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**Unidirectional Runway End Identification  
Lighting System (REIL) Style: A,  
High Intensity, Single Step, Honeywell**

# Runway End Identification Lighting System (REIL)

Model: GEA20-508A

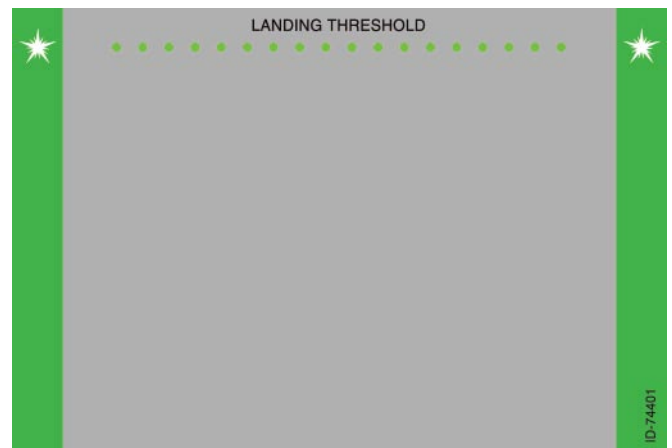
Style: A, High Intensity, Single Step

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 that are 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 (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 high 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 A**

System Components	Qty	Part Number
GEA20-0508A-System		
Control cabinet	1	GEA20553
Flasher power supply	1	GEA20551
Flash head	2	GEA20360
Wire harness	2	GEA20054-1
Floor flange	6	B1A0009SDE3
Frangible coupling	6	75-59E
Installation manual	1	BFG-M1056
Aiming Device	1	GEA80008

**REIL Optional System Components - Style A**

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 A**

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

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