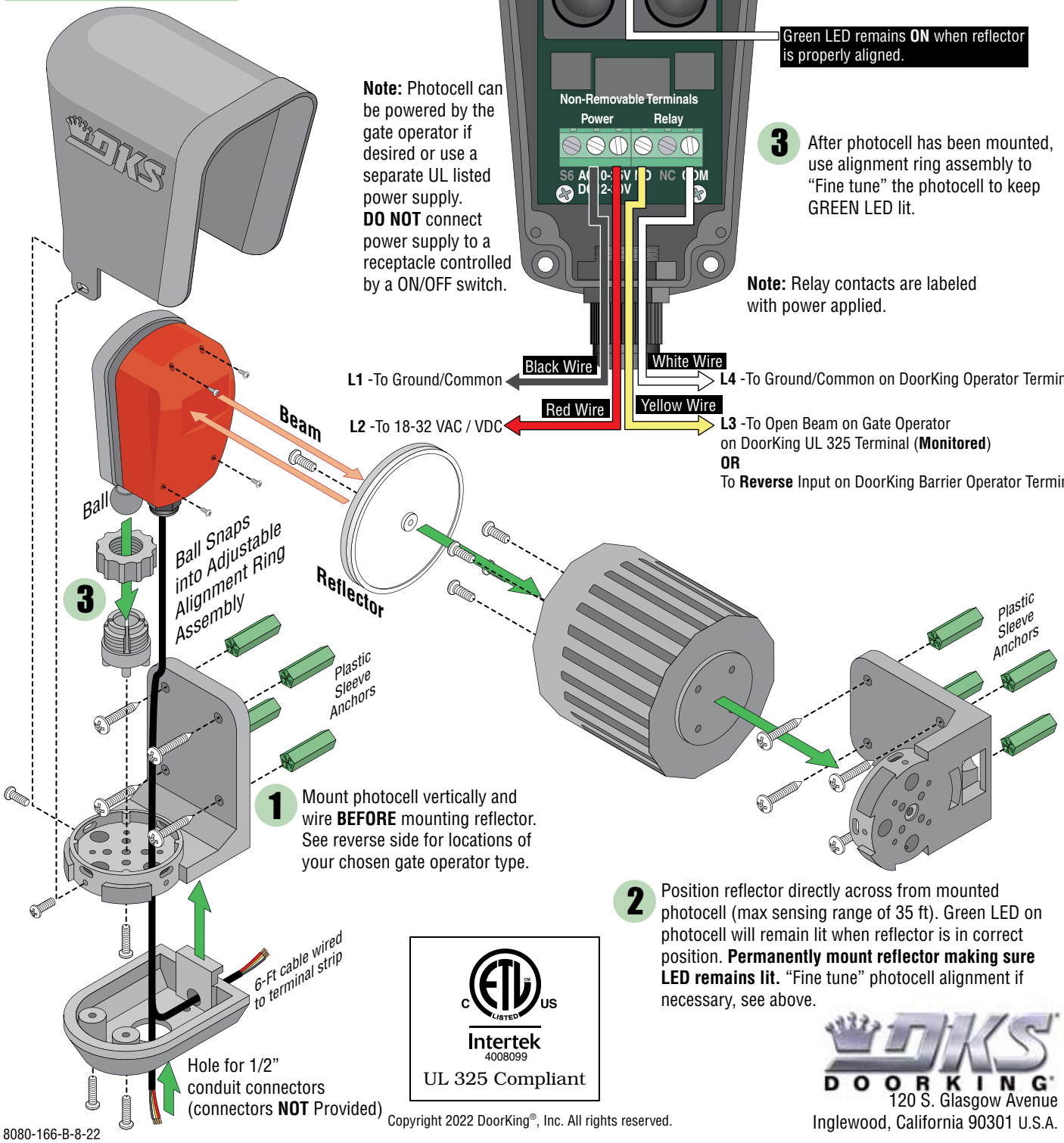
RETRO-REFLECTIVE PHOTOCELL TYPE B-1 DELUXE

DoorKing Part Number
8080-060

This retro-reflective photocell (UL 325 Type B-1) works with A**LL** DoorKing gate operators to comply with the 2018 UL 325 standards. It **must** be wired to the gate operator using the photocell's **NORMALLY OPEN** input so the gate operator can **monitor the photocell**. The photocell is powered by 18-32 VAC **OR** VDC from the gate operator if desired. The relay output is rated for 1 Amp @ 24 VAC **OR** VDC maximum. It **MUST** be mounted vertically as shown and not horizontally to protect it from the weather. The green LED will remain lit when the reflector is aligned correctly with the photocell. **The photocell has a max sensing range of 35 ft. Mounting hardware included.**

Installation



Intertek
4008099
UL 325 Compliant

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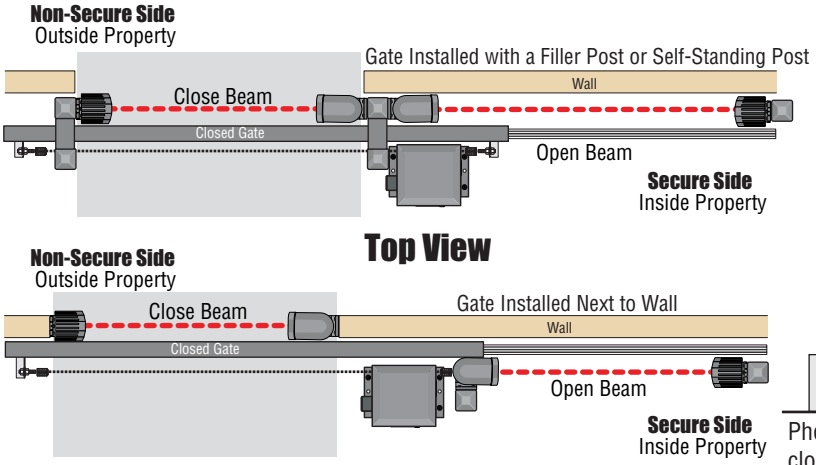
DOORKING
120 S. Glasgow Avenue
Inglewood, California 90301 U.S.A.

SLIDE Gate Photo Sensor Locations

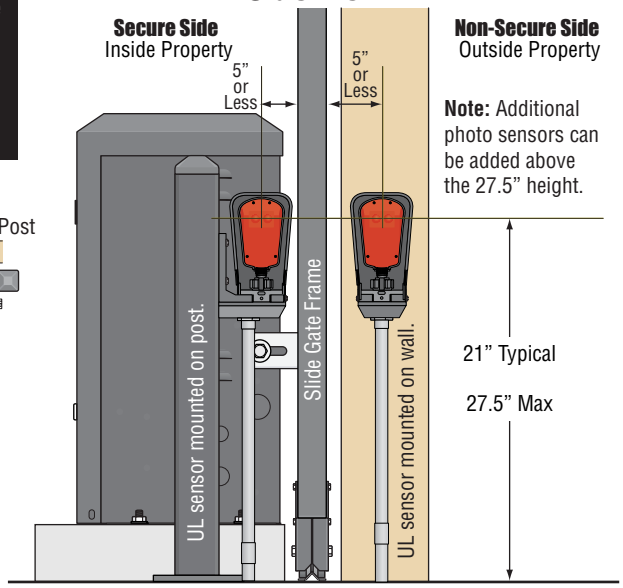
DoorKing Part Number
8080-060

Entrapment Protection MUST be provided for the DoorKing SLIDE gate system where the risk of entrapment or obstruction exists.
The operator will NOT run without one or more monitored type B1 or B2 external entrapment protection devices in EACH direction of gate travel (minimum of 2 external devices required).



Top View

Side View

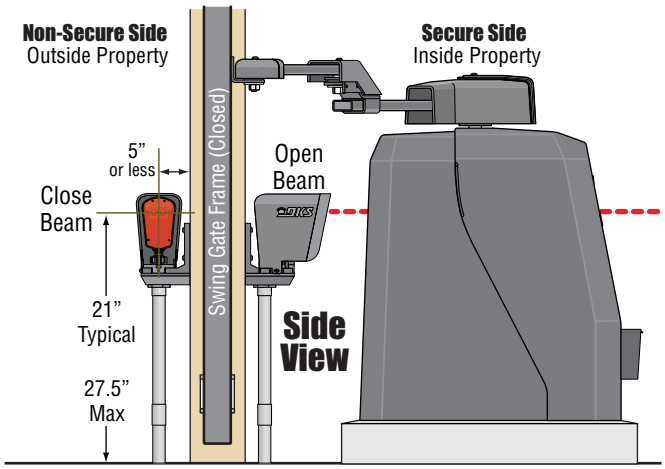


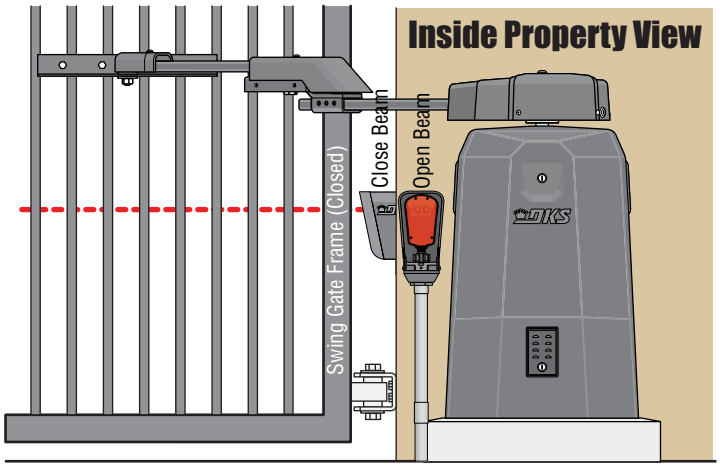
Note: Additional photo sensors can be added above the 27.5" height.

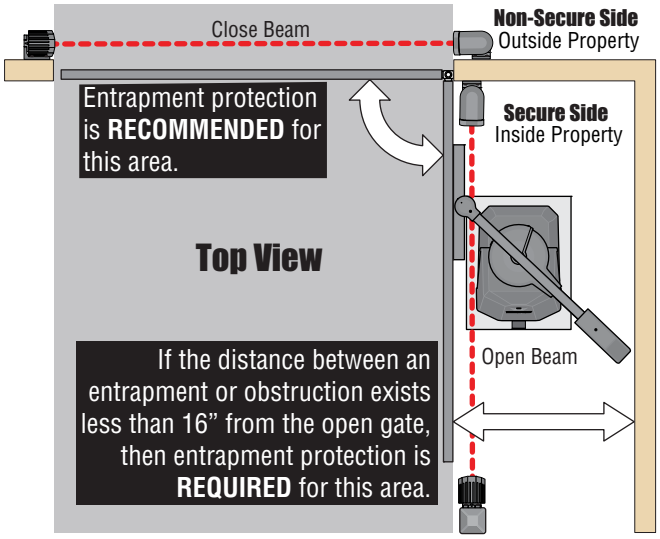
Photo sensor may be installed on either side of gate frame, as close as practical to the gate but no further away than 5 inches.

SWING Gate Photo Sensor Locations

Entrapment Protection MUST be provided for the DoorKing SWING gate system where the risk of entrapment or obstruction exists. The operator will not run without one or more monitored type B1 or B2 entrapment protection devices in EACH entrapment area.

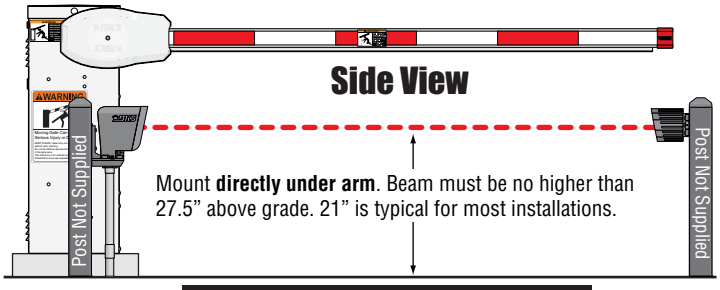






BARRIER Gate Photo Sensor Location

DO NOT mount photocell to the operator cabinet. Cabinet can flex or vibrate during operation which may cause misalignment of the beam.



Minimizes the potential of the arm lowering on vehicular or other traffic.