



Flight Light Inc.
2708 47th Ave.
Sacramento, California, U.S.A.
95822-3806

+1.800.806.3548
+1.916.394.2800

www.flightlight.com
sales@flightlight.com



Unidirectional Runway End Identification
Lighting System (REIL) Style: E, 3-Step
Honeywell

Runway End Identification Lighting System (REIL)

Model: GE3836-0003

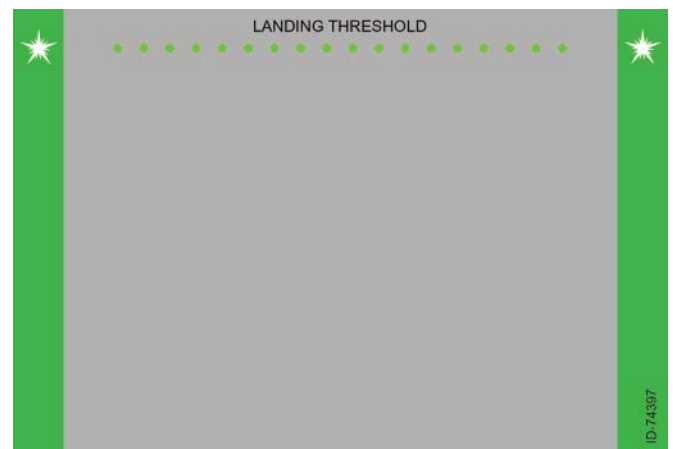
Style: E, 3-Step

The Honeywell Runway End Identification Light System (REIL) provides a visual identification of the end runway for landing aircraft. The system consists of two flashing light assemblies installed in PAR56 light fixtures.

The PAR56 light fixtures are usually mounted remotely on 2-inch EMT located 40 feet to the left and right of the full strength pavement and in line with the threshold lights. Each flashing PAR56 light fixture is toed out 15 degrees from the runway on each side.

The main components of the REIL System are one (1) control cabinet, one (2) flasher power supply, two (2) flasher light heads, and miscellaneous mounting hardware. Both flashers operate simultaneously to produce a short duration burst of white light twice per second. The timer is located in the master control cabinet.

System control of the flashing light fixtures is accomplished through the master control cabinet unit for three intensity levels of light output. The system provides for either local or remote control and is available with an optional current sensing relay and/or Honeywell series to parallel power adapters.



Typical REIL Layout

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REIL System Components - Style E

System Components	Qty	Part Number
GE3836-0003-System		
Control cabinet	1	GE3836-0002
Flasher power supply	2	GEA20540A-1
Flash head	2	GEA20360
Base flange	2	GEA20316
Wire harness	2	GEA20151-1
Floor flange	8	B1A0009SDE3
Frangible coupling	8	40000163-001
Installation manual	1	BFG-M1052
Aiming Device	1	GEA80008

REIL Optional System Components - Style E

System Components	Qty	Part Number
-CS Current sensing relay	1	GE3836-0014
Baffle assembly	1	GEA20242
Power adapters:		
- 6.6 A	1	GEA21010
- 20 A	1	GEA21020
Transformer for Current Sensor	1	ET04566601

REIL System Specifications - Style E

OPERATIONAL:		
Sequence flashing lights	Input power	120/240 V ac, 60 Hz; single-phase, 3-wire center tap
	Current	4 A ac
	Power	1 kVa
ENVIRONMENT:		
	Temperature	-55 to +55°C
	Relative humidity	0 to 95%
	Altitude	10,000 ft
PHOTOMETRIC:		
	High intensity	7,500 to 22,500 candela
	Medium intensity	750 to 2,250 candela
	Low intensity	150 to 450 candela
APPLICATIONS:		
	Style: E Unidirectional	

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