

Move to the LuNAR Grade 3 Generation !

LuNAR™ DT AM Grade 3

LuNAR DT AM G3 detectors are the ultimate for professional 360° ceiling mount installations, incorporating both Anti-Mask and Anti-Cloak™ Technologies (ACT™), adhering to new environmentally friendly guidelines, and complying with PD6662, EN50131-1, TS50131-2-4 Grade 3 requirements.

In response to the recent growth in environmental awareness, RISCO Group has implemented a new "Green Line" concept in the LuNAR DT AM Grade 3, by effectively eliminating surplus MW radiation during unset periods.

LuNAR DT AM G3 detectors have a slim, low-profile design and include built-in end-of-line (EOL) resistors to simplify installation. LuNAR DT Grade 2 and LuNAR PIR models also available.

Main Features:

- Dual MW & PIR Technologies
- Anti-Cloak™ Technology
- "Green" setting - MW disabled during unset
- Active IR Anti-Mask with separate relay
- Built-in EOL resistors, jumper selectable
- Cover and back tampers
- Opto-relays for low current consumption and long lifetime
- Remote and local self test
- Set and LED control inputs
- Superior fluorescent interference rejection



**EN50131-1
GRADE 3**



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G R O U P

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What is Green Line ?

Green Line is a new concept in detectors that follows environmentally friendly guidelines by avoiding surplus radiation emission.

In Green Line detectors, the active MW channel can be disabled when the alarm system is in "unset" mode, thus eliminating surplus MW radiation while occupants are in the premises.

Technical Specifications

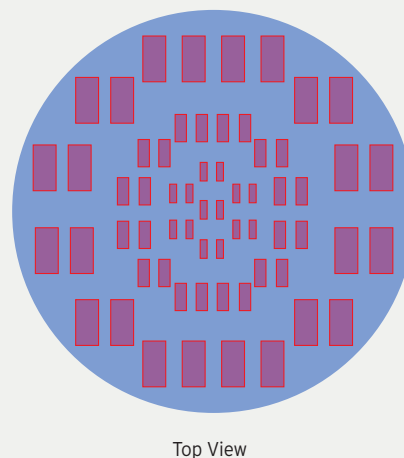
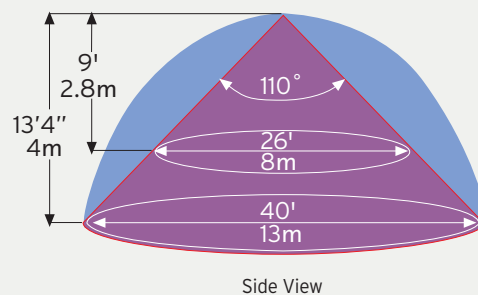
	LuNAR DT AM	LuNAR DT	LuNAR PR
EN50131-1	Grade 3	Grade 2	Grade 2
Anti-Mask Detection	Active Infrared	-	-
Green Line	✓	-	-
Anti-Cloak Technology	✓	-	-
Built-in triple EOL resistors	✓	-	-
LED & Set inputs	✓	-	-
Operating voltage: 9 to 16VDC	✓	✓	✓
Current consumption	12mA at 12V	25mA at 12V	15mA at 12V
Alarm contacts: 100mA, 24V, N.C.	Opto relay	✓	✓
Tamper contacts: 100mA, 24V, N.C.	✓	✓	✓
AM contacts: 100mA, 24V, N.C.	Opto relay	-	-
Optical filtering: White light protection	✓	✓	✓
Temperature compensation: Automatic thermistor-controlled	Microprocessor controlled (Patented True Temperature Compensation)	Microprocessor controlled (Patented True Temperature Compensation)	Analogue
RF immunity: 30V/m from 10MHz to 1GHz	✓	✓	✓
Operating temperature:	-20° C to 55° C (-4° F to 131° F)	0° C to 55° C (32° F to 131° F)	
Storage temperature: -20°C to 60°C (-4°F to 140°F)	✓	✓	✓
Dimensions (Diameter x Height): 135 x 27mm (5.3" x 1.1")	✓	✓	✓

Ordering Information

Part Number	Description
RK150DTG3xxA	LuNAR DT AM Grade 3
RK150Txx	LuNAR DT
RK2000xx	LuNAR PR

xx: Market

LuNAR coverage patterns



PD6662, EN 50131-1, TS50131-2-4 Grade 3, Environmental Class II
(Grade 2 for DT & PIR models)



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