

Internally lit Road Sign Series



READ THESE INSTRUCTIONS COMPLETELY BEFORE ATTEMPTING THE INSTALLATION. SAVE THIS DOCUMENT FOR FUTURE REFERENCE.

ATTENTION

THE USE OF CORROSIVE CHEMICALS OR SOLVENTS MAY DEGRADE THE HOUSING FINISH AND OR FINISH PROTECTION

Suitable environmental temperature: -20°C-+45°C, Humidity: 0-95%, Operating outside these parameters will affect the lifespan of the product.

elumin8 bears no liability for damage caused by incorrect installation, fluctuations in the power supply or any other fault unless directly attributable to faulty manufacture or materials.
THIS PRODUCT IS SUITABLE FOR OUTDOOR USE

CAUTION

Do not connect the sign to the power supply while it is in the packing unless the packing has been adapted for display purpose

Disconnect from the power supply prior to installation.

Risk of fire! Risk of electrical shock



Internally lit Road Sign Series

Cost Saving on
Maintenance;
Cost Saving on Energy;
Environmentally
Friendly;
Low Carbon Footprint;
Improved Road Safety.

CE

EN 12899
EN60598-2-1

Sign Specifications

- Reduced Pollution
 - Vandal Resistant
 - Passively Safe
 - Visible from oblique Angles
 - No Costly Lamp Disposal
 - Reduced Clutter
 - No Visual Obstruction
 - Easy to Install
 - Solar Option Available
 - Meets requirements of EN 12899 -1
 - Meets EN60598-2-1 Requirements
 - CE Compliant
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- Integral IP67 photocell - set approx 60 LUX OFF/ON timer 60 sec
 - Road sign supplied with 3M 4090T end user can apply 3M™ ElectroCut™ Film (E.C. Film) Series 1170
 - Patent Pending LED Lamp Pre-wired with 3m cable Weatherproof IP66 construction
 - Acrylic Vandal resistant sheet
 - Operating voltage 12V 1.5Amp
 - Operating temperature: -20c To +45c
 - Standard aluminum/Di Bond 11-Gauge back-plate.
 - Integral IP67 photocell switch.

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Driver Specifications:

CE

IP67

EN61347-2-11

Static ON

Sealed unit mounting on back plate Microprocessor controlled
Integral IP67 photocell (set approx 70 lux OFF/ON timer 60sec)

CE marked

Operating temperature: -20c to +45c

Weatherproof construction – IP67

Designed to conform to EN61347-2-11 Part 1

Input : 100-240V AC, 50~60Hz

Input power(loading): 25W Output: 12V DC, 1.5 Amp Or,

Input power(loading): 40W Output: 12V DC, 2 Amp

Flashing

Sealed unit mounting on back plate Microprocessor controlled
Integral IP67 photocell (set approx 70 lux OFF/ON timer 60sec)

CE marked

Flashing 56±5/Min

Operating temperature -20c to +45c

Weatherproof construction – IP67

Designed to conform to EN61347-2-11 Part 1

Input : 100-240V AC, 50~60Hz

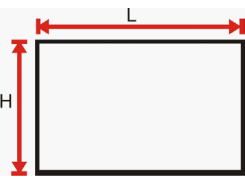
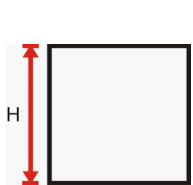
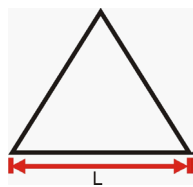
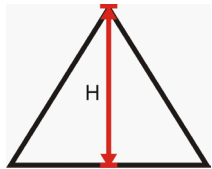
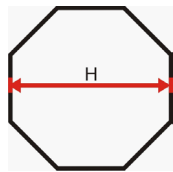
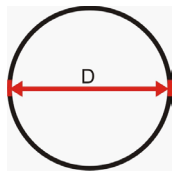
Input power(loading): 25W Output: 12V DC 1.5Amp Or

Input power(loading): 40W Output: 12V DC, 2 Amp

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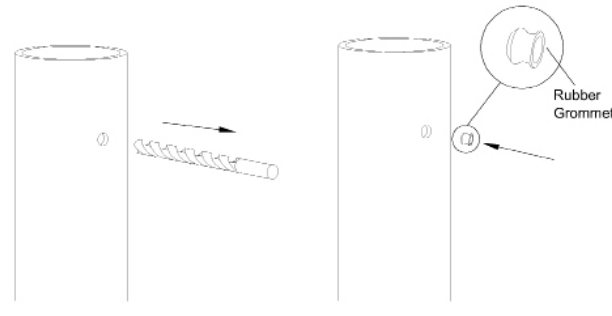
Technical Specifications:

Shapes:



Round D (mm)	300	450	600	750	900	1200		
Working current (mA)	376.67	565.20	753.60	942.00	1130.40	1507.20		
Power consumption (W)	4.52	6.78	9.04	11.30	13.56	18.09		
Octagon H (mm)	300	450	600	750	900	1200		
Working current (mA)	396	596	796	996	1196	1592		
Power consumption (W)	4.75	7.15	9.55	11.95	14.35	19.10		
Triangle H (mm)	600	750	900	1200	1500	1750		
Working current (mA)	760	953.6	1144	1528	1908	2228		
Power consumption (W)	9.12	11.44	13.73	18.34	22.90	26.74		
Triangle L (mm)	300	450	600	750	900	1200	1500	1750
Working current (mA)	320	472	640	800	960	1280	1600	1880
Power consumption (W)	3.84	5.66	7.68	9.60	11.52	15.36	19.20	22.56
Square H (mm)	300	450	600	628	900	1000	1200	
Working current (mA)	480	720	960	1004.8	1440	1600	1920	
Power consumption (W)	5.76	8.64	11.52	12.06	17.28	19.20	23.04	
Rectangle H (mm)	300	300	300	300	400	400		
Rectangle L (mm)	900	450	1300	1600	1200	1300		
Working current (mA)	480	600	1280	1520	1280	1360		
Power consumption (W)	5.76	7.20	15.36	18.24	15.36	16.32		
Rectangle H (mm)	400	400	600	600	750	728	900	
Rectangle L (mm)	1600	650	750	900	900	928	1350	
Working current (mA)	1600	840	1080	1200	1320	1324.8	1800	
Power consumption (W)	19.20	10.08	12.96	14.40	15.84	15.90	21.6	

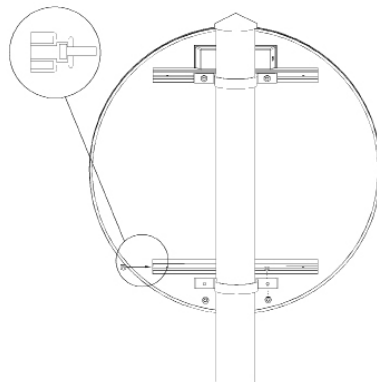
Installation Instructions:



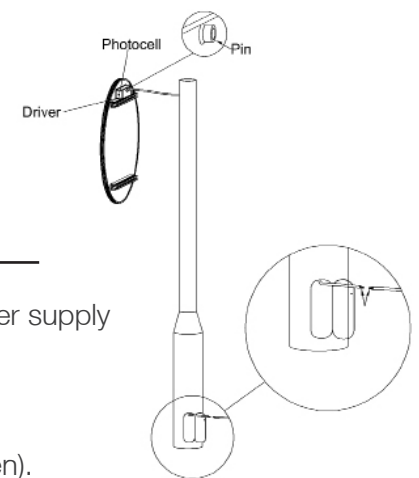
Step 1: Drill a hole(13mm) in the Road Sign Pole. Insert rubber grommet



Step 2: Push the Pin on the back of the sign into the grommet.



Step 3: Use screws and nuts to fix the road sign onto the pole. Cap the pole.



Step 4: Connect the power supply wires (3m cable):
 Positive Line(Orange),
 Negative Line(Blue),
 Ground Line(Light Green).
 Put the 3m cable into the pole,
 Run the 3m cable to the connection port at the base of the pole

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ADDITIONAL WARNINGS AND CAUTIONS

- Do not immerse in water that contains a high voltage electrical charge.
- Do not use if there is any damage to the road sign or cord insulation. Inspect periodically.
- No user serviceable parts inside. Manufacturer provides no maintenance or service for this product.
- Aluminium and plastic parts of this product are recyclable
- This product must be installed in accordance with these instructions

Please contact suppliers for the most up to date user information.

Notice: Specifications, instructions, and or technical data is subject to change without notice.