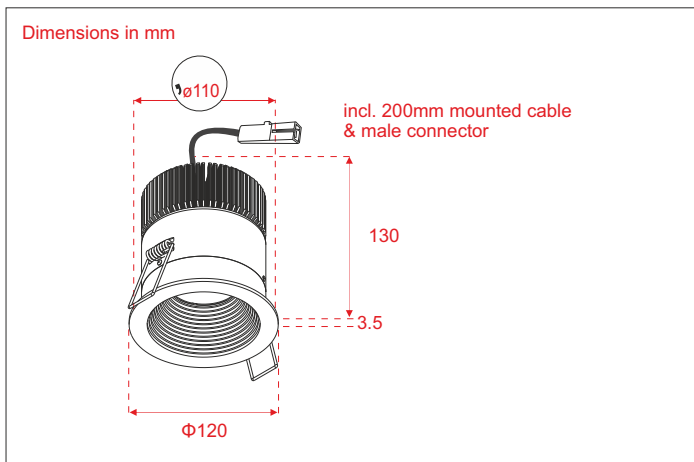
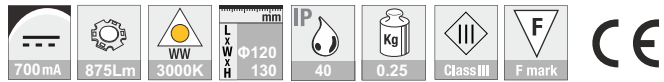








## A0139606 Frose-2R WW XL

15Watt Bridgelux COB-LED 875Lm 3000K

Lamptype: recessed down-light  
 homogeneous 30° light beam  
 CRI: 80  
 Housing: solid Aluminium white painted RAL9016  
 Weight: 0.25 Kg  
 Dimensions fixture:  $\Phi 120$  x H130 mm  
 Fixture Classification: IP20 Class III

Operating Power: Constand Current 700mA  
 Vf: 20.75  
 Fixture included:  
 • 20cm mounted cable with male connector



Height	Frose-2R WW XL (3000K) 30°	Diam.	Avg.	Nadir.E
0.5m		??m	?? Lx	??? Lx
1.0m		??m	?? Lx	?? Lx
1.5m		??m	?? Lx	?? Lx
2.0m		??m	? Lx	?? Lx
2.5m		??m	? Lx	??Lx
3.0m		??m	? Lx	? Lx

**A Non-Dimmable**, using the LED Constant current Driver 700mA 25W (ordernr: **A9950024**)

Housing: White ABS  
Weight: 0.15Kg  
Dimensions in mm: 124.5 x 79 x 22

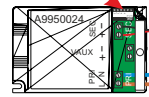
**Constant current must be set to 700mA**  
**Set microswitches 6 + 5 to "ON"**

@230VAC 700mA 50W / Vf: 2-70  
@110VAC 700mA 40W / Vf: 2-57



L 110-240V AC  
N

Dipswitch for selection output currency  
Set to 700mA: Switch 5 & 6 to "ON"



A9920589 serial connection cable 1x male 2x female

A9920589 serial connection cable 1x male 2x female

**Attention!!**  
Load min. 1 Frose-2R WW XL Fixture to this driver  
@230VAC: Load max. 3 Frose-2R WW XL Fixtures serial connected to this driver  
@110VAC: Load max. 2 Frose-2R WW XL Fixtures serial connected to this driver

**B Non-Dimmable**, using the LED Constant current Driver 700mA 18W (ordernr: **A9950700**)

Housing: Blue ABS  
Weight: 0.1 Kg  
Dimensions in mm: 113 x 44 x 37.5  
Primair: 220-240V AC / 0.11A  
Sec: constant current 700mA  
Forward Voltage: 6-26V  
Working Temperature: -20° ~ +50°C  
Tc = 90°C  
Classification: IP-20 Class II



L  
N 230VAC

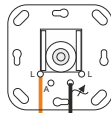
**Attention!!**  
Load min. 1 Frose-2R WW XL Fixture to this driver  
Load max. 1 Frose-2R WW XL Fixture to this driver

**C Dimmable by trailing/leading edge dimmer**, using the LED Constant current Driver 700mA 18W (ordernr: **A9950700**)

Housing: Blue ABS  
Weight: 0.1 Kg  
Dimensions in mm: 113 x 44 x 37.5  
Primair: 220-240V AC / 0.11A  
Sec: constant current 700mA  
Forward Voltage: 6-26V  
Working Temperature: -20° ~ +50°C  
Tc = 90°C  
Classification: IP-20 Class II



Leading edge Dimmer



L  
N 230VAC

**Attention!!**  
Load min. 1 Frose-2R WW XL Fixture to this driver  
Load max. 1 Frose-2R WW XL Fixture to this driver



**D Dimmable**, using the LED Constant current Driver 700mA 15W (ordernr: **A9950010**)

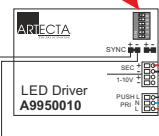
Housing: White ABS  
Weight: 0.11Kg  
Dimensions in mm: 103 x 67 x 21

**Constant current must be set to 700mA**  
**Set microswitches 6 + 5 to "ON"**

@230VAC 700mA 25W / Vf: 2-36  
@110VAC 700mA 15W / Vf: 2-28



Dipswitch for selection output currency  
Set to 700mA: Switch 5 & 6 to "ON"



L  
N 100-240V AC

**A9950017**  
Synchronise connection-cable to connect the next driver  
Max 10 drivers can be connected and controlled by one Pulse Switch



Pulse Switch:  
• Short push to turn ON and OFF  
• Push and hold to increase or decrease light intensity

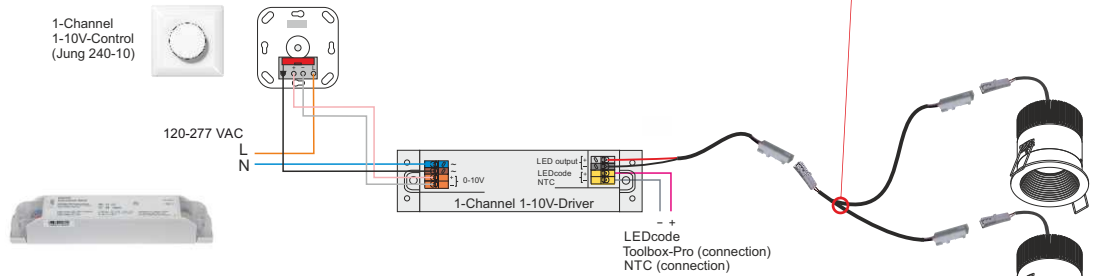
**Attention!!**  
Load min. 1 Frose-2R WW XL Fixture to this driver  
Load max. 1 Frose-2R WW XL Fixture to this driver

**E Dimmable by 1-10V, using the A9950360 LED Constant current Driver EldoLED SoloDrive-30W SL0361 A**

Housing: White ABS  
 Weight: 0.21Kg  
 Dimensions in mm: 210 x 40.4 x 33.5

LED constant current driver max. 30W  
 Primair: 120-277VAC 50/60Hz  
 Sec: 700mA 25W / Vf: 2-55

**Constant Current output is standart set to 350mA**  
**For 700mA setting, the toolbox A9915056 is required**



**Attention!!**  
 Load min. 1 Frose-2R WW XL Fixture to this driver  
 Load max. 2 Frose-2R WW XL Fixtures serial connected to this driver

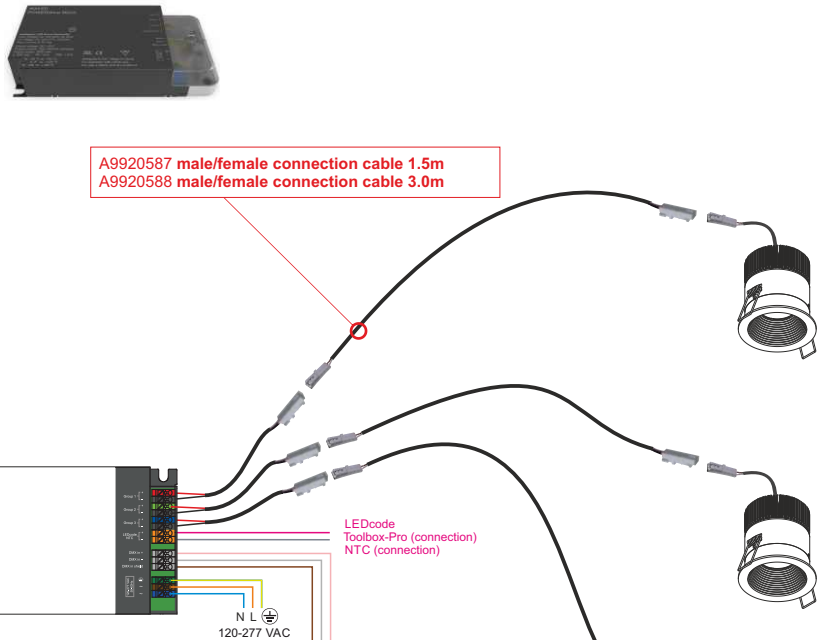
**F Dimmable by DMX-512, using the A9950044 3-channel EldoLED PowerDrive-50W (PWR0562 A1)**

- 3 separately Dimmable LED outputs
- DMX/RDM compatible
- controllable by 3 DMX-Adresses

**The constant current output is standart set to 350mA**  
**and must be set to 700mA by using the Toolbox Pro A9915056**  
**Also for other settings, the Toolbox Pro is required**

Universal Voltage: 120-277VAC 50/60Hz  
 Vf: min. 2V, each output  
 Vf: max. 55V, each output

Dimensions in mm LxWxH: 152.5 x 76 x 30.1  
 Weight: 0.372 Kg



**A9920587 male/female connection cable 1.5m**  
**A9920588 male/female connection cable 3.0m**

LEDcode  
 Toolbox-Pro (connection)  
 NTC (connection)

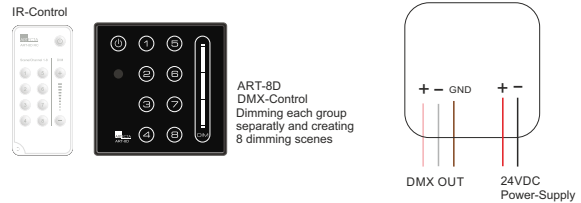
DMX-Control

**Advised compatible DMX Dimmable controller:**

**A9915050 Dimwheel**



**A9915062(63) ART-8D**



or any DMX-controll Panel

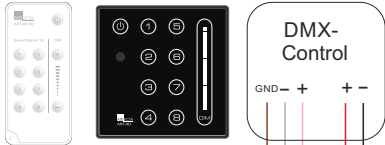
**Attention!!**  
 Load min. 1 Frose-2R WW XL Fixture to this driver  
 Load max. 1 Frose-2R WW XL Fixtures to one output of this driver  
 Total Load max. 3 Frose-2R WW XL Fixtures to this driver

**G Dimmable** by using the **A9950045 100W EldoLED** Constant current Driver  
Stand-alone controlled or by DMX, DALI or 0-10V

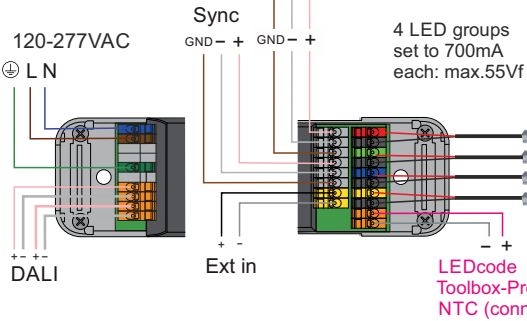


**A9950045 EldoLED PowerDrive-100W (PWR16 A1)**  
4 separately Dimmable LED outputs  
controllable by 4 DMX- or DALI Adresses or 1-10V  
**The constant current output is standart set to 350mA**  
**and must be set to 700mA**  
All settings, can be changed by 3 MODE-buttons (M - +) below the LCD

ART-8D  
DMX-Control  
Dimming each group  
separatly and creating  
8 dimming scenes  
incl. IR-control



24VDC  
Power-Supply



Universal Voltage: 100V~240V 50/60Hz  
Programmable Output: 4x 200mA-1050mA  
min/max forward Voltage: 4x 2-57VDC  
Dimensions L x W x H (mm): 388 x 42 x 30  
Weight: 0.705 Kg

The PowerDrive-100 can be set to different control-modes;

- 1 DMX-Channel: Fader-1 controls all 4 LEDs
- 2 DMX-Channels: Fader-1 controls LED 1&2  
Fader-2 controls LED 2&3
- 4 DMX-Channels: Fader-1 controls LED-1,  
Fader-2 controls LED-2,  
Fader-3 controls LED-3  
Fader-4 controls LED-4

Worldwide Certifications:

- CE,
- IEC 61347, IEC 62384, EN 55015,  
EN 55022, IEC 61000-3-2, IEC 61547
- UL: pending

A9920589 serial connection cable 1x male 2x female

A9920587 male/female connection cable 1.5m  
A9920588 male/female connection cable 3.0m

A9920589 serial connection cable 1x male 2x female

**Attention!!**

Load min. 1 Frose-2R WW XL Fixtures connected to this driver  
Load max. 2 Frose-2R WW XL Fixtures serial connected to one output of this driver  
Total Load max. 6 Frose-2R WW XL Fixtures to this driver

**A9950048 EldoLED PowerDrive-600W PW6060R**

**LED constant current driver max.600W**

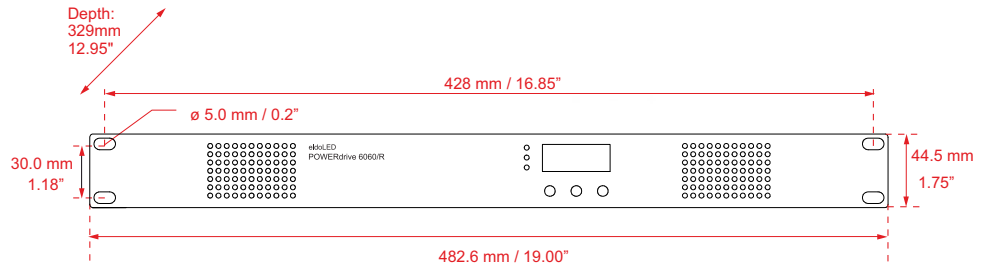
- Dimmable by 0-10V,
- Dimmable by DALI (4x DALI group)
- Dimmable by DMX & RDM (32x DMX channel)

- Stand-alone with 9 default shows, up to 20 user-defined shows, uploadable with TOOLbox and TOOLbox software

**Constant Current output is standart set to 350mA**  
**Connecting the Fortaleza fixture, it must be set to 700mA**

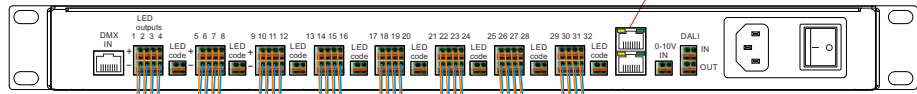
Universal input Voltage: 120V~277V 50/60Hz  
 Led outputs: 32x 200mA-1050mA  
 Power factor: > 0.9  
 min/max forward Voltage: 32x 2-48VDC

- Full dimming control: 100% to 0%,  
 Choice of linear or logarithmic dimming curve  
 Maximum (rated) power available over wide LED-voltage (30-55V) range  
 NTC interface per 4 LED-outputs for robust thermal management  
 Dimensions L x W x H (mm):482.6(19")x324x44.5(1HE)  
 Weight: 6.1 Kg  
 Worldwide Certifications:  
 • CE,  
 • IEC 61347, IEC 62384, EN 55015,  
 EN 55022, IEC 61000-3-2, IEC 61547  
 • UL: pending



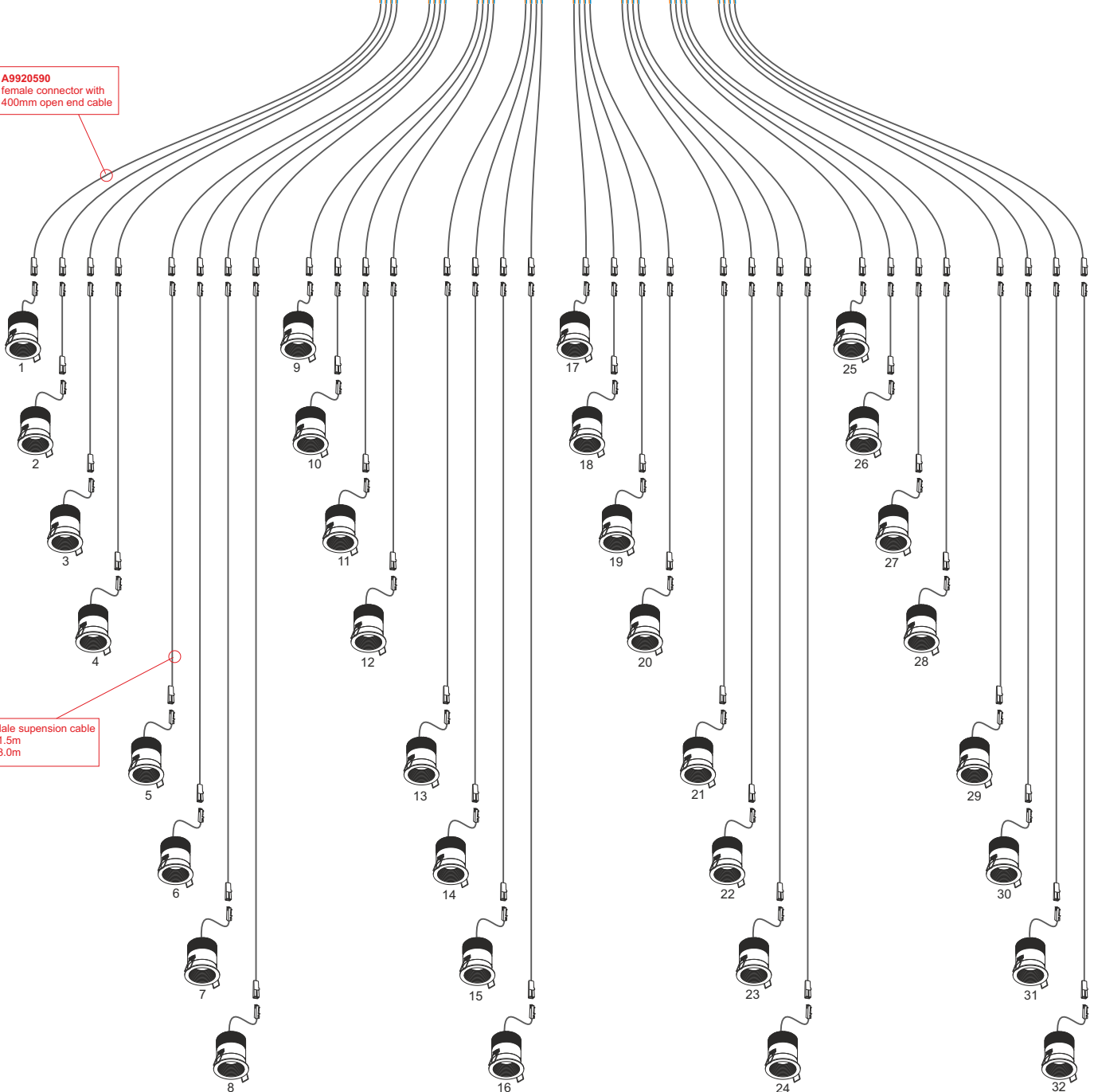
**DMXRDM DALI 0-10V**  
**CE LEDcode SHOWmaster**

DMX 2x RJ-45 (CAD-5)  
 orange/white = DMX+  
 orange = DMX-  
 Brown/white = GND (shield)



**A9920590**  
 female connector with  
 400mm open end cable

Female to Male suspension cable  
**A9920587**: 1.5m  
**A9920588**: 3.0m



The Driver has 32 outputchannels. Load max. 1x Frose-2R WW XL fixtures, serial connected, to one output-channel and total max. 32 Frose-2R WW XL fixtures to one driver.  
 To avoid damages to the LED, all cables & plugs must be connected before switching on the power !