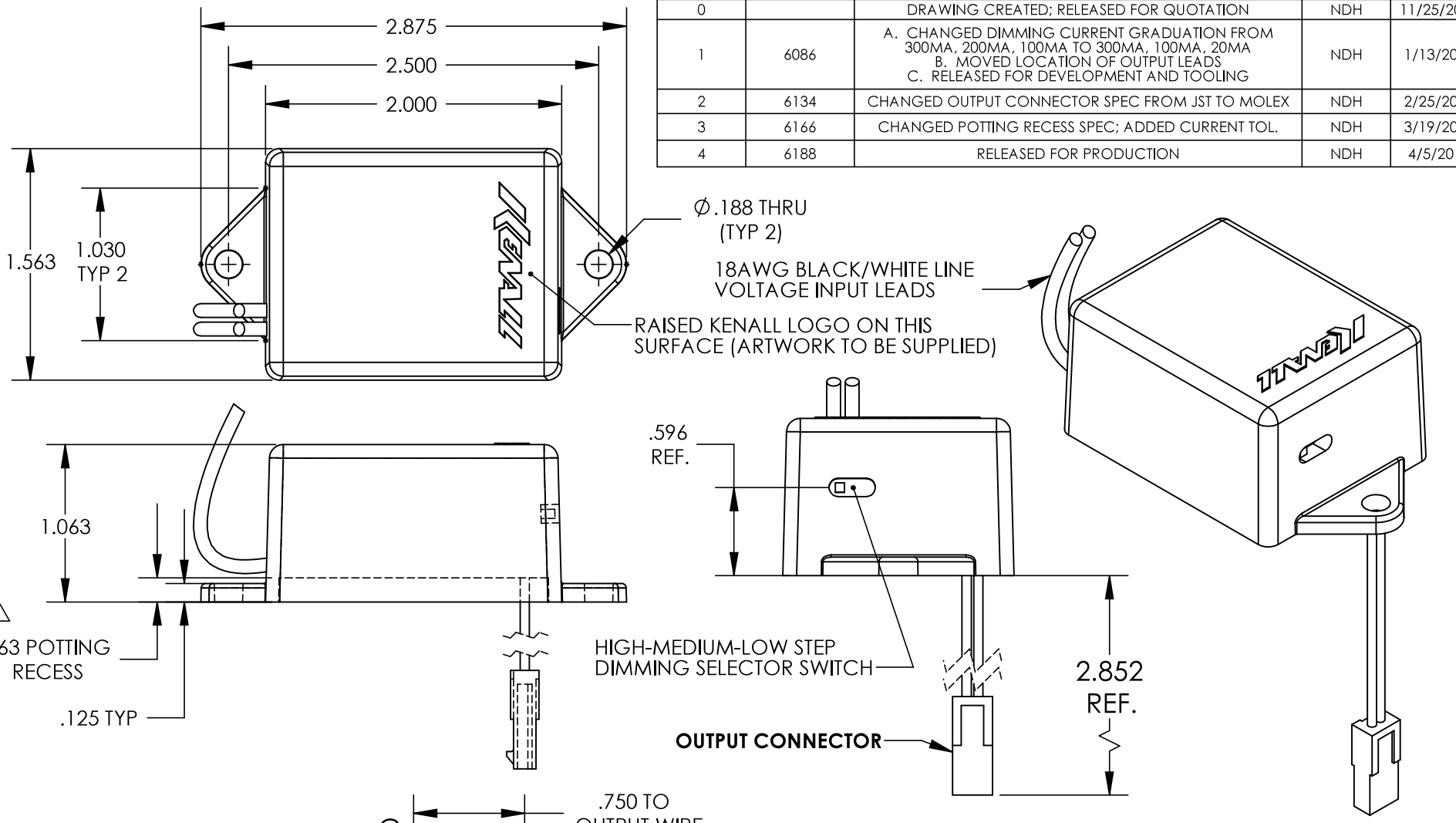
TECHNICAL SPECIFICATIONS LOCATED ON PAGE 2

REVISIONS				
REV.	ECN NO.	DESCRIPTION	BY	DATE
0		DRAWING CREATED; RELEASED FOR QUOTATION	NDH	11/25/2009
1	6086	A. CHANGED DIMMING CURRENT GRADUATION FROM 300MA, 200MA, 100MA TO 300MA, 100MA, 20MA B. MOVED LOCATION OF OUTPUT LEADS C. RELEASED FOR DEVELOPMENT AND TOOLING	NDH	1/13/2010
2	6134	CHANGED OUTPUT CONNECTOR SPEC FROM JST TO MOLEX	NDH	2/25/2010
3	6166	CHANGED POTTING RECESS SPEC; ADDED CURRENT TOL.	NDH	3/19/2010
4	6188	RELEASED FOR PRODUCTION	NDH	4/5/2010



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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS | DECIMALS .XX±.05 .XXX±.010 .XXXX±.0015 | ANGLES ±1/2°

MATERIAL: SEE NOTE

FINISH: SEE NOTE

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APPROVALS	DATE
DRAWN NDH	11/24/2009
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ENG. APPROVAL	
MFG. APPROVAL	

SCALE: -- DO NOT SCALE DRAWING

KENALL

1020 Lakeside Drive Gurnee Illinois 60031

LED DRIVER; MEDICAL STEPLIGHT

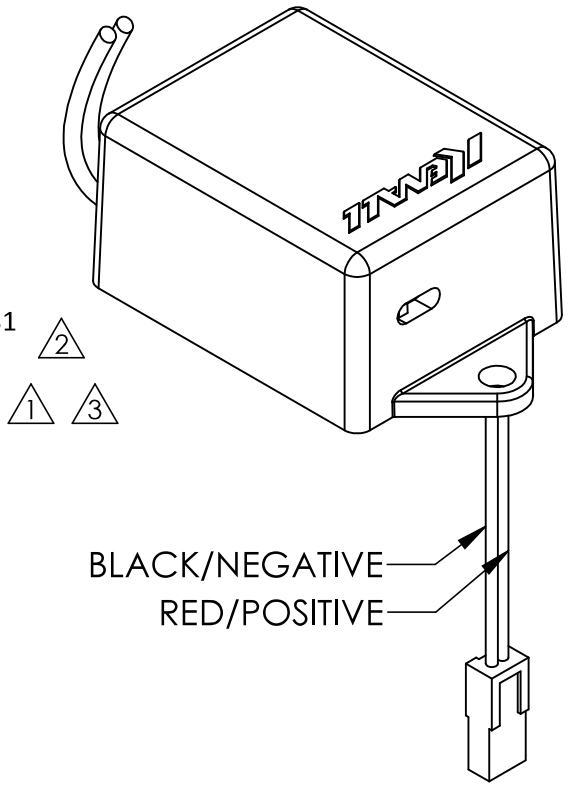
SIZE A | DWG. CAD FILE No: C-3161 | SHT: 1 OF: 2 | REV. 4

DRIVER SPECIFICATIONS:

REVISIONS				
REV.	ECN NO.	DESCRIPTION	BY	DATE
-	-	See Sheet1	-	-

1.0 Driver Input Specifications
- 1.1 Nominal Voltage: 120/277 VAC
- 1.2 Voltage Range: 108 - 305 VAC
- 1.3 Frequency: 50/60 HZ
- 1.4 Power: 3W Nominal
- 1.5 Power Factor: No power-factor correction circuitry
- 1.6 Protection: Internal Primary Fuse, Inrush Limiting
- 1.7 Line Transient EN 61000-3-2: IEC 61000-4-4 (EFT), IEC 61000-4-5 (Surge Immunity)
- 1.8 Terminal: 2-18 AWG Stranded Copper Wires, 5 Inches, Black-L, White-N

2.0 Driver Output Specifications
- 2.1 Maximum Current: 0.300 ADC
- 2.2 Current Range: 0.020ADC - 0.300ADC (see Dimming)
- 2.3 Operating Mode: Constant current
- 2.4 Current Overshoot: <20%
- 2.5 Ripple Current: <10%
- 2.6 Transient Response: TBD
- 2.7 Voltage Range: 4-8 VDC (@LED array: 2X1)
- 2.8 Protection: Short Circuit, Open Circuit
- 2.9 Output Terminal: Molex Micro-Fit 3.0 plug housing, mfg p/n: 0436400201; crimp terminal 43031 2-24 AWG Stranded Copper Wires, 2.5 Inches, Red-Pos, Blue-Neg
- 2.10 Dimming: Step dimming by integral selector switch; High (300mA ± 5%), medium (100mA ± 10%) and low (20mA ± 15%) graduation; Drive current tolerances are at 120V input
- 2.11 Photoswitch Control: End-product may include the capability for on/off switching through a low-voltage photodiode. Not required under current spec.



3.0 General Specifications
- 3.1 Driver Efficiency: >60% with nominal output load, @120VAC
- 3.2 Safety Approval: UL Recognized to UL1310 Class 2 and UL8750
- 3.3 EMI/RFI: FCC 47 Part 15, CISPR 15 (conducted), CISPR 22 Class B (radiated)
- 3.4 Operating Temperature: -20˚C to +50˚C, 20% to 90% Relative Humidity, Non-Condensing
- 3.5 Storage Temperature: -20˚C to +85˚C
- 3.6 Case Temperature: 90˚C Maximum (over-temperature limit)
- 3.7 Noise Level: Sound Rated Class A
- 3.8 Environmental: Damp Rated, RoHS Compliant, Pollution Degree Level 3, IP60 Ingress-Protection (min.)
- 3.9 Case Dimension: 1.563"(W)X2.875"(L)X1.063"(H) , 39.7x73.0x27.0mm
- 3.10 Case Material: Non-conductive black plastic; textured
- 3.11 Minimum Operation: 50,000 Hours Continuous Operation
- 3.12 MTBF: 100,000 Calculated Hours Minimum
- 3.13 Warranty: 3 years

4.0 Labeling
- 4.1 Data label shall be affixed to the side surface of driver
- 4.2 Label Contents: Safety Approval Markings, Electrical Specifications, Environmental Ratings, Manufacturer Information, Kenall Part Number and Warranty Information

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KENALL
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LED DRIVER;
MEDICAL STEPLIGHT

SIZE A | DWG. CAD FILE No: C-3161 | SHT: 2 OF: 2 | REV. 4