



# *GI-RSL-RE*

*'Feel  
your Airport'*

*Primary Cable is the Backbone*

*Runway Status Lights  
Runway Entrance Lights*

# Standard compliance

## ICAO

Aerodrome Design Manual  
Annexe 14, Volume 1

## EASA

CS-ADR-DSN Issue 6

## STAC

SPE/SE/E/VIS/6008

## IEC

61827

## FAA

AC150/5345-46, EB67

# Use

Runway Status Lights  
Runway Entrance Lights

# Description

Low protrusion (3,5mm) 8" inset light.

Low consumption dimmable LED light (EB67).

Compatible with existing AGL infrastructures (6,6A IEC/FAA CCRs, thyristor or IGBT).

Transformerless architecture with low inrush current and high power factor.

Forged aluminium body.

Shared parts across the whole range of lights thanks to a modular design, to reduce spare references.

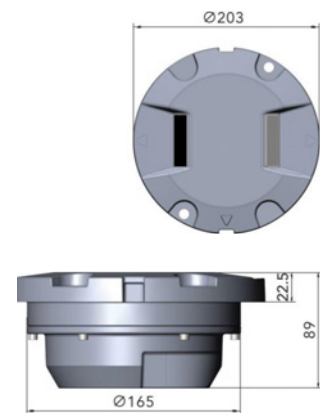
Open fail monitoring capability.

Surge protection.

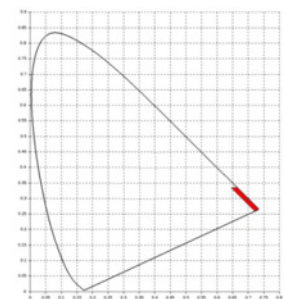
# Technical Data

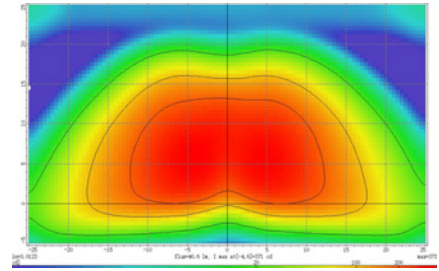
Enviroment	
Operating temperature	-55°C/+55°C
Storage temperature	-55°C/+85°C
Protection index	IP68
Humidity	0%-100%
Mechanical	
Diameter	203mm
Protrusion	3,5mm
Height	89mm
Weight	2,8kg
Electrical	
Power Supply	2,8A - 6,6A
Max admissible current	12A
Power Consumption	<7W
Power factor	>97%
Life span	>80000H

# Drawing



# Chromaticity

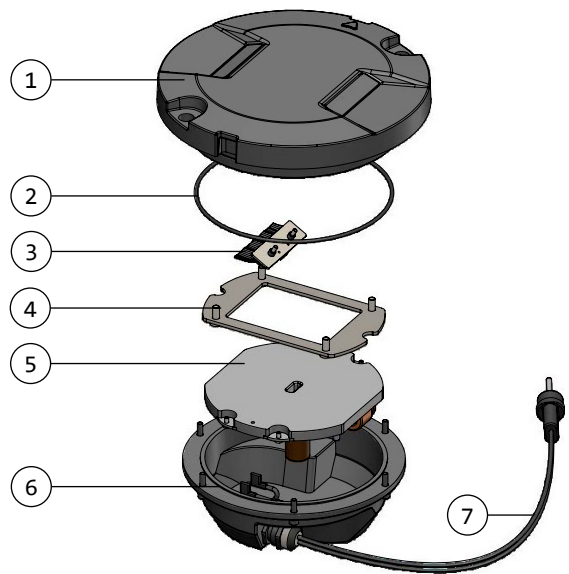




Red

## Components and spare parts

Drawing Reference	Part	Code
1, 2 and 4	8" inset unidi. top part, prism assembled	IN08TOP0000
6 and 7	8" inset bottom part, single	IN08BOT0000
-	LED connection cable 01	IN08INT0000
-	Label for red straight	LIACINTRS00
-	Label for red sides	LIACINTRC00
4	Prism support for 8" inset	IN08INT0001
2	Seal ring for 8" inset light fixture	IN08INT0002
-	Seal ring for 8" base type T	IN08EXT0000
-	Electronic FOM module (5503)	LIACINT0000
5	Driver module for 1 cable lead	LIACINT0002
3	LED light source R1A0A	IN08LEDR002
7	Light cable lead 40cm long with gland	LIAC0000000

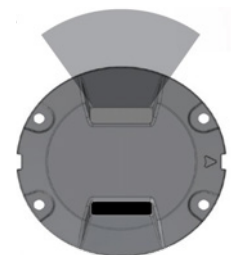


## Ordering Code

### MONITORING

- 0 No
- 1 Fail open

GI-RSL-RE - X





**GRP Iluminación, S.A.U.**

Calle de los Reyes Católicos, 6. Nave 102  
28108 - Alcobendas (Madrid) - Spain / +34 91 327 19 66



**GRP**

[www.grp-airsys.com](http://www.grp-airsys.com)



# GI-RSL-TH

*'Feel  
your Airport'*

*Primary Cable is the Backbone*

*Runway Status Lights  
Take-off Hold Lights*

## Standard compliance

### ICAO

Aerodrome Design Manual  
Annexe 14, Volume 1

### EASA

CS-ADR-DSN Issue 6

### STAC

SPE/SE/E/VIS/6008

### IEC

61827

### FAA

AC150/5345-46, EB67

## Use

Runway Status Lights  
Take-off Hold Lights

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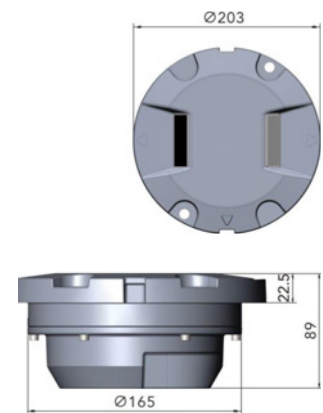
Open fail monitoring capability.

Surge protection.

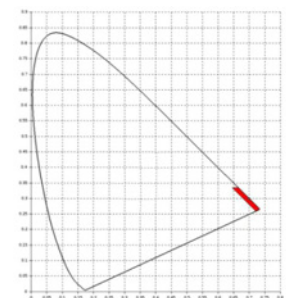
## Technical Data

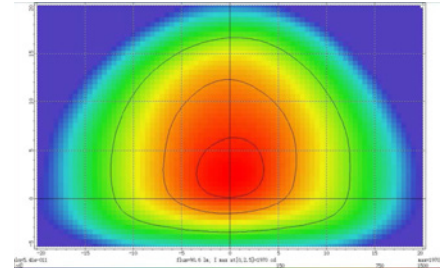
Environment	
Operating temperature	-55°C/+55°C
Storage temperature	-55°C/+85°C
Protection index	IP68
Humidity	0%-100%
Mechanical	
Diameter	203mm
Protrusion	3,5mm
Height	89mm
Weight	2,8kg
Electrical	
Power Supply	2,8A - 6,6A
Max admissible current	12A
Power Consumption	<16W
Power factor	>97%
Life span	>80000H

## Drawing



## Chromaticity

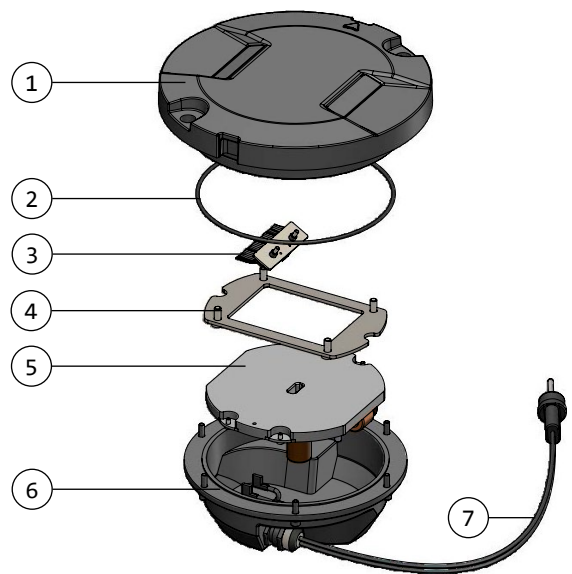




Red

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-	Seal ring for 8" base type T	IN08EXT0000
-	Electronic FOM module (5503)	LIACINT0000
5	Driver module for 1 cable lead	LIACINT0002
3	LED light source R2A0A	IN08LEDR003
7	Light cable lead 40cm long with gland	LIAC0000000

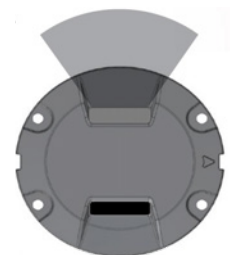


## Ordering Code

### MONITORING

- 0 No
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GI-RSL-TH - X





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