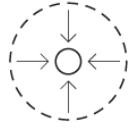


CCT Tunable Driver

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



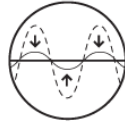
CCT TUNABLE



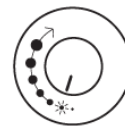
COMPACT SIZE



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 Current Frequency (over dimming range) | 420Hz |
| 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 (When combined with compatible Luminus COB + Cuvee LED Driver, contact Luminus for more information) | 5 years |

Product Offering

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

Universal Input (100-277VAC)

Deep Dimming & Flicker-Free

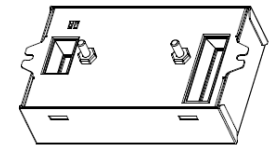
Metal housing with side-feed and back-feed options for direct mount to junction box

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

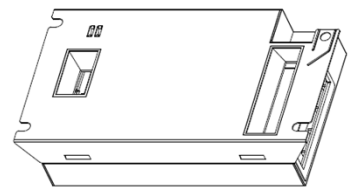
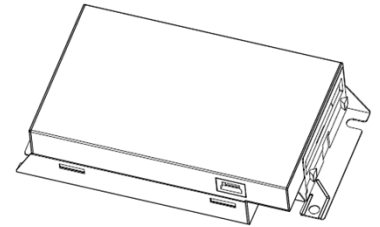
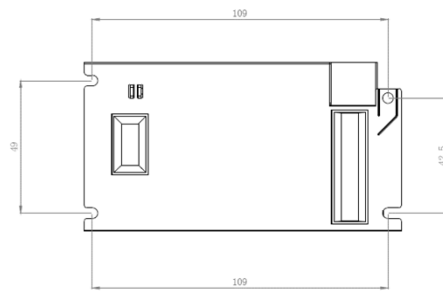
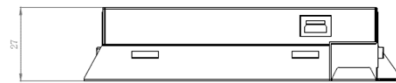
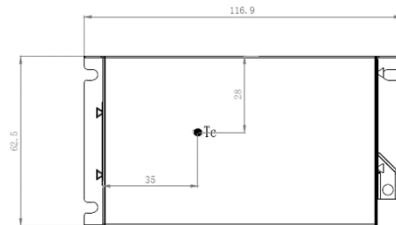
UL 8750



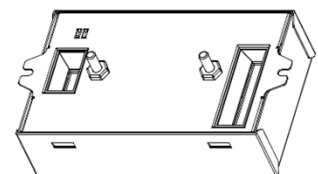
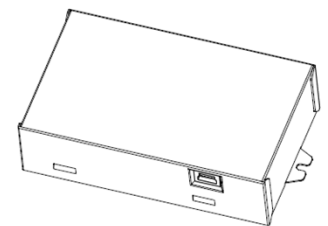
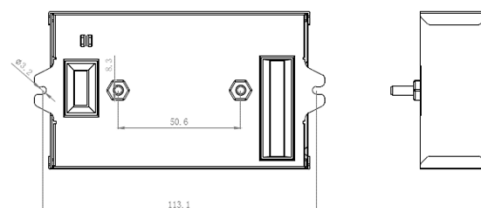
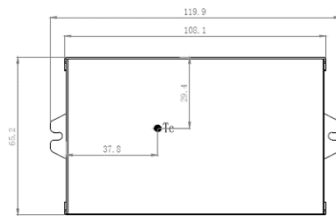
CCT Tunable Driver

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

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



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



CCT Tunable Driver

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

