

16W•32W 34W

HATCH™ LED DRIVERS



LED Driver Type	Adjustable Constant Current
Input Voltage	120-277VAC Nominal, 50/60Hz
XAC 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%

XAC SERIES LED DRIVER

Part Number Guide		
Max. Output (mA)	Max. Power (Watts)	XAC
0-10V Dimming		
350	16	XAC16-0350Z-UNV-I
700	32	XAC32-0700Z-UNV-I
1050	34	XAC34-1050Z-UNV-I
Leading & Trailing Edge Dimming		
350	16	XAC16-0350P-UNV-I
700	32	XAC32-0700P-UNV-I
1050	34	XAC34-1050P-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:



APPLICATIONS:

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

WARRANTY:

5 year limited

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	24-46V	17-32V
Efficiency	>85%			>85%		
Max. Case Temp.	85°C			85°C		

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34W

HATCHTM
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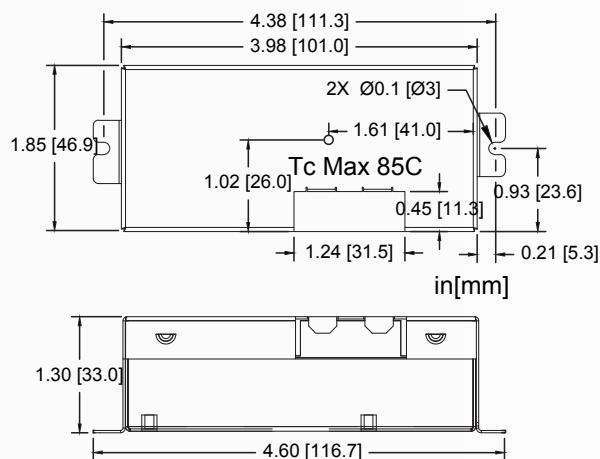
I-LOC[®]
TECHNOLOGY
PATENT PENDING

LED Driver Type	Adjustable Constant Current
Input Voltage	120-277VAC Nominal, 50/60Hz
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Hatch **XAC** 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.

XAC 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 XAC



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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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