Constant Current LED Driver

Model Number
AC-T30CD700BKB

Input Voltage: 347V
Input Frequency: 50/60Hz
Side Leads

ELECTRICAL SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Output Power Max</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>
</tr>
</thead>
<tbody>
<tr>
<td>30W</td>
<td>105W</td>
<td>0.31A @ 347V</td>
<td>&gt;0.9</td>
<td>&lt;20%</td>
<td>25-42V</td>
<td>700mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>86%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
</tbody>
</table>

WIRING:

![Wiring Diagram]

PHYSICAL:

![Dimensions Diagram]

Dimensions

Length 9.5"
Width 2.4"
Height 1.46"
Mounting Length 8.9"

SAFETY:

• UL and cUL certified
• UL1310 Class 2
• UL Outdoor Type 1
• Class A sound rating
• Overload Protection
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• UL Outdoor Type 1
• 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)

INSTALLATION:

• IP 66 Harsh Weatherproof
• Max Remote installation distance is 18 ft
• LED driver cases should be grounded
• LED drivers shall be installed inside electrical enclosures
• 18 AWG 600V/105°C tinned stranded copper lead-wires are required for installation
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*AC Electronics/AC LED Power Designs warrants to the purchaser that each LED Driver will be free from defects in material or workmanship for a period of 5 years when operated at max case temp of up to ≤75°C; 3 years from date of manufacture when operated at a max case temp of up to 90°C when properly installed and under normal conditions of use. See aceleds.com for complete warranty policy.