

CCT Tunable Driver

2 Channels (42W), Universal Voltage with 0/1 – 10V Dimming



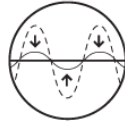
CCT TUNABLE



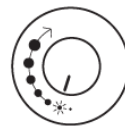
COMPACT SIZE



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.	40 °C (Ta max)
Max. Case Temp.	85 °C (Tc max)
Lifetime @ Tc max	50,000 hours
Driver Warranty	5 years
Combined Warranty	5 years
(When combined with compatible Luminus COB + Cuvee LED Driver, contact Luminus for more information)	

Product Offering

Part number: DMR-AOD042/2-PC1K1-40
DMR-AOD042/2-PC1K1-40-BF

Universal Input (100-277VAC)

Deep Dimming & Flicker-Free

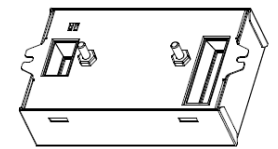
Metal housing with side-feed and back-feed options for direct mount to junction box

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



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



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)	∅ 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

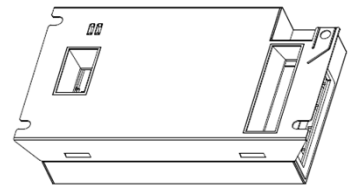
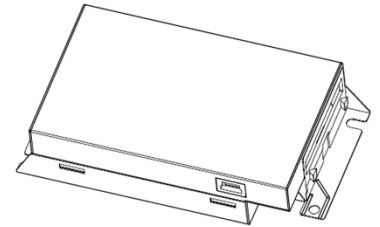
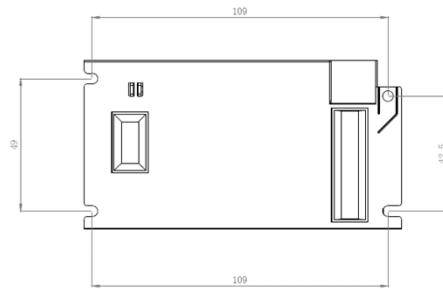
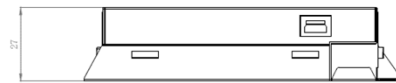
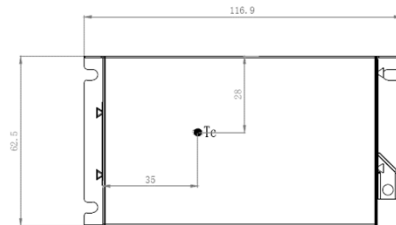
UL 8750



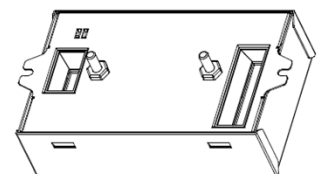
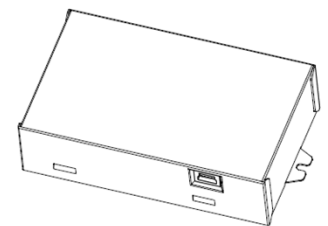
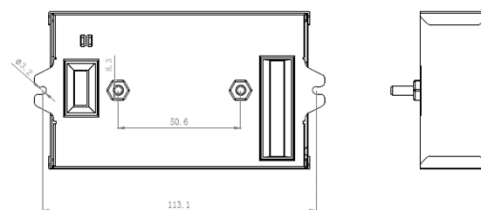
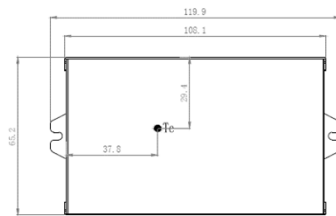
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DMR-AOD042/2-PC1K1-40
(Side Feed Version)



DMR-AOD042/2-PC1K1-40-BF
(Back Feed Version)



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