



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

PH (916) 394-2800 FX (916) 394-2809
TF (800) 806-3548 EM info@flightlight.com

**Omnidirectional
Runway End Identification
Lighting System (REIL)
Style: D,
Low Intensity, Single Step
Honeywell**

Runway End Identification Lighting System (REIL)

Model: GEA20-1012A

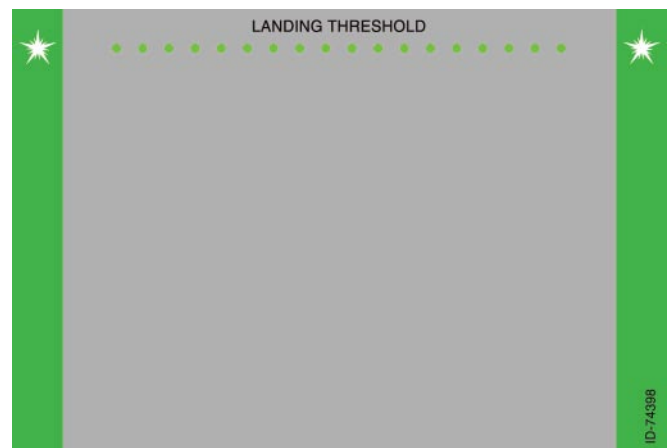
Style: D, Low Intensity, Single Step

The Honeywell Runway End Identification Light System (REIL) provides a circle guidance and visual identification of the end of the runway for landing aircraft. The system consists of two omnidirectional flashing light assemblies.

The 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 (1) 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 a single low intensity level 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 D

System Components	Qty	Part Number
GEA20-1012A-System		
Control cabinet	1	GEA20601
Flasher power supply	1	GEA20602
Flash head	2	GEA20100-2
Floor flange	6	B1A0009SDE3
Frangible coupling	6	40000163-001
Installation manual	1	BFG-M1049
Wire harness	2	-

REIL Optional System Components - Style D

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

REIL System Specifications - Style D

OPERATIONAL:		
Sequence flashing lights	Input power	120/240 V ac, 60 Hz; single-phase, 3-wire center tap
	Current	2.4 A ac
	Power	570 Va
ENVIRONMENT:		
	Temperature	-55 to +55°C
	Relative humidity	0 to 95%
	Altitude	10,000 ft
PHOTOMETRIC:		
	Low intensity	350 to 1050 candela
APPLICATIONS:		
	Style: D Omnidirectional	

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