	
	STAND ALONE CCT	44	45	
	STAND ALONE COLOR MACRO	46	47	
	STAND ALONE WHITE PRESETS	48	49	
Reserved		50	51	
Reserved		52	251	
FACTORY DEFAULT OF CONTROL FUNCTIONS		252	253	
Reserved		254	255	

11 - ACCESSORIES INSTALLATION

SNOOT (CODE GWASHDATHSNOOT B/W - OPTIONAL)

1



2

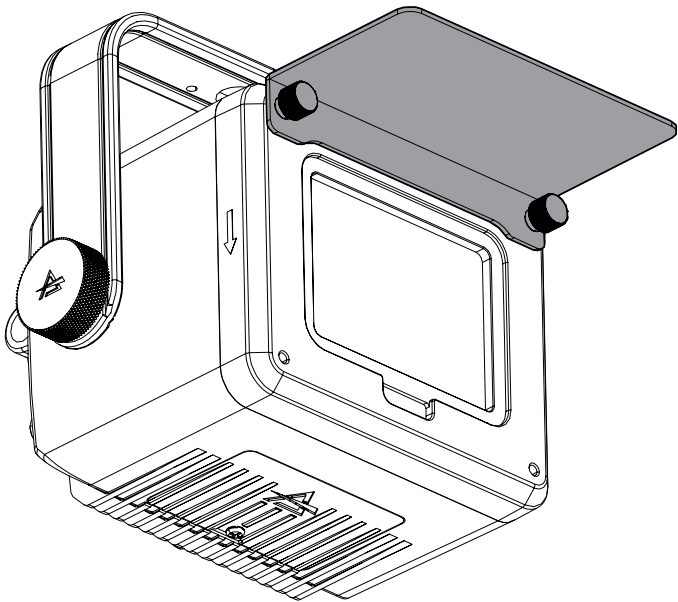
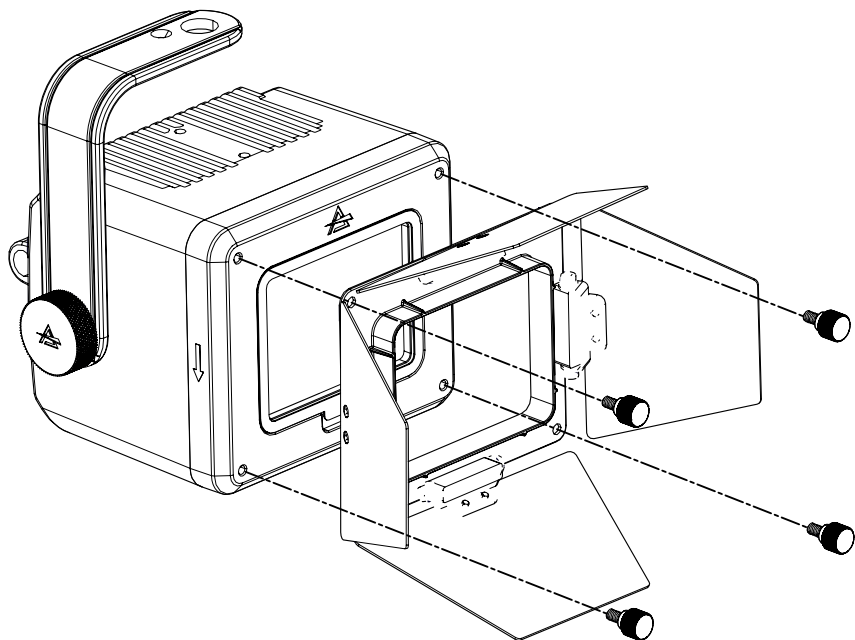


Fig. 08

1



2

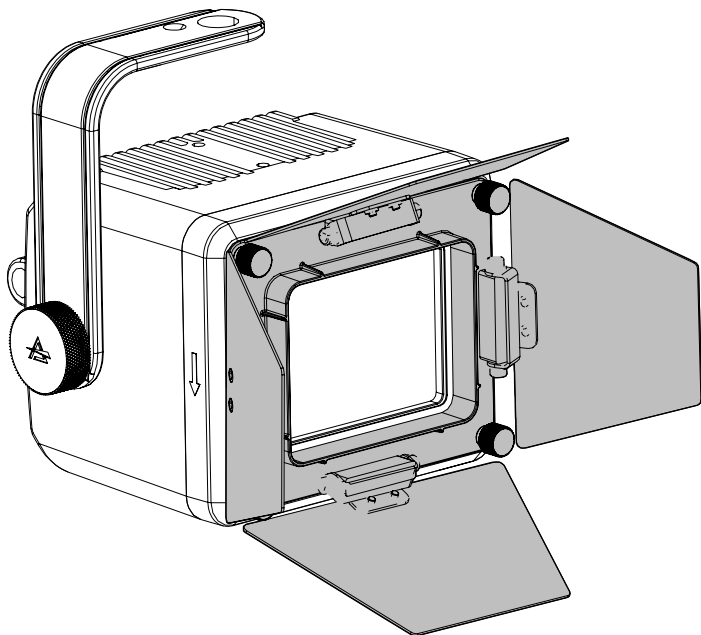
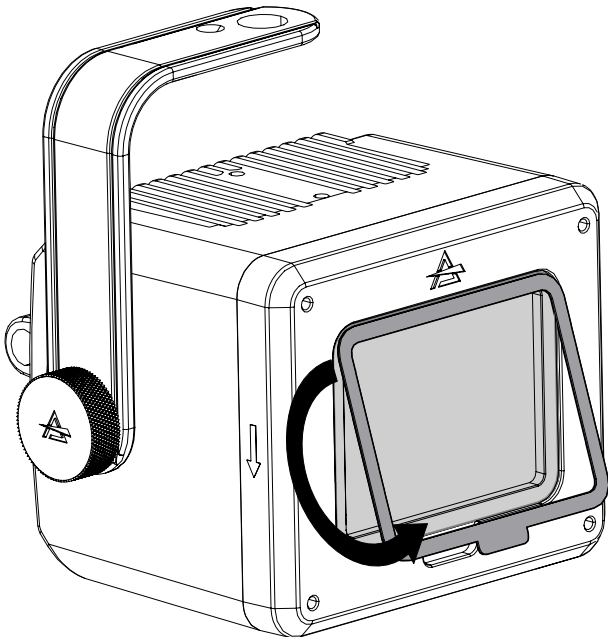


Fig. 09

1



2

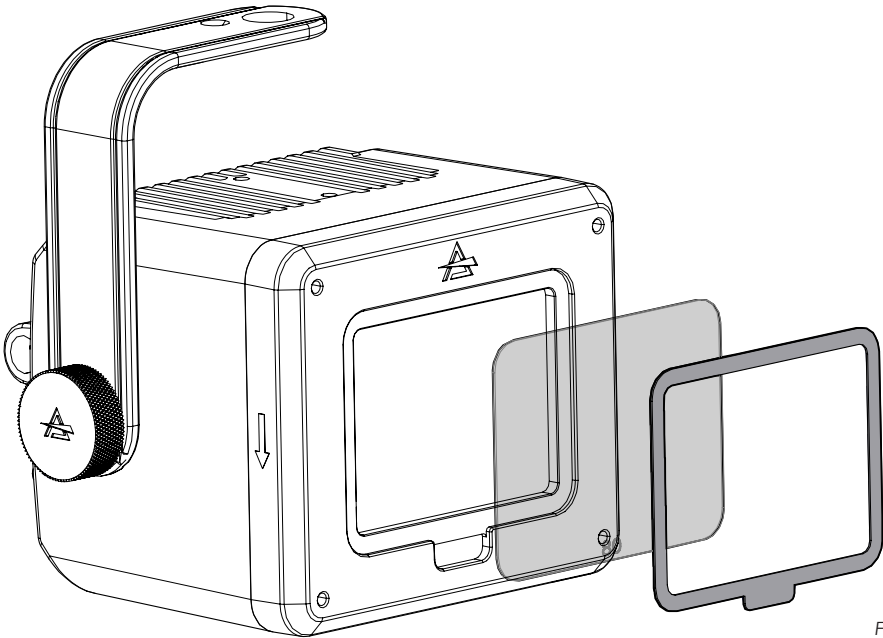
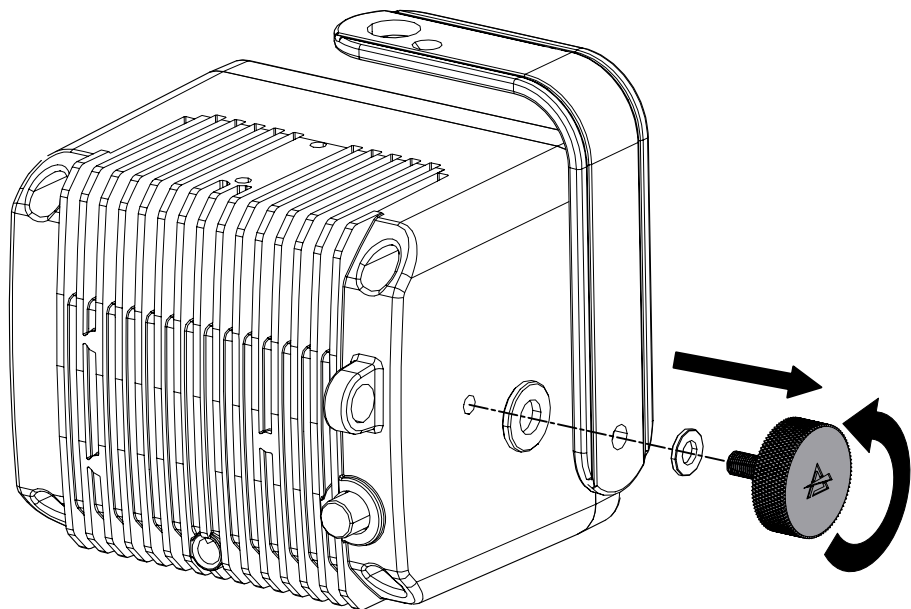


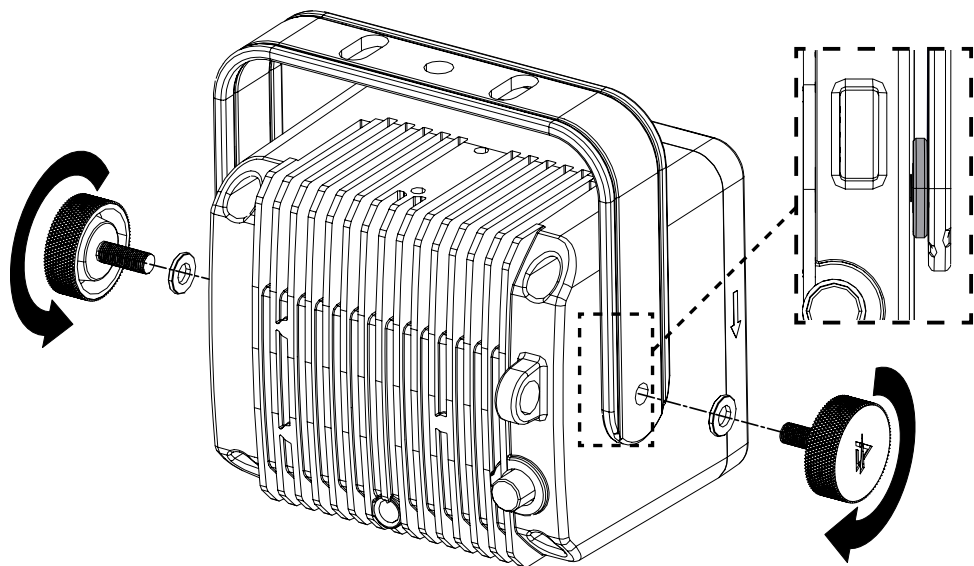
Fig. 10

WALL MOUNTING BRACKET (CODE GWASHDATWMBRK B/W - OPTIONAL)

1



2



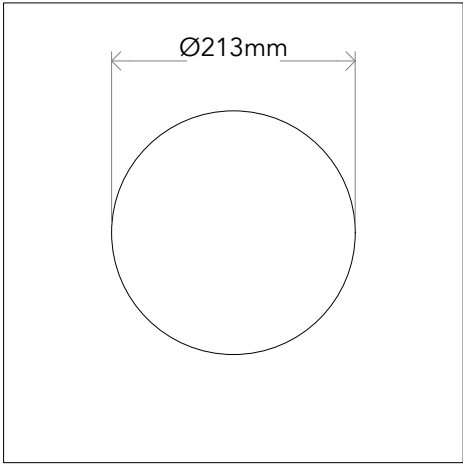
Once removed the standard bracket, pay attention to insert the spacer between the GWASHDATWMBRK and the fixture (2).

Fig. 11

CEILING KIT ADAPTER (CODE GWASHDATCEILKIT B/W - OPTIONAL)

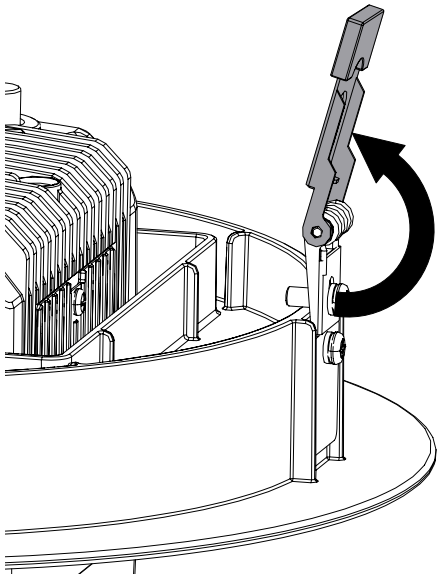
NOTE: Ensure the ceiling surface is more than 15 mm thick

1



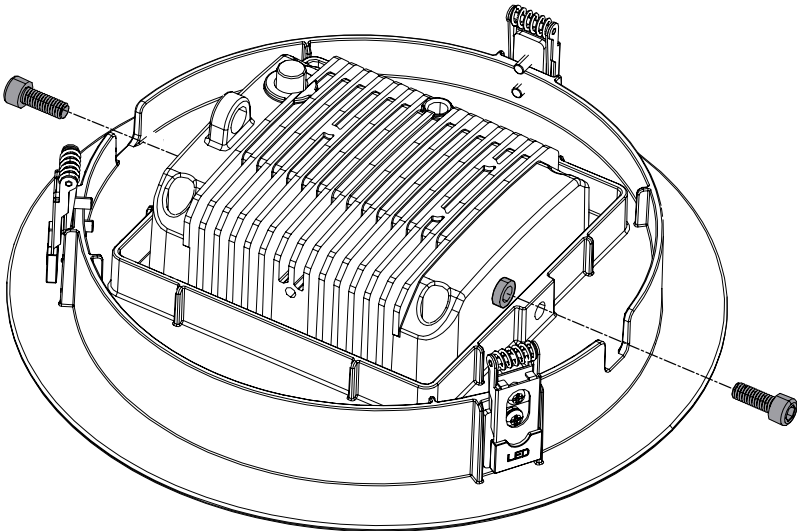
First bore the surface as illustrated in Figure 1

3



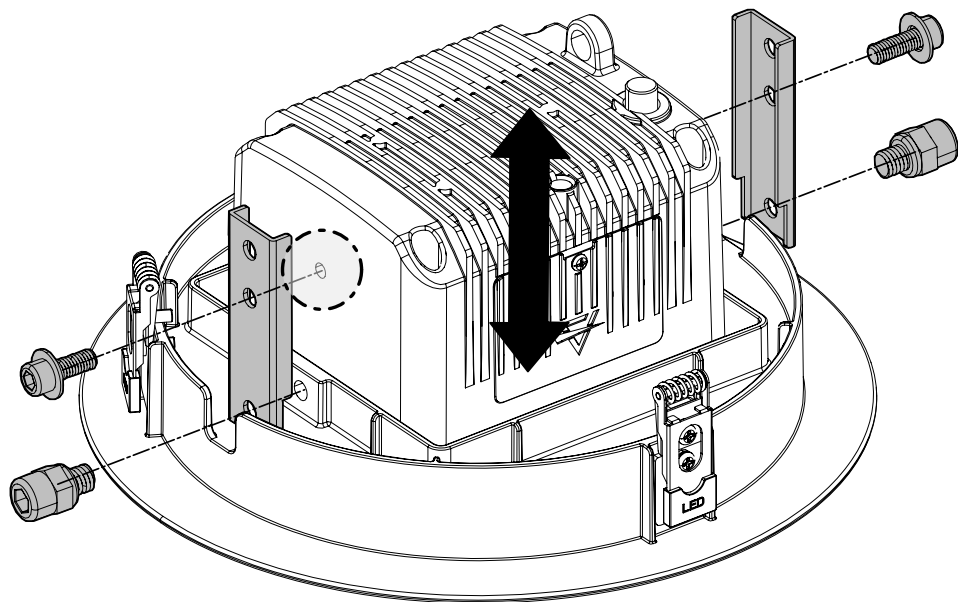
Insert each spring into the ceiling.

2



Fix the GALLERYWASHDAT to the ceiling kit by the provided screws.
NOTE: The rubber washers must be positioned between projector and the ceiling kit.

Fig. 12



If needed, is possible to install the projector flat to the ceiling, or recessed, using the additional metal plates provided as shown in figure

NOTE: to fix the metal plates use the M8 screws and nuts, to fix the projector use the M6 screws and washers.

Fig. 13

12 - MAINTENANCE

MAINTENANCE AND CLEANING THE PRODUCT

WARNING: Disconnect from the mains before starting any maintenance work

It is recommended to clean the front at regular intervals, from impurities caused by dust, smoke, or other particles to ensure that the light is radiated at maximum brightness.

- For cleaning, disconnect the main plug from the socket. Use a soft, clean cloth moistened with a mild detergent. Then carefully wipe the part dry. For cleaning other housing parts use only a soft, clean cloth. Never use a liquid, it might penetrate the unit and cause damage to it.
- The user must clean the product periodically to maintain optimum performance and cooling. The user may also upload firmware (product software) to the fixture via the DMX signal input port or USB port using firmware and instructions from PROLIGHTS.
- The frequency of such maintenance operations is to be performed according to various factors, such as the amount of the use and the condition of the installation environment (air humidity, presence of dust, salinity, etc.). It is recommended that the product is subject to annual service by a qualified technician for special maintenance involving at least the following procedures:
- General cleaning of internal parts.
- For all the parts subject to friction, using lubricants specifically supplied by PROLIGHTS.
- General visual check of the internal components, cabling, mechanical parts, etc.
- Electrical, photometric and functional checks; eventual repairs.
- Cleaning the lenses. Only use neutral soap and water to clean the lenses, then dry it carefully with a soft, non-abrasive cloth.

WARNING: the use of alcohol or any other detergent could damage the lenses.

- All other service operations on the product must be carried out by PROLIGHTS, its approved service agents or trained and qualified personnel.
- It is PROLIGHTS policy to apply the strictest possible calibration procedures and use the best quality materials available to ensure optimum performance and the longest possible component lifetimes. However, optical components are subject to wear and tear over the life of the product, resulting in gradual changes in colours over many thousands of hours of use. The extent of wear and tear depends heavily on operating conditions and environment, so it is impossible to specify precisely whether and to what extent performance will be affected. However, you may eventually need to replace optical components if their characteristics are affected by wear and tear after an extended period of use and if you require fixtures to perform within very precise optical and colour parameters.
- Do not apply filters, lenses or other materials on lenses or other optical components. Use only accessories approved by PROLIGHTS.

VISUAL CHECK OF PRODUCT HOUSING

- The parts of the product cover/housing should be checked for eventual damages and breaking start at least every two months. In addition, especially the parts of the front lens holder have to be checked mechanically (by means of movement by the part) if it is firmly fastened to the fixture. If hint of a crack is found on some plastic part, do not use the product until the damaged part will be replaced.
- Cracks or another damages of the cover/housing parts can be caused by the product transportation or manipulation and also ageing process may influence materials.
- This checking is necessary for both fixed installations and preparing product for renting. Any free moving parts inside of the product, cracked cover/housing or any part of front lens not sitting properly in place need to be immediately replaced.

TROUBLESHOOTING

Problems	Possible causes	Checks and remedies
Product doesn't power ON	No power to the product	Check that power is switched ON and cables are plugged in.
Product reset correctly but does not respond correctly to the controller.	Bad signal connection	Inspect connections and cables. Fix eventual bad connections. Repair or replace damaged cables.
	Signal connection not terminated	Insert DMX termination plug in signal output socket of the last product on the signal line.
	Incorrect addressing of the product	Check the product address and control settings
	One of the product is defective and is corrupting the signal transmission on the signal line	Unplug the XLR in and out connectors and connect them directly together to bypass one product at a time until normal operation is regained. Once found the error, have that fixture serviced by a qualified technician.
Timeout error after fixture reset.	One or more hardware components requires mechanical adjustments	Check product stored error messages for more information. Contact PROLIGHTS Service or an authorized service partner.
Mechanical effect loses position	Mechanical hardware require cleaning, adjustment or lubrication	Check product stored error messages for more information. Contact PROLIGHTS Service or an authorized service partner.
Light output turn OFF Intermittently	Fixture is too hot	- Check product stored error messages. - Allow product to cool. - Clean the product and airflow filters. - Reduce ambient temperature.
	Hardware failure (temperature sensor, fans, Light source...)	Check product stored error messages for more information. Contact. PROLIGHTS Service or an authorized service partner.
General low light intensity	Dirty lens assembly	Clean the fixture regularly.
	Dirty or damaged filters	Install lens assembly properly.

Contact an authorized service center in case of technical problems or not reported in the table can not be resolved by the procedure given in the table.

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