

High Light Level Turn-On Application

The standard street lighting control turns on at 1.5 foot-candles. However, there are applications and locations where the ambient light intensity is very high (10 foot-candles or more) where the standard control may not reach the turn-on level and thus never function. Good examples are major commercial areas where store and sign lighting can create light, however, not the type of lighting on the walking surface for pedestrian traffic that street lights provide.

All manufacturers can provide higher turn-on light levels similar to the FAA obstruction light controls which are calibrated to turn-on at 35 foot-candles.

Precision has developed high light level turn-on controls for many specific applications

A conversation with the manufacturer should enable a proper light level turn-on to be determined. Precision has developed high light level turn-on controls for many specific applications (i.e., tunnel lighting) when the outside natural light level achieved specific levels, the interior tunnel lights were turned on. This reduced the contrast from outside to

inside so drivers were able to clearly see tunnel traffic, lines and signals; and thus...

Reverse Controls — Contact Closed During Daytime

These units are the absolute opposite of street light controls. However there are applications for them. In particular, where heavy load contactors are used (30, 60 & 100 amp). The normally open photocontrol contacts (which close in daylight) hold the load contactor open all day. At night the photocontrol contacts open, contactors contacts close and lights are on.

Precision has a wide variety of normally open photocontrols also known as reverse controls. Call for specs and catalog numbers.