

ADJUSTABLE CONSTANT CURRENT LED DRIVER XTC34 (PHASE) PROGRAMMABLE SPECIFICATIONS SHEET

ELECTRICAL SPECIFICATIONS

<i>Input</i>		
Input Voltage (VAC)	120-277V (+/-10%)	
Frequency Range (Hz)	50-60Hz	
	120V	277V
Input Current (A)	0.35	0.15
THD @ Full Load	<10%	<10%
Power Factor @ Full Load	>0.95	>0.95
Efficiency @ Full Load	>80%	>80%
Inrush Current (A _{pk})	0.74	1.28
<i>Output</i>		
Output Current (mA)	525 - 1050mA	
Output Voltage (VDC)	14 - 32V	
Output Ripple Current (mA)		
Maximum Output Power (W)	34W	
LED Power Up Time	<500ms	
Load Regulation	<3%	
Line Regulation (Max Load)	<3%	
Over Voltage Protection	Yes, Auto Recovery	
Over Load Protection	Yes, Auto Recovery	
Output Short-Circuit Protection	Yes	
Over Temperature Protection	Yes	



Type TL

Specifications subject to change without notice.

GENERAL INFORMATION

Order Numbers	XTC34-1050P-UNV-I
Type	Constant Current, Class 2
Output Power	34W (Maximum)
Programming Method	I-LOC Keys

DIMMING

Dimming Control	Phase Dimming
Dimming Range	Dims to Off

ENVIRONMENTAL SPECIFICATIONS

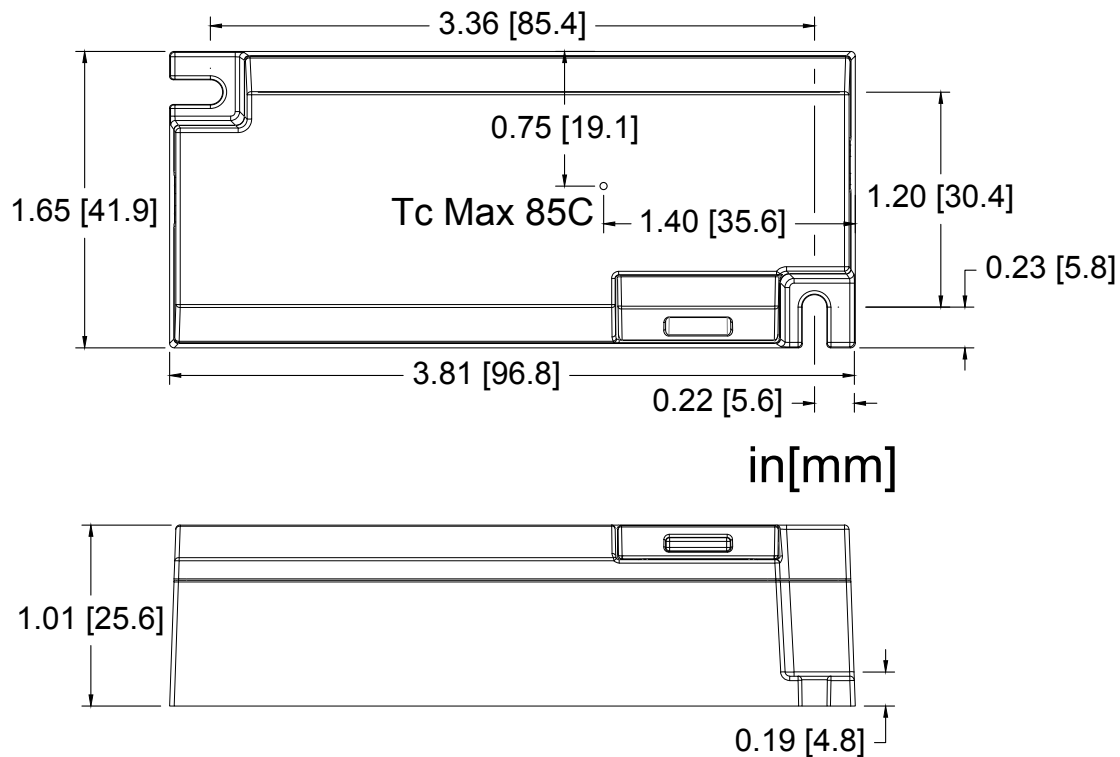
Minimum Operating Temperature	-30°C
Maximum Case Temperature (T _c)	85°C ¹
Maximum Storage Temperature	70°C
Maximum Relative Humidity (%)	85%, non-condensing
Transient Protection	NEMA SSL1-2010 Non-Roadway 2.5kV
UL Environment Rating	Dry & Damp
UL File Number	E341915
EMI Compliance	FCC Part 15 Class B
Sound Rating	Class A

¹80°C Maximum Case Temperature for Warranty Purposes

WIRING

Input:	6" #18AWG Black (L), White (N)
Output:	6" #24AWG Red (+), Black/White (-)

DIMENSIONS



Always confirm fit with a physical sample.

PACKAGING INFORMATION

Weight: 0.57 lbs

Quantity: 50 pc/carton

PROGRAMMABILITY

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.

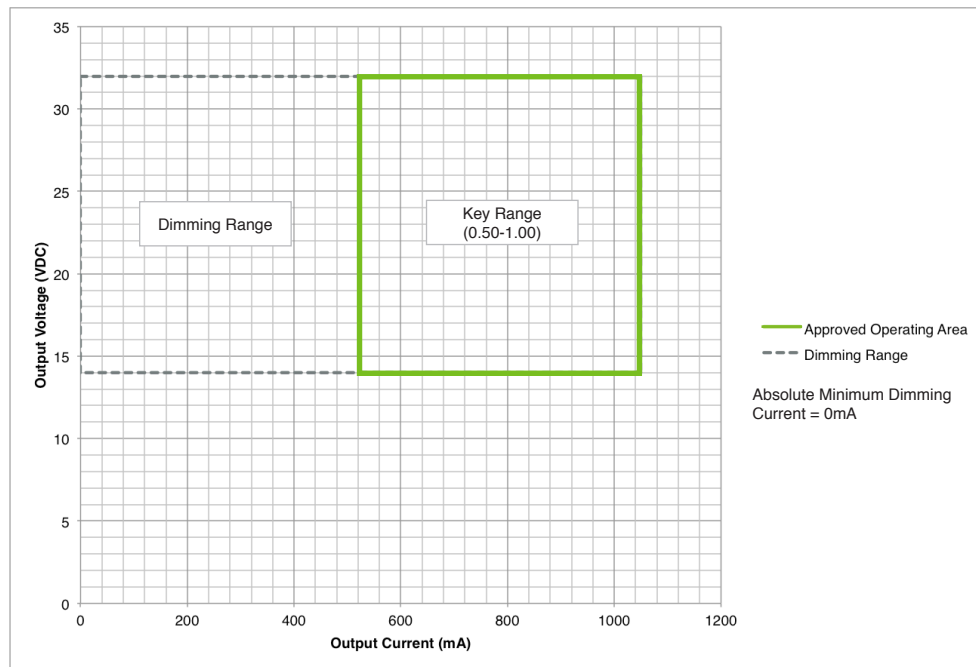
The keys are **Interchangeable** across the Hatch I-LOC LED Driver product family and have a 50% to maximum output range. The 0.28 to 0.48 keys are designed exclusively for the Linear I-LOC family.

Drive Factor	Part Number	Max Output mA	Voltage Range V	Max Output W
1.00	XA100	1050	14-32	34
0.98	XB098	1029	14-32	33
0.95	XC095	998	14-32	32
0.93	XD093	977	14-32	32
0.90	XE090	945	14-32	31
0.88	XF088	924	14-32	30
0.85	XG085	893	14-32	29
0.83	XH083	872	14-32	28
0.80	XI080	840	14-32	27
0.78	XJ078	819	14-32	26
0.75	XJ075	788	14-32	26
0.73	XL073	767	14-32	25
0.70	XM070	735	14-32	24
0.68	XN068	714	14-32	23
0.65	XO065	683	14-32	22

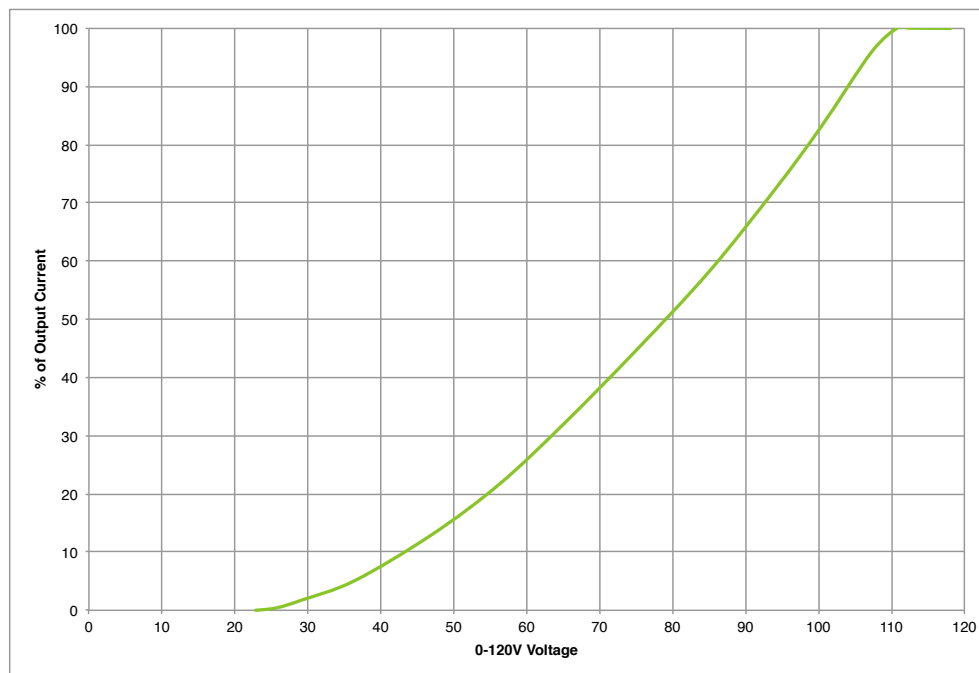
Drive Factor	Part Number	Max Output mA	Voltage Range V	Max Output W
0.63	XP063	662	14-32	22
0.60	XQ060	630	14-32	21
0.58	XR058	609	14-32	20
0.55	XS055	578	14-32	19
0.53	XT053	557	14-32	18
0.50	XU050	525	14-32	17
0.48	XLA048	Not Applicable on XTC Models		
0.45	XLB045			
0.43	XLC043			
0.40	XLD040			
0.38	XLE038			
0.35	XLF035			
0.33	XLG033			
0.30	XLH030			
0.28	XLI028			

Adjusted Output Current
Tolerance +/- 3%

OPERATING RANGE



DIMMING



LIFETIME (FULL LOAD)

PENDING

TL INFORMATION

Key Range	Tref Max	Tref - Measured @ 40°C
0.50 - 0.65	90°C	66°C
0.68 - 0.80	86°C	67°C
0.83 - 1.00	89°C	76°C

INRUSH CHARACTERISTICS

Input Voltage Vin (Vrms)	Ipk (A)	T 50%pk (μS)
120	0.74	63
277	1.28	95

For Performance Curves, contact your sales representative.