

HO Scale New Modified Atlas^(TM) LED lighted Bumper

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This is an Atlas^(TM) HO Code 100 Nickel Silver track Bumper with a bi-directional LED or a one-directional Red LED installed.

The **bi-directional RED/YELLOW LED** lights based on the direction of current flow in DC mode. If using DCC mode with AC current the LED may light with a combined color. The bumper is set so that the RED lights when the train approaches the Bumper and changes to YELLOW when the train leaves.

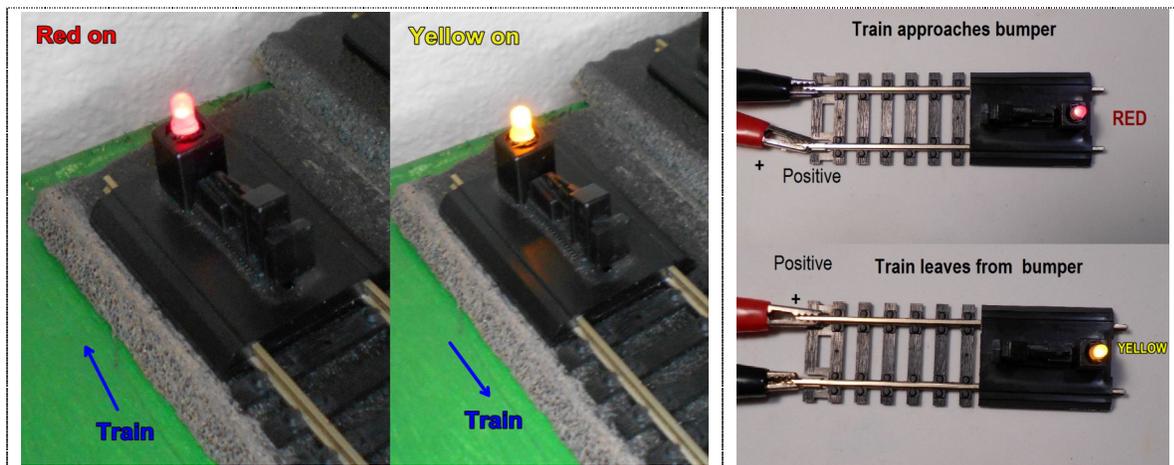
The **one-directional RED LED** will only light when the train approaches the bumper in DC mode but will light in both directions when using DCC mode..

No soldering is required. The LED lights when the track current exceeds 3-4 Volts.

This lighting applies when current is oriented according to NMRA standards. (the Positive rail is on the right when the locomotive moves forward.)

Note: This bumper will not operate if the modeltrainsounds auto reversing unit is being used. A separate pair of Bumpers are available for this purpose at the website

The package ordered includes 1 HO Scale Atlas Bumper with the selected LED and resistor installed.



Example of the Bi-directional Bumper as the train approaches or leaves in DC mode.

www.modeltrainsounds.com