

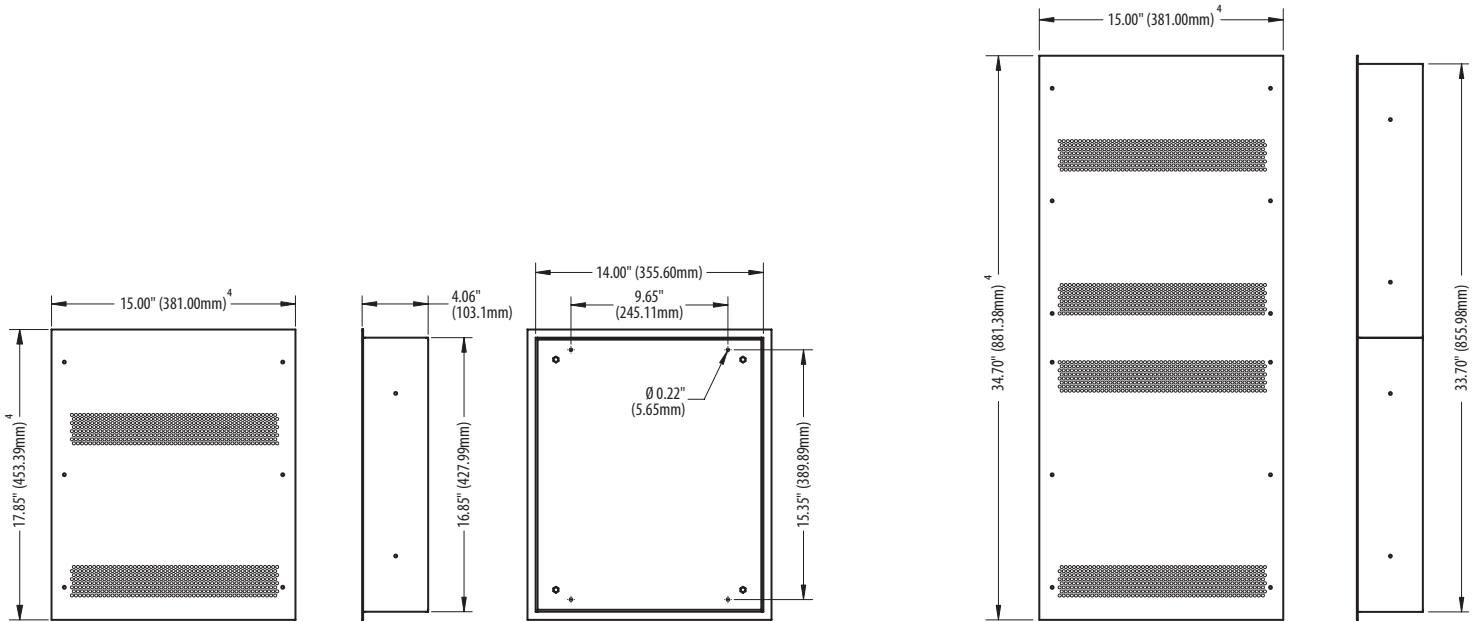


## ESSENTIALLEDs MINI DRIVER POWER PANEL-CONSTANT VOLTAGE

Driver Models	
Model A	Magnitude E-Series
Model B	Magnitude SoliDrive
Model C	VLT Hybrid Electronic Low-Voltage (HELD)
Input Characteristics	
Input Voltage AC	A: 120V, B: 120-277V, C1: 90-130V, C2: 200-277V
Input Current	A: 1A, B: 0.96A, C1: 0.88A, C2: 0.44A
Input Frequency	A: 60Hz, B: 50-60Hz, C1: 60Hz, C2: 50Hz
Efficiency @ Full Load	A: >90%, B: >87%, C1 & C2: 80-85%
Power Factor @ Full Load	A: 0.95, B: >0.95, C1 & C2: TBD
THD@ full load	<20%
Inrush Current	A: TBD, B: 5A @ 120V 30A @ 277V, C1 & C2: <1A
Output Characteristics	
LED Output Power	96W max each driver; (864w total max)
LED Output Voltage	24V DC
LED Output Current Tolerance	>3%
LED Outputs	9 max ( UL Class 2)
Control Characteristics	
Control Channels	3, 4, 7 or 9
Dimming Protocol	Phase Control/ 0-10V
Dimming Range	100% -1%
Dimming Curve	Linear
Standards and Certifications	
EN	61347-1/-2-13, 55015, 55022, 61000-3-2, 61547
UL	 UL 2108 (Class 2 Output)
RoHS	 RoHS2
Wiring Specifications	
Wire Type Input/Output	AWG 24 Min - AWG 8 Max, 0.2 - 10.0mm; Solid or Stranded Copper
Wire Type Control Signal	AWG 26 Min - AWG 12 Max, 0.14 - 2.5mm; Solid or Stranded Copper
Warranty	
Warranty Period	3 years
Dimensions and Weight	
Recessed Dimensions	Single: 15.00" x 17.85" x 4.06" Double: 15.00" x 34.70" x 4.06"
Surface Mount Dimensions	Single: 14.00" x 16.85" x 4.06" Double: 14.00" x 33.70" x 4.06"
Cabinet Weight	Single: 18.0 lbs Double: 37.6 lbs
Mounting	(4x) 1/4 -20 Lag Bolts, 0 clearance top to bottom, 2.5" [63.5mm] between panels

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<sup>4</sup> Subtract 1" (25.4mm) from this dimension for surface mount version

Single Configuration

Double Configuration

LMPP - CV - 24 - LN - UL

Mounting

R	Recessed
S	Surface Mount

No. of Outputs

3	3 <sup>3</sup>
4	4 <sup>3</sup>
7	7 <sup>4</sup>
9	9 <sup>4</sup>

<sup>3</sup> Single Configuration  
<sup>4</sup> Double Configuration

Control Signal

PH	Phase <sup>5</sup>
010	0-10V <sup>6</sup>

<sup>5</sup> Only Available in Models A, C1, C2  
<sup>6</sup> Only Available in Model B

Finish

WH	White
BL	Black

Model

A	E-Series 96W, 120V/60Hz <sup>1</sup>
B	SoliDrive 96W, 120-277V/50-60Hz <sup>2</sup>
C1	HELD 96W, 90-130V/60Hz <sup>2</sup>
C2	HELD 96W, 200-277V/50-60Hz <sup>2</sup>

<sup>1</sup> Available in 4 or 9 Outputs Only  
<sup>2</sup> Available in 3 or 7 Outputs Only

Output Voltage

24	24V DC
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Dimming Curve

LN	Linear
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Ratings

UL	UL Listed  US
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