ADJUSTABLE CONSTANT CURRENT LED DRIVER
XRC32 (PHASE) PROGRAMMABLE SPECIFICATIONS SHEET

ELECTRICAL SPECIFICATIONS

Input		
Input Voltage (VAC)	120-277V (+/-10%)	
Frequency Range (Hz)	50-60Hz	
	120V	**277V**
Input Current (A)	0.32	0.14
THD @ Full Load	<10%	<20%
Power Factor @ Full Load	>0.95	>0.95
Efficiency @ Full Load	>80%	>80%
Inrush Current (Apk)	3.75	4.30
Output		
Output Current (mA)	350 - 700mA	
Output Voltage (VDC)	20 - 46V	
Output Ripple Current (mA) (Max Load)	216mA	
Maximum Output Power (W)	32W	
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 Number	XRC32-0700P-UNV-I
Type	Constant Current, Class 2
Output Power	32W (Maximum)
Programming Method	I-LOC Keys

DIMMING

Dimming Control	Phase Dimming @ 120V only
Dimming Range	Dims to Off

ENVIRONMENTAL SPECIFICATIONS

Minimum Operating Temperature	-30°C
Maximum Case Temperature (Tc)	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

[1]80°C Maximum Case Temperature for Warranty Purposes

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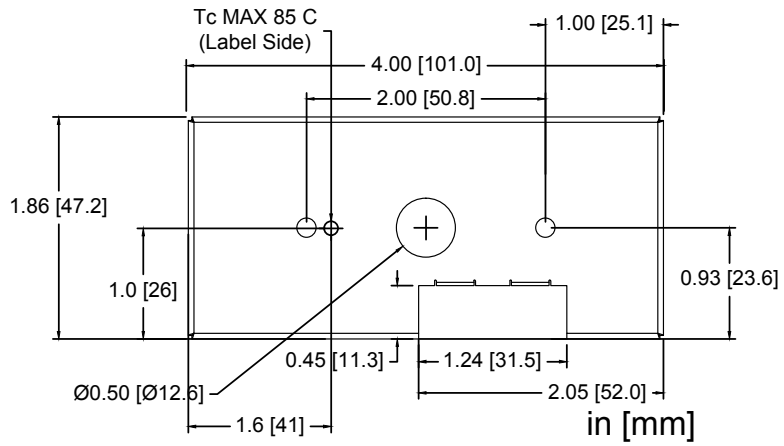
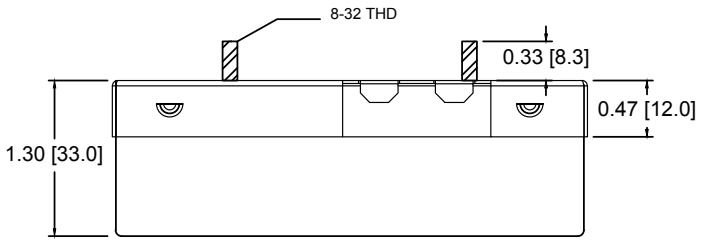
WIRING

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.

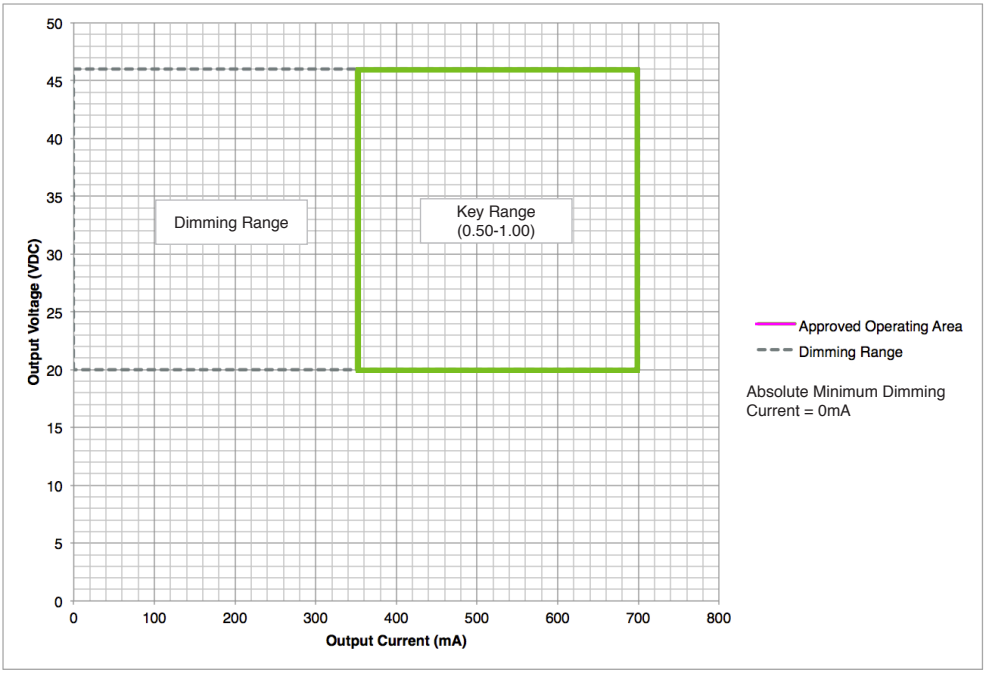
The keys are **Interchangeable** across the Hatch I-LOC LED Driver product family and have a 50% to maximum output range. The 0.28 to 0.48 keys are designed exclusively for the Linear I-LOC family.

Drive Factor	Part Number	Max Output mA	Voltage Range V	Max Output W
1.00	XA100	700	20-46	32
0.98	XB098	686	20-46	32
0.95	XC095	665	20-46	31
0.93	XD093	651	20-46	30
0.90	XE090	630	20-46	29
0.88	XF088	616	20-46	29
0.85	XG085	595	20-46	28
0.83	XH083	581	20-46	27
0.80	XI080	560	20-46	26
0.78	XJ078	546	20-46	26
0.75	XK075	525	20-46	25
0.73	XL073	511	20-46	24
0.70	XM070	490	20-46	23
0.68	XN068	476	20-46	22
0.65	XO065	455	20-46	21

Drive Factor	Part Number	Max Output mA	Voltage Range V	Max Output W
0.63	XP063	441	20-46	21
0.60	XQ060	420	20-46	20
0.58	XR058	406	20-46	19
0.55	XS055	385	20-46	18
0.53	XT053	371	20-46	17
0.50	XU050	350	20-46	16
0.48	XLA048	**Not Applicable on XRC 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