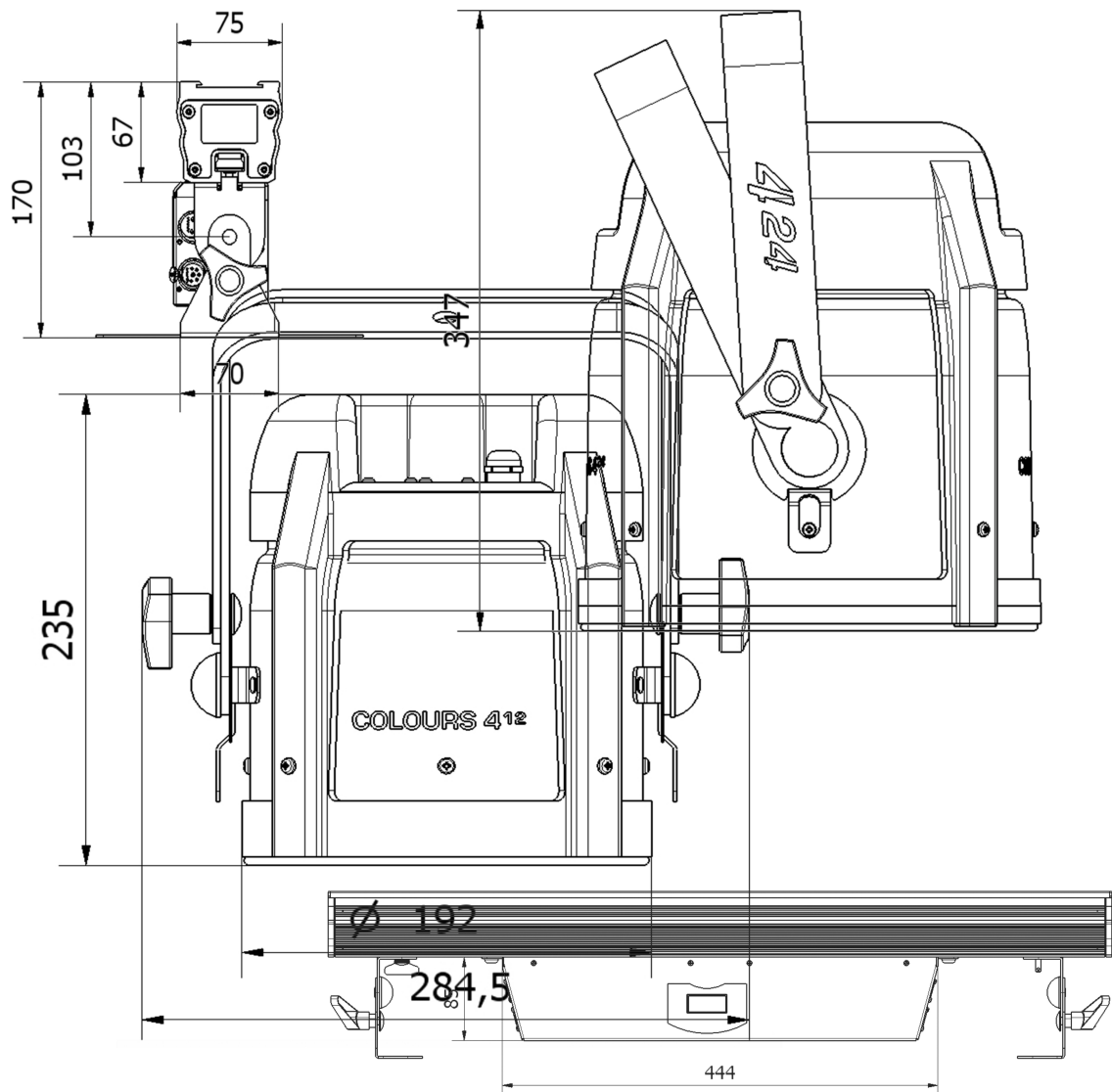# evolight.

408 - *412* - *416* - *424*
OWNER'S MANUAL

INDEX

_____

Warning:

Control Panel :

Main Menu:

- Address
- Setup
- Dmx in
- Dmx out
- Master Dmx out
- Program Selection
- Master Program
- Info
- Exit

Technical Specifications:

Note:

Warning:
After opening package please make sure the product is in perfect condition. Gently remove fixture from its packaging and make sure the product has not been damaged in any way. If you find that the case of the fixture has received damage, DO NOT CONTINUE UNPACKING AND DO NOT ATTEMPT TO REPAIR the fixture. Not complying with this recommendation it will void the warranty. Instead please contact your local agent or the manufacturer. Texts, specifications of the products can be changed, altered at any time without notice. For product upgrades and other specifications please click on www.evolight.it. www.coloursledlight.eu

Main Menu

Fixtures ' Listings Menu & sub+menues:

_Address

_Setup:
- Temperat
- Max Temp
- DmxSetup
- Defaults
- Sw Vers
- SerNum
- FanSetup
- CalibRed
- CalibGrn
- CalibBlu
- CalibWhi
- SmoothDM
- StBy Col
- Exit
-

_DMX in
_DMX out

_MstDmxO

_ProgrSel:
- Prg 1
- Prg 2
- Prg 3
- Prg 4
-

_MstProg;
- Prg 1
- Prg 2
- Prg 3
- Prg 4

_Info
_Exit

Control panel

There are 5 keys available on the Menu to allow for programming

Red "ENTER" key (1) to engage and confirm selection(s)

Yellow "UP" key (2) to move upwards within the Menu

Yellow "UP" key (3) to move downwards within the Menu

Yellow "LEFT" key (4) to move leftwards within the menu

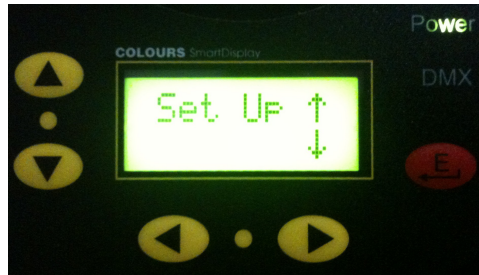Yellow "RIGHT" key (5) to move rightwards within the menu

Address Menu

DMX ADDRESS:

To change fixture's DMX address use UP/Down keys to increase/decrease DMX value. When required value is displayed, press enter to confirm. Display backlit goes automatically off after a few seconds.

Setup Menu

There are 13 sub-menus in the Setup Menu which give information and other data about the configuration and the status of Evolight fixture.

TEMPERAT
_____

Display shows fixture's current working temperature

MAX TEMP

Display shows Maximum reached temperature in C° of Evolight fixture

DMXSETUP

Setting DMX value of Evolight fixture

Use keys "Enter, up, down, right, left, to browse through menu. The LCD, graphic display will guide you to the other lists of options. When entered the required menu/sub-menu use   "UP" "DOUN" key to select mode ("5c RGBWD" "4c RGBW"
"8c CTO" "3c RGB" "5c HSVW" "14c 16B" "7c RGBW" "4c HSVS").
Press enter to engage selection. (Dmx table(s) available to show all Evolight fixtures' DMX channels)

DEFAULTS

Defaults" menu to reset Evolight fixture to original default factory's status

Use keys "Enter, up, down, right, left, to browse through menu. When "Defaults" is located press "Enter" to access sub-menu. Browse through sub-

menu using UP/Down key to locate "NONE" & FACT" modes. Select one of the two modes then press enter to confirm selection.
 "Fact" mode brings Evolight fixture to original default factory's status. None mode brings you out of the mode without changes.

SW VERS

SW VERS LCD: to check current software version.

Use UP/Down keys to browse through menues. Select SW VERS sub-menu by shifting the UP/Down keys. When SW VERS is displayed, press enter to confirm selection. To quit menu press enter again.

SER NUM

 "Serial Number" displays fixture's serial number

Use UP/Down keys to browse through menues. Select "SerNum" sub-menu by shifting the UP/Down keys. When SerNum is displayed, press enter to confirm selection. To quit menu press enter again.

FAN SETUP

 "Fan Setup" menu to adjust fan speed

Use UP/Down keys to browse through menus. Select "FanSetup in the sub-menu by shifting the UP/Down keys. When Fansetup is displayed, press enter to confirm selection. Move the UP/Down keys to "000" and "001", the first 000 digits keep fan off at all times unless temperatures reach 40°C, the latter 001 engages fan on at all times even with low temperature. To confirm selection press enter.

CALIBRED

Calibred menu allows calibration to tune colours on each individual Red Green Blue White. This useful mode permits also to tweak and balance slight differences in the shades of the whites, if ever different LED-binning were

used.

Use UP/Down keys to browse through menus. Select "CalibRed" in the sub-menu by shifting the UP/Down keys. When CalibRed" is displayed, press enter to confirm selection. Move the UP/Down keys to change any value from "000 to 255"; when new value is set press enter to confirm selection

CALIBGREEN

Use UP/Down keys to browse through menus. Select "CalibGreen" in the sub-menu by shifting the UP/Down keys. When CalibRed" is displayed, press enter to confirm selection. Move the UP/Down keys to change any value from "000 to 255"; when new value is set press enter to confirm selection

CALIBBLUE

Use UP/Down keys to browse through menus. Select "CalibBlue" in the sub-menu by shifting the UP/Down keys. When CalibRed" is displayed, press enter to confirm selection. Move the UP/Down keys to change any value from "000 to 255"; when new value is set press enter to confirm selection

CALIBWHITE

Use UP/Down keys to browse through menus. Select "CalibWhite" in the sub-menu by shifting the UP/Down keys. When CalibRed" is displayed, press enter to confirm selection. Move the UP/Down keys to change any value from "000 to 255"; when new value is set press enter to confirm selection

SMOOTDIM

 "Smoot Dimmer" menu allows for value corrections on the sinusoidal curve to early on or delay LED starting.

Use UP/Down keys to browse through menus. Select "SmootDimm" in the sub-menu by shifting the UP/Down keys. When SmootDimm" is displayed, press enter to confirm selection. Move the UP/Down keys to change any value from "000 to 255"; when new curve value is set press enter to confirm selection

STBYCOL

"StBy Color" menu allows for LED zero value corrections on each individual colour.

Use UP/Down keys to browse through menus. Select "STBCOL" in the sub-menu by shifting the UP/Down keys. When STBCOL" is displayed, press enter to confirm selection. Move the UP/Down keys to change any value from "000 to 255"; To move from one colour to another use the LEFT/RIGHT keys. When new value is set press enter to confirm selection

EXIT

Press Enter to exit Setup menu.

DMX IN Menu

"DmxIn" Menu allows to view DMX Channels and the IN values of the Evolight Fixture

Use UP/Down keys to browse through menus. Select "DMXIn" in the sub-menu by shifting the UP/Down keys. When DMXIn" is displayed, press enter to confirm selection. Display shows DMX value VL (Value) and CH (Channel). Move the Right/Left keys to allocate a new DMX value. Press Enter to confirm and to exit menu.

DMX OUT Menu

"DmxOut" allows for DMX, channel operations and to generate a dmx signal within the fixture; it also generates output DMX signal which can also be used for other Evolight fixture connected on the same DMX line.

Use UP/Down keys to browse through menus. Select "DmxOut" in the sub-menu by shifting the UP/Down keys. When DmxOut" is displayed, press enter to confirm selection. Display shows DMX value VL (Value) and CH (Channel) Move the Right/Left keys to allocate a new DMX value. Press Enter to exit menu. (This control system allows for the display to be used as small control-desk)

MST DMX O MENU

Master Dmx Out" allows fort the view of Dmx channels as well to generate one dmx channel within the fixture,; The selected menu also generates output DMX signal which can in addition be used for other Evolight fixture connected on the same DMX line. This feature allows for the first unit to be used as a master while all the other will act in cascade. When all DMX channels have been set to their values and show(s) recorded, the Master Dmx out mode will store and retain configuration(s).

Use UP/Down keys to browse through menus. Select "MstDmxOut" in the sub-menu by shifting the UP/Down keys. When DmxOut" is displayed, press enter to confirm selection. Display shows DMX value VL (Value) and CH (Channel) Move the Right/Left keys to allocate a new DMX value. Press Enter to exit menu. (This control system allows for the display to be used as small control-desk). To keep this Master function available, do not exit this menu when switching the fixture(s) off. When fixture(s) is turned on, Master Menu will be immediately available in its menu.

PROG SEL Menu

 "Program Selection" menu allows for the Evolight fixture to be installed with pre-sets programs with or without DMX signal.

Use UP/Down keys to browse through menus. Select ""ProgSel" in the sub-menu by shifting the UP/Down keys then press enter. "PRG 01" is then displayed (01 is program n 1). Use UP/Down keys to scroll list then press enter to confirm selection. Use Right/Left keys to PLAY PAUSE or STOP. If Evolight fixture is turned off on "Program Selection, when rebooted it retains the same configuration. To exit press enter to confirm selection.

MST PROG MENU

 Use "Master Program Selection" to pre-store or modify preset programs.

Use UP/Down Keys to scroll through menus. Select "ProSel" then press enter to confirm selection. PRG 01 (01 = program n 1) will be displayed; scroll through using UP/Down keys to select program to be modified, press now enter to confirm selection. Display shows S 01 (S 01= first step of the program) on the first line while of the second line shows channel and value "Red 000". Use the UP/Down keys to change DMX values and use the Right/Left keys to change dmx channel(s), and time mode, to confirm selection and to go to step two, press enter to confirm selection. Repeat the same operation as many time as it is needed to complete your programs**. TO CONFIRM AND CONCLUDE YOUR FINAL SELECTIONS PRESS RIGHT/LEFT KEY SIMULTANIEOSULY. To review your programs enter "ProgramSelection" menu.**

INFO MENU

Info Menu shows EVOLIGHT Fixture latest software release

Use "UP" e "DOWN" scroll through menu then "Info" . Press enter to view software reference,

DMX TABLE

Setup 3c RGB			
Channel	Function	DMX	%
1	Red	0->255	0->100
2	Greeb	0->255	0->100
3	Blue	0->255	0->100

Setup 4c RGBW			
Channel	Function	DMX	%
1	Red	0->255	0->100
2	Green	0->255	0->100
3	Blue	0->255	0->100
4	White	0->255	0->100

Setup 7c RGBW

Channel	Function	DMX	%
1	Red	0->255	0->100
2	Green	0->255	0->100
3	Blue	0->255	0->100
4	White	0->255	0->100
5	Stobe	0->5 off - 6->255 strobe	0->1,9 off - 2->100 strobe
6	Macro	0->5 off - 6->255 rainbow	0->1,9 off - 2->100 rainbow
7	Dimmer	0->255	0->100

Setup 8c
CTO

Channel	Function	DMX	%
1	Red	0->255	0->100
2	Green	0->255	0->100
3	Blue	0->255	0->100
4	White	0->255	0->100
5	Stobe	0->5 off - 6->255 strobe	0->1,9 off - 2->100 strobe
6	Macro	0->5 off - 6->255 rainbow	0->1,9 off - 2->100 rainbow
7	Dimmer	0->255	0->100
8	CTO	0->5 off - 6->255 cto>ctb	0->1,9 off - 2->100 cto>ctb

Setup 5c RGBWD

Channel	Function	DMX	%
1	Red	0->255	0->100
2	Green	0->255	0->100
3	Blue	0->255	0->100
4	White	0->255	0->100
5	Dimmer	0->255	0->100

Setup 4c
HSVS

Channel	Function	DMX	%
1	Colour	0->255	0->100
2	Saturation	0->255	0->100
3	Dimmer	0->255	0->100
4	Strobe	0->5 off - 6->255 strobe	0->1,9 off - 2->100 strobe

Setup 5c HSVW

Channel	Function	DMX	%
1	Color	0->255	0->100
2	Saturation	0->255	0->100
3	Dimmer	0->255	0->100
4	Strobe	0->5 off - 6->255	0->1,9 off - 2->100

		strobe	strobe
5	White saturation	0->255	0->100

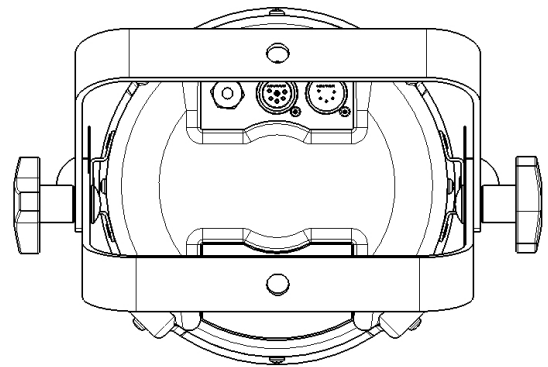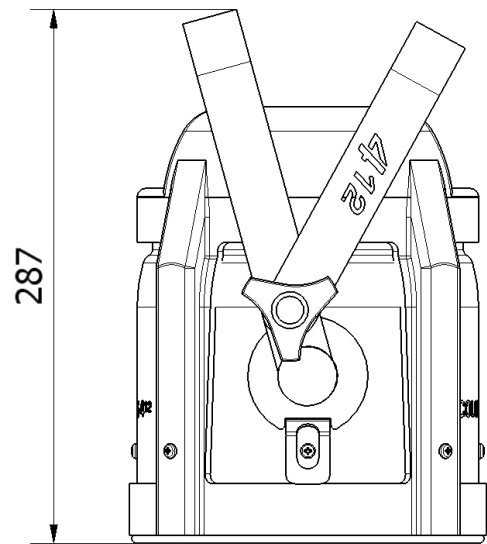| Setup 14 c 16B			
Channel	**Function**	**DMX**	**%**
1	Red	0->255	0->100
2	Red 16B	0->255	0->100
3	Green	0->255	0->100
4	Green 16B	0->255	0->100
5	Blue	0->255	0->100
6	Blu e16B	0->255	0->100
7	White	0->255	0->100
8	White 16B	0->255	0->100
9	Stobe	0->5 off - 6->255 strobe	0->1,9 off - 2->100 strobe
10	Dimmer	0->255	0->100
11	Dimmer 16B	0->255	0->100
12	Reserved	0->255	0->100
13	Frequence	0->255	0->100
14	Freq. 16B	0->255	0->100

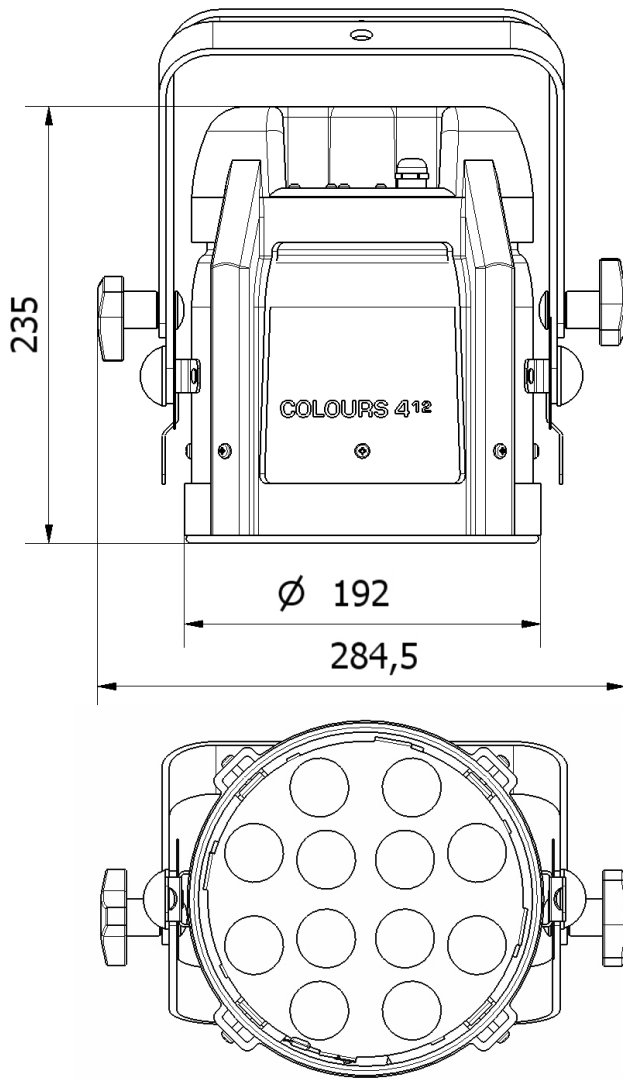*Colours* **4**08 Physical dimensions

75

67

103

170

70

243

82

24,5   50   50   50   50   50   50   50   24,5

399
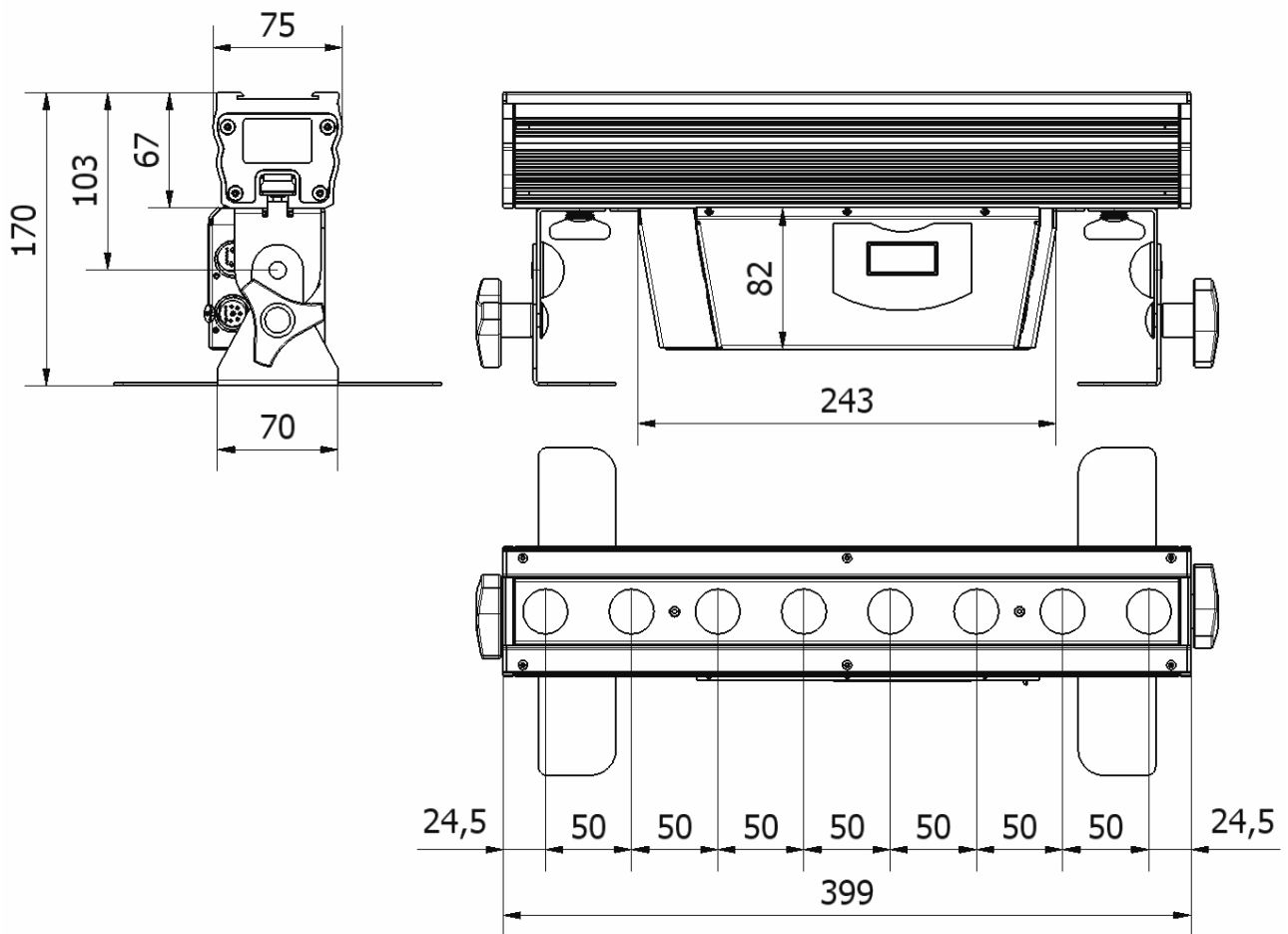
Colours **4**16 Physical dimensions
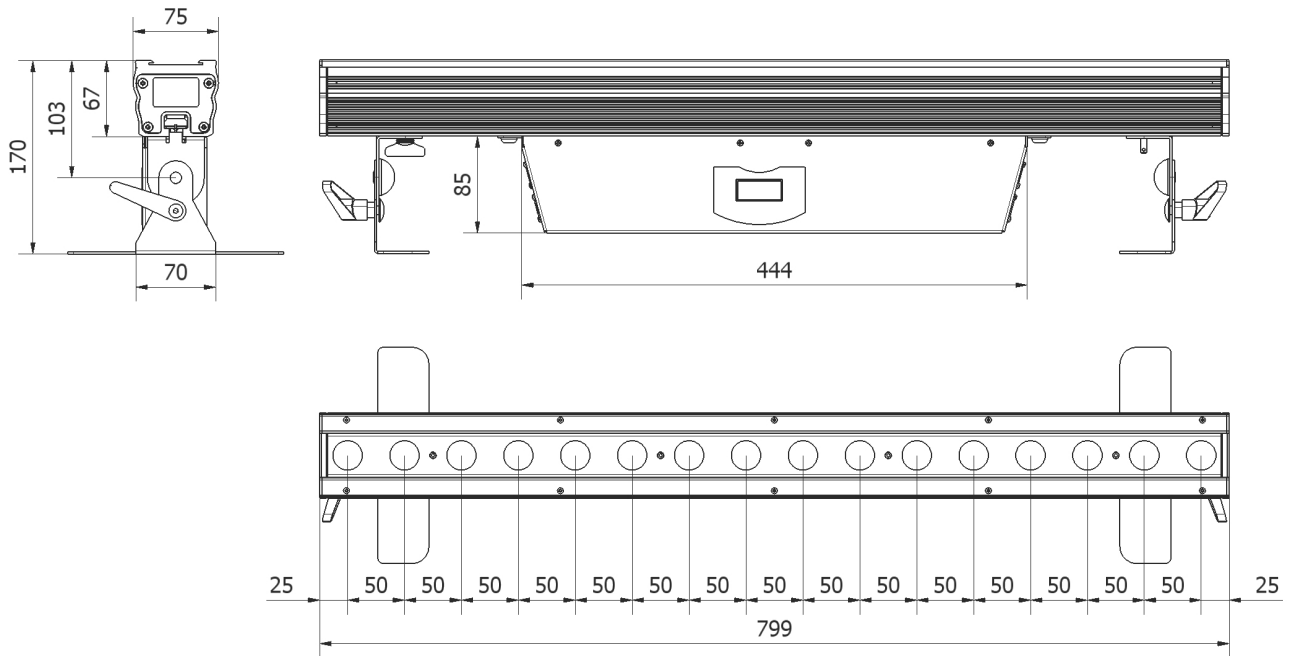
Colours **4**12 Physical dimensions

235

Ø 192

284,5

287

COLOURS 4¹²

Colours **4**24 Physical dimensions

285

Ø 263

355

347
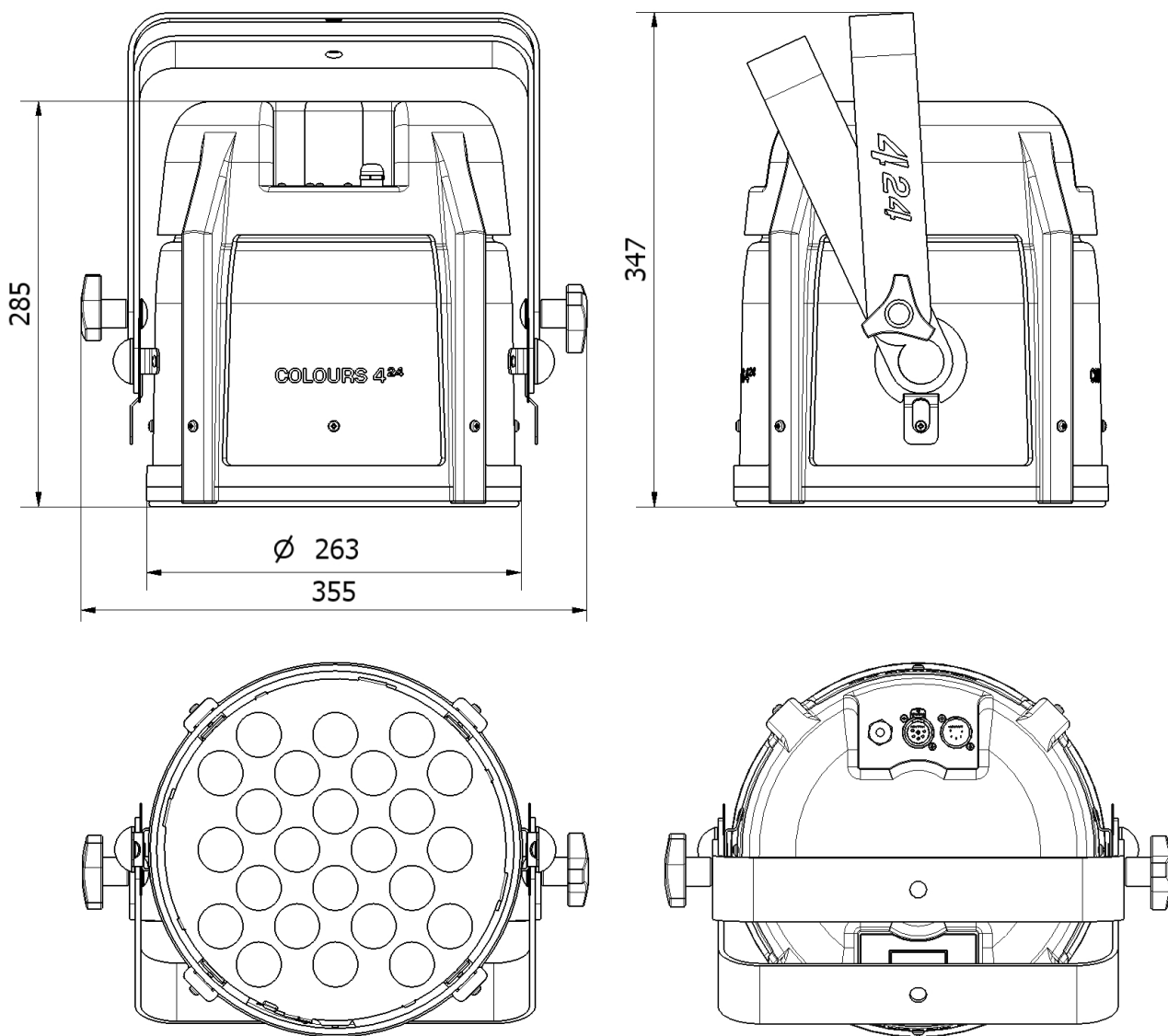
COLOURS 4²⁴

NOTE

NOTE

Technical specifications

Powered @:   90----240V ac   50-60Hz

Electrical Input: Colours *408*   0,4 A   230V
                         Colours *416*   0,7 A   230V
                         Colours *412*   0,6 A   230V
                         Colours *424*   1,1 A   230V

Protection rating: IP 22

DMX Connector: 5 Pins

Weight: Colours *408*   3,9 Kg
                         Colours *416*   7,2 Kg
                         Colours *412*   4,2 Kg
                         Colours *424*   7,4 Kg

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