ELECTRICAL SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Output Power</th>
<th>Input Power</th>
<th>Input Current</th>
<th>Min PF (full load)</th>
<th>Max THD (full load)</th>
<th>Output Voltage</th>
<th>Output Current</th>
<th>T case Max</th>
<th>Min. Starting Temp*</th>
<th>Efficiency Up To</th>
<th>Dimming Protocol</th>
<th>Dimming Range</th>
<th>IP Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 to 40W</td>
<td>47W</td>
<td>0.4A @ 120V, 0.18A @ 277V</td>
<td>&gt;0.90</td>
<td>&lt;20%</td>
<td>15 to 55V</td>
<td>400 to 1400mA</td>
<td>90°C</td>
<td>-40°C</td>
<td>85%</td>
<td>0 to 10V</td>
<td>1 to 100%</td>
<td></td>
</tr>
</tbody>
</table>

** This driver can operate down to -40°C in a non-dimming condition. Below 0°C some flicker may be observed.

PHYSICAL:

Bottom Mount Model No: AC-40CD1.4APBK

Dimensions | Length | Width | Height | Mounting
--- | --- | --- | --- | ---
AC-40CD1.4APMZ | 6.22" | 1.73" | 1.22" | 5.86"
AC-40CD1.4APBK | 4.56" | 2.48" | 1.18" | | | | | |
AC-40CD1.4APSC | 12.8" | 1.34" | 1.06" | 12.5"

** Tref Max Value (°C) | Tc/Tref Value (°C) | Ta/Value (°C)
--- | --- | ---
90 | 58.2 | 40

SAFETY:

• UL and cUL Recognized
• UL Outdoor Type I
• Class A sound rating
• Overload Protection
• Open/Short Circuit Protection
• LED driver has a life expectancy of 50,000 hours at Tcase of ≤75°C
• LED driver has a life expectancy of 100,000 hours at Tcase of ≤65°C
• Warranty: 5 yrs based on max case temp of <75°C; 3 yrs based on max case temp of 90°C*
• Input/Output Isolation
• FCC Title 47 CFR Part 15
• Surge Protection (3 KV)
• Surge Protection (1KV)*
• Dim-To-Off Programming Option
  o Active: Code = 78 05 01 01
  o Inactive: Code = 78 05 00 01

INSTALLATION:

• Max Remote installation distance is 18 ft
• LED drivers shall be installed inside electrical enclosures
• 18 AWG 600V/105C tinned stranded copper lead-wires are required for installation

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Phone Instructions

First you must have a Android device (phone/tablet) with NFC-V app downloaded.
Open App; then place the device on top of the driver matching up sensors untile it syncs up
Basic format
Write
Insert the appropriate code from chart above
Write
Successfully written will appear
Use with NFC Reader App Available Free at Google App Store

IOUT/VOUT CURVE

Performance Characteristics

Life Time v.s. Case Temperature Curve

Case Temperature Curve (°C)

Derating Curve 120Vac & 277Vac

Outside Driver Ambient Temperature (°C)

Load (%)
Performance Characteristics

Efficiency v.s. Load

Power Factor v.s. Load

Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.
Performance Characteristics

Output Current v.s. Dimming

Output Current v.s. Resistance

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