

16W•32W 34W

HATCH™ LED DRIVERS

I-LOC[®] TECHNOLOGY PATENT PENDING

LED Driver Type	Adjustable Constant Current
Input Voltage	120-277VAC Nominal, 50/60Hz
XRC Dimming	0-10V Dimming OR Leading & Trailing Edge Dimming @ 120VAC

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 set and have a 50% to maximum output range.

Driver Factor	Designator	350mA MAX	700mA MAX	1050mA MAX
1.00	A	350mA	700mA	1050mA
0.98	B	343mA	686mA	1029mA
0.95	C	333mA	665mA	998mA
0.93	D	326mA	651mA	977mA
0.90	E	315mA	630mA	945mA
0.88	F	308mA	616mA	924mA
0.85	G	298mA	595mA	893mA
0.83	H	291mA	581mA	872mA
0.80	I	280mA	560mA	840mA
0.78	J	273mA	546mA	819mA
0.75	K	263mA	525mA	788mA
0.73	L	256mA	511mA	767mA
0.70	M	245mA	490mA	735mA
0.68	N	238mA	476mA	714mA
0.65	O	228mA	455mA	683mA
0.63	P	221mA	441mA	662mA
0.60	Q	210mA	420mA	630mA
0.58	R	203mA	406mA	609mA
0.55	S	193mA	385mA	578mA
0.53	T	186mA	371mA	557mA
0.50	U	175mA	350mA	525mA

Adjusted Output Current Tolerance +/- 3%

XRC SERIES LED DRIVER

Part Number Guide		
Max. Output (mA)	Max. Power (Watts)	XRC
0-10V Dimming		
350	16	XRC16-0350Z-UNV-I
700	32	XRC32-0700Z-UNV-I
1050	34	XRC34-1050Z-UNV-I
Leading & Trailing Edge Dimming		
350	16	XRC16-0350P-UNV-I
700	32	XRC32-0700P-UNV-I
1050	34	XRC34-1050P-UNV-I

FEATURES:

- Short circuit overload & open load protection
- Over voltage & over current protection - auto recovery
- Lifetime 50,000 hrs @ 80°C case temp.
- Class 2 output
- Complies with IEEE C62.41-1991, Class A operation.
- Starts as quickly as 125ms
- Designed to meet FCC Part 15 Class B
- Minimum start temp. -30°C
- NEMA 410 Compliant
- Leading & trailing edge 0-10V Dimmable
- Dimmable at 120V only - Dims to 1%
- Dims to zero

CERTIFICATIONS:



INPUT

Power Factor	> 0.90
Total Harmonic Distortion	< 20%

OUTPUT

Dimming Type	Phase			0-10V Dimming		
Max. Power	16W	32W	34W	16W	32W	34W
Current	350mA	700mA	1050mA	350mA	700mA	1050mA
Voltage Range	20-46V	20-46V	14-32V	24-46V	24-46	17-32V
Efficiency	>85%			>85%		
Max. Case Temp.	85°C			85°C		

APPLICATIONS:

- Track lighting
- Recessed lighting
- General illumination
- Commercial lighting
- Architectural lighting

WARRANTY:

5 year limited

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HATCHTM
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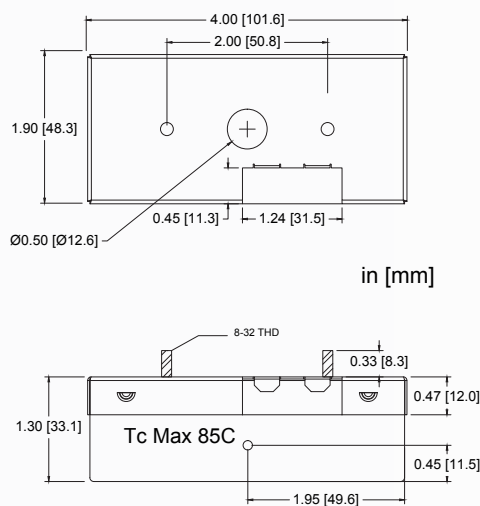
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LED Driver Type	Adjustable Constant Current
Input Voltage	120-277VAC Nominal, 50/60Hz
XRC Dimming	0-10V Dimming OR Leading & Trailing Edge Dimming @ 120VAC

Hatch **XRC** series leading & trailing edge dimmable LED driver products are suitable for use with most incandescent (leading edge) and electronic low voltage (trailing edge) dimming products. Dims to zero.

XRC I-LOC 0-10V dimming drivers dim to 1%. When the driver factor is adjusted with a new key the driver dims to 1% of the new adjusted output current.

MECHANICAL SPECIFICATIONS: I-LOC CASE STYLE XRC



Always confirm fit with a physical sample
Specifications subject to change

WIRING INFORMATION

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

PACKAGING INFORMATION

Weight:	9.1oz
Quantity:	50pc/carton

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HATCH
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TECHNOLOGY
PATENT PENDING

LED Driver Type	Adjustable Constant Current
Input Voltage	120-277VAC Nominal, 50/60Hz
XTC Dimming	Leading & Trailing Edge Dimming @ 120VAC

Hatch **XTC** series leading & trailing edge dimmable LED driver products are suitable for use with most incandescent (leading edge) and electronic low voltage (trailing edge) dimming products. Dims to zero.

INRUSH CHARACTERISTICS

PHASE DIMMING			
Max Output	Vin	Ipk	T (50% Ipk)
350mA	120V	0.58A	59μs
	277V	1.18A	52μs
700mA	120V	0.88A	50μs
	277V	1.36A	94μs
1050mA	120V	0.74A	63μs
	277V	1.28A	95μs

0-10V DIMMING			
Max Output	Vin	Ipk	T (50% Ipk)
350mA	120V	1.70A	32μs
	277V	2.76A	33μs
700mA	120V	3.75A	37μs
	277V	4.30A	58μs
1050mA	120V	3.74A	36μs
	277V	4.03A	57μs