CUVÉE
S Y S T E M S

CCT Tunable Driver
2 Channels (42W), Universal Voltage with 0/1 – 10V Dimming
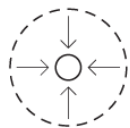
CCT TUNABLE	COMPACT SIZE	DEEP DIMMING	FLICKER FREE	GLOSTART™	IP RATING	5 YEAR WARRANTY

Input Characteristics

Input Voltage Range	100 – 277 VAC
Absolute Input Voltage	90 – 305 VAC
Max. Input Current	0.4A @ 120V
Input Frequency	50/60Hz
Power Factor @ Full Load	>0.9
Efficiency	>87%
THD @ Full Load	<20%
Inrush Current	<10A
Standby Power	<0.5W

Output Characteristics

Output Power	42W
Output Current	150 – 1050mA
Output Current Tolerance	±3%
Output Voltage Range	12 – 40 VDC
Percent Flicker	5%

Dimming Characteristics

Control Channels	2
Dimming Protocol	0/1 – 10V
Dimming Range	1% - 100%

Environment / Warranty

Operating Temp. Range	-10 to 45 °C
Max. Ambient Temp.	45 °C (Ta max)
Max. Case Temp.	85 °C (Tc max)
Lifetime @ Tc max	50,000 hours
Driver Warranty	5 years
Combined Warranty (When combined with compatible Luminus COB + Cuvee LED Driver, contact Luminus for more information)	5 years

Product Offering

Part number: DMR-AOD038/2-PC1K1-42
DMR-AOD038/2-PC1K1-42-BF

Universal Input (100-277VAC)

Deep Dimming & Flicker-Free

Metal housing with side-feed and back-feed options for direct mount to junction box

116.9 x 62.5 x 27 mm
(side-feed version)

Compatible with popular LED Light Source:
- Luminus Tunable White Dual Channel COBs
  - CTM- 9 / 14 / 18 / 22
- Opulent Linear Module
  - CSB1-72G02-6527-90-00
- Inquire about compatibility with other LEDs
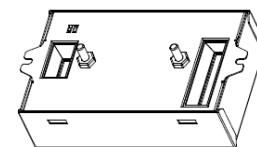
119.9 x 65.2 x 28.2 mm
(Back-feed version)

Mechanical Details

Housing Design	Rectangular Metal Case
Wire Terminals Connections	Side or Bottom Feed
Poke-in Connector (Primary / Secondary) (Recommended Wire Diameter)	Ø 0.5 – 1.0 mm (24-18 gauge) solid wire or tinned stranded

Certification and Testing

EN 55015:2013+A1:2015
EN 61547:2009
EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61347-1:2015
EN 61347-2-13:2014+A1
UL 8750

c UL us LISTED Class P   FC CE IP20 SELv

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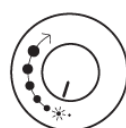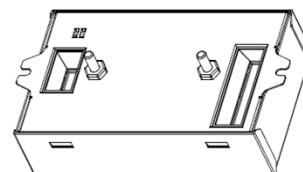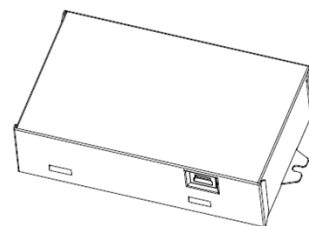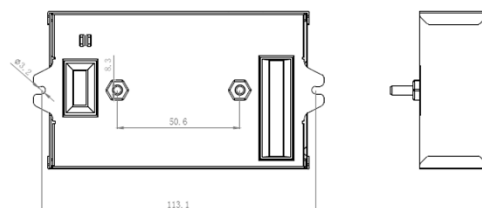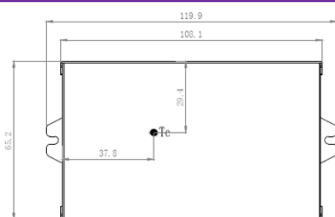**DMR-AOD038/2-PC1K1-42**
(Side Feed Version)
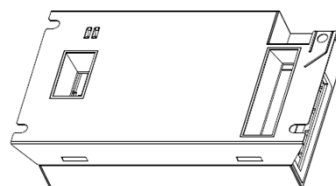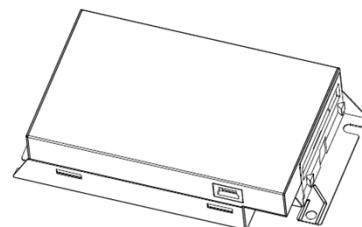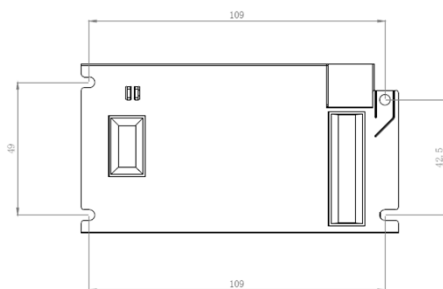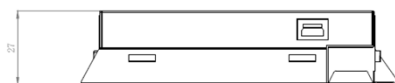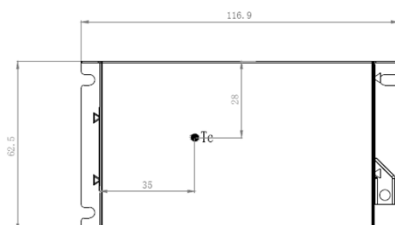
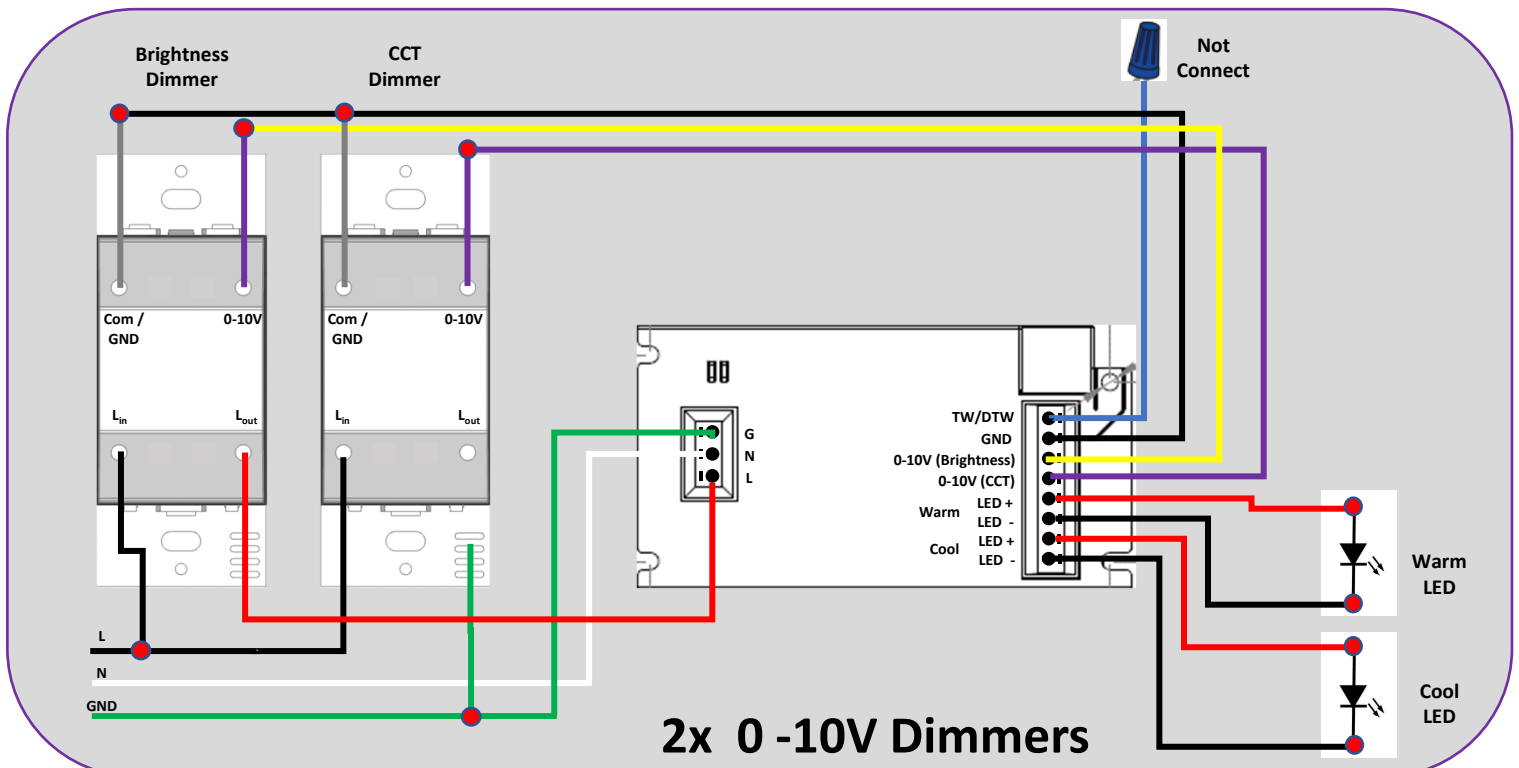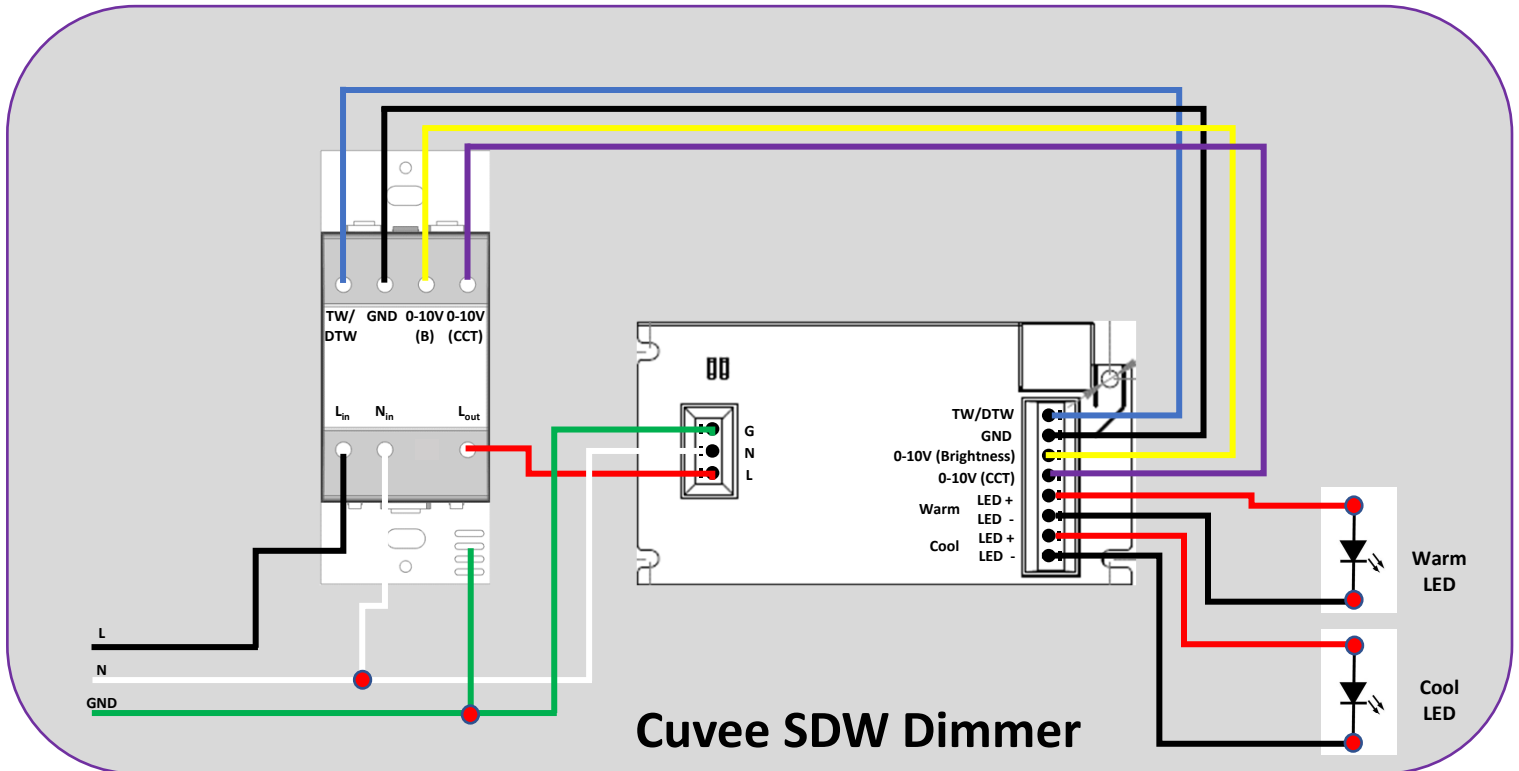**DMR-AOD038/2-PC1K1-42-BF**
(Back Feed Version)

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Cuvee SDW Dimmer

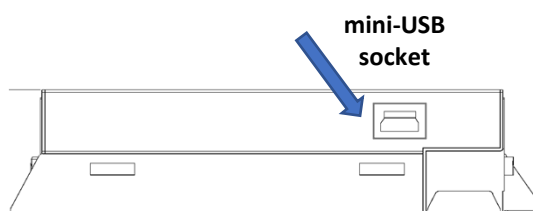**2x 0 -10V Dimmers**

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Programming cable

Programming Cable:

Part Number: DMR-PROG-USB

mini-USB
socket

Programming Parameters

The DMR series can be programmed by inserting the mini-USB plug into the driver and by plugging the USB other end of the cable into a computer. The driver does not need to be powered on during the programming process.

When ordering the DEMR series, please make sure you order a programming cable. The part number for the programming cable is "DMR-PROG-USB".

Programming is done by using the Cuvee PROG software, which enables the user to adjust output current from 150mA to 1050mA.
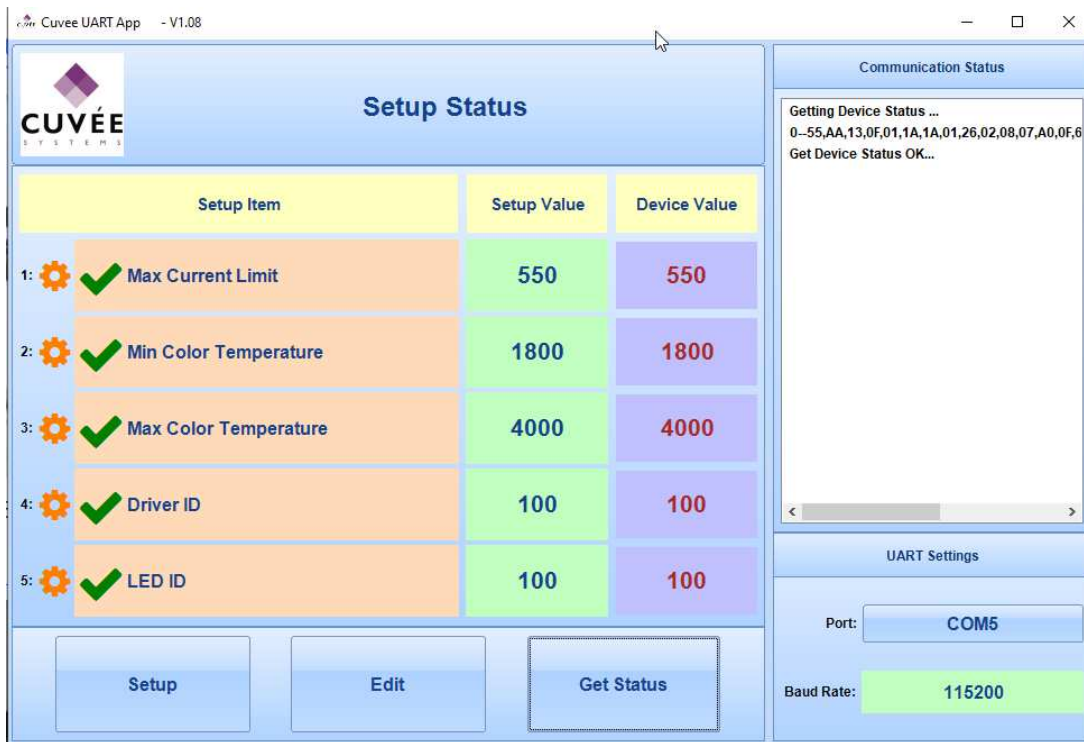
Furthermore, when programming the driver with a computer using the programming cable, you can access the driver's internal data and read / program the following:

Max_Cur	Pre-set driver max total output current • Min = 150mA Max = 1050mA • Step size = 2mA (450 steps)
Driver_ID	Record and report driver ID, allow BLE apps to track the driver type and identification
COB_ID	Record and report DMR driver connected LED (allow BLE apps to configure and control the LED correctly)
CCT_Min / CCT_Max	Record and report DMR driver connected LED COB CCT range (e.g. 4000K – 1800K, 6500K – 2700K)

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Programming Software