

XAC (PHASE) PROGRAMMABLE

CASE: XAC METAL

GENERAL INFORMATION

| | |
|---------------------------------|--|
| LED Drive Type | Programmable Constant Current, Class 2 |
| Input Voltage | 120-277 (+/-10%) |
| Input Frequency | 50/60Hz |
| Programming Method | I-LOC Keys |
| Dimming Control | Phase Dimming @ 120V |
| Dimming Range | Dims to Off |
| Power Factor @ Full Load | >0.95% |
| Efficiency @ Full Load | >80% |
| LED Power Up Time | <500ms |
| Load Regulation | <3% |
| Line Regulation (Max Load) | <3% |
| Output Over Voltage Protection | Yes, Auto Recovery |
| Output Overload Protection | Yes, Auto Recovery |
| Output Short-Circuit Protection | Yes |
| Over Temperature Protection | Yes |
| EMI Compliance | FCC Part 15 Class B |



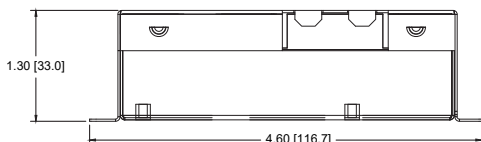
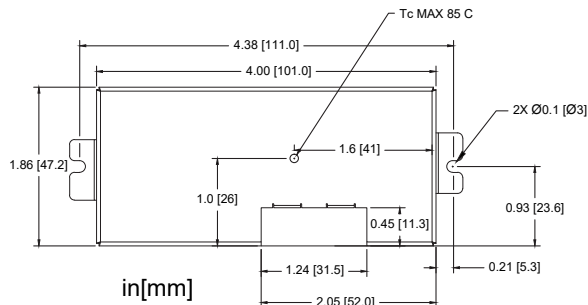
ENVIRONMENTAL SPECIFICATIONS

| | |
|---------------------------|-------------------------------------|
| Minimum Operating Temp. | -30°C |
| Maximum Case Temp. † | 85°C |
| Maximum Storage Temp. | 70°C |
| Maximum Relative Humidity | 85% non-condensing |
| Transient Protection | NEMA SSL1-2010 Non-Roadway 2.5kV |
| UL Environment Rating | Dry & Damp |
| Sound Rating | Class A |

†80°C Maximum Case Temperature for Warranty Purposes

ELECTRICAL SPECIFICATIONS

| Max. Power (W) | Output Voltage (VDC) | Output Current (mA) | THD @ Full Load (120/277V) | Input Current (A) (120/277V) | Part Number |
|----------------|----------------------|---------------------|----------------------------|------------------------------|-------------------|
| 16W | 20-46V | 175-350mA | <10%/<15% | 0.16/0.07 | XAC16-0350P-UNV-I |
| 32W | 20-46V | 350-700mA | <10%/<20% | 0.32/0.14 | XAC32-0700P-UNV-I |
| 34W | 14-32V | 525-1050mA | <10%/<20% | 0.35/0.15 | XAC34-1050P-UNV-I |



Always confirm fit with a physical sample.
Specifications subject to change without notice.

Wiring Information

| | |
|---------|---|
| Input: | 6" # 18AWG Black (L), White (N), Green (G) |
| Output: | 6" # 22AWG Red (+), Black/White (-) |

Packaging Information

| | |
|-----------|--------------|
| Weight: | 0.57 lbs |
| Quantity: | 50 pc/carton |



For an I-LOC Demo visit:
<http://www.hatchlighting.com/about-i-loc/>

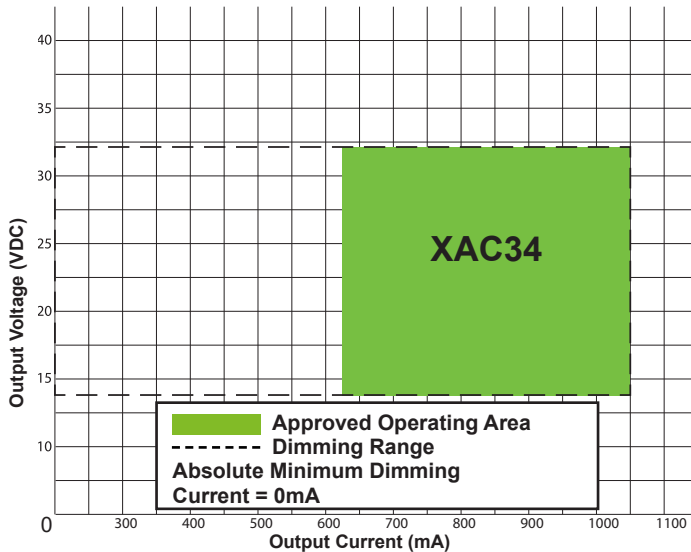
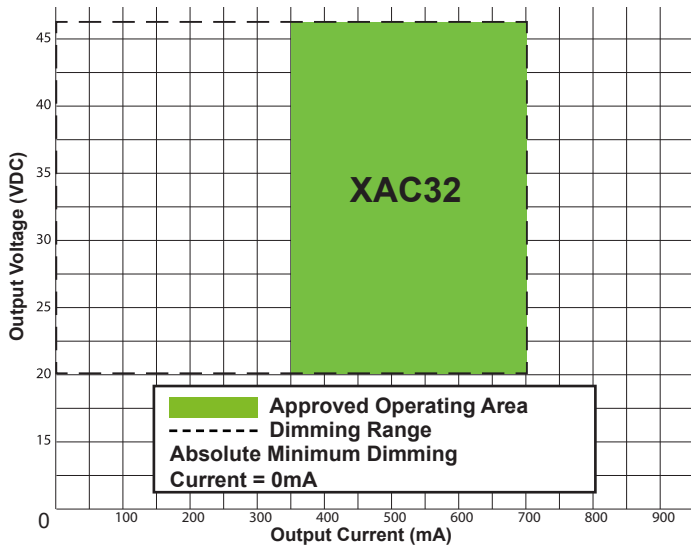
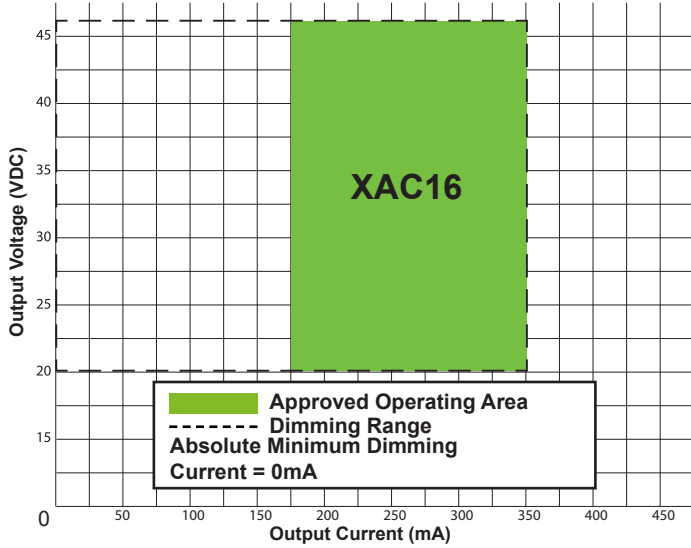
Hatch I-LOC Technology enables quick and easy setting of driver output current with the simple click of a key. Select the appropriate I-LOC key for the desired output current and click it into the driver.

The keys are **Interchangeable** across the Hatch I-LOC LED Driver product family and have a 50% to maximum output range. The 0.28 to 0.48 keys are designed exclusively for the Linear I-LOC family.

| MODEL | | XAC-16-0350P-UNV-I | | | XAC-32-0700P-UNV-I | | | XAC-34-1050P-UNV-I | | |
|--------------|-------------|--------------------|-------------------|----------------|--------------------|-------------------|----------------|--------------------|-------------------|----------------|
| Drive Factor | Part Number | Max Output (mA) | Voltage Range (V) | Max Output (W) | Max Output (mA) | Voltage Range (V) | Max Output (W) | Max Output (mA) | Voltage Range (V) | Max Output (W) |
| 1.00 | XA100 | 350 | 20-46 | 16 | 700 | 20-46 | 32 | 1050 | 14-32 | 34 |
| 0.98 | XB098 | 343 | 20-46 | 16 | 686 | 20-46 | 32 | 1029 | 14-32 | 33 |
| 0.95 | XC095 | 333 | 20-46 | 16 | 665 | 20-46 | 31 | 998 | 14-32 | 32 |
| 0.93 | XD093 | 326 | 20-46 | 15 | 651 | 20-46 | 30 | 977 | 14-32 | 32 |
| 0.90 | XE090 | 315 | 20-46 | 15 | 630 | 20-46 | 29 | 945 | 14-32 | 31 |
| 0.88 | XF088 | 308 | 20-46 | 15 | 616 | 20-46 | 29 | 924 | 14-32 | 30 |
| 0.85 | XG085 | 298 | 20-46 | 14 | 595 | 20-46 | 28 | 893 | 14-32 | 29 |
| 0.83 | XH083 | 291 | 20-46 | 14 | 581 | 20-46 | 27 | 872 | 14-32 | 28 |
| 0.80 | XI080 | 280 | 20-46 | 13 | 560 | 20-46 | 26 | 840 | 14-32 | 27 |
| 0.78 | XJ078 | 273 | 20-46 | 13 | 546 | 20-46 | 26 | 819 | 14-32 | 26 |
| 0.75 | XK075 | 263 | 20-46 | 13 | 525 | 20-46 | 25 | 788 | 14-32 | 26 |
| 0.73 | XL073 | 256 | 20-46 | 12 | 511 | 20-46 | 24 | 767 | 14-32 | 25 |
| 0.70 | XM070 | 245 | 20-46 | 12 | 490 | 20-46 | 23 | 735 | 14-32 | 24 |
| 0.68 | XN068 | 238 | 20-46 | 11 | 476 | 20-46 | 22 | 714 | 14-32 | 23 |
| 0.65 | XO065 | 228 | 20-46 | 11 | 455 | 20-46 | 21 | 683 | 14-32 | 22 |
| 0.63 | XP063 | 221 | 20-46 | 11 | 441 | 20-46 | 21 | 662 | 14-32 | 22 |
| 0.60 | XQ060 | 210 | 20-46 | 10 | 420 | 20-46 | 20 | 630 | 14-32 | 21 |
| 0.58 | XR058 | 203 | 20-46 | 10 | 406 | 20-46 | 19 | 609 | 14-32 | 20 |
| 0.55 | XS055 | 193 | 20-46 | 9 | 385 | 20-46 | 18 | 578 | 14-32 | 19 |
| 0.53 | XT053 | 186 | 20-46 | 9 | 371 | 20-46 | 17 | 557 | 14-32 | 18 |
| 0.50 | XU050 | 175 | 20-46 | 8 | 350 | 20-46 | 16 | 525 | 14-32 | 17 |

Adjusted Output Current Tolerance +/- 3%

Operating Range



Dimming Range

