GI-RED

Inset Runaway Edge Light

Standard compliance

Use

Inset Runway Edge Light

ICAO
Aerodrome Design Manual
Annex 14, Volume 1

EASA
CS-ADR-DNS Issue 5

AENA
DIN/DSEYN/PPT/011-03/12

STAC
SPE/SE/E/VIS/6008

IEC
61827

FAA
AC150/5345-46, EB67

Description

Low protrusion (6mm) 12" 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.
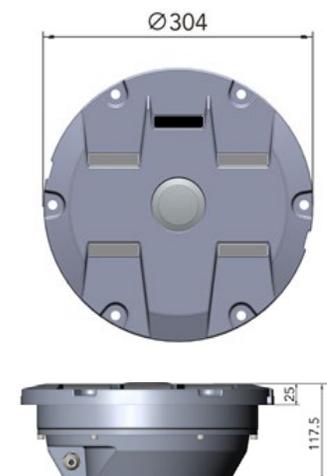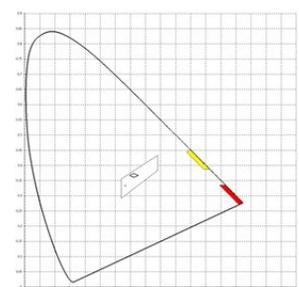Open fail monitoring capability.
Surge protection.

Technical Data

Drawing

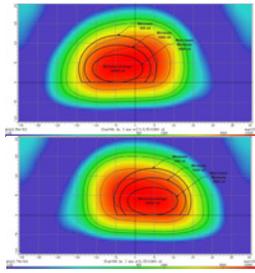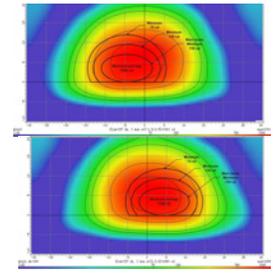| Enviroment	
Operating temperature	-55ºC/+55ºC
Storage temperature	-55ºC/+85ºC
Protection index	IP68
Humidity	0%-100%
Mechanical	
Diameter	304mm
Protrusion	6mm
Height	117,5mm
Weight	6kg
Electrical	
Power Supply	2,8A - 6,6A
Max admissible current	12A
Power Consumption	<56W (WW), 51W (WY), <37W (WR), <32W (YR) + 7W OMNI
Power factor	>97%
Life span	>80000H

Ø304
25
117,5

Chromaticity

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

White
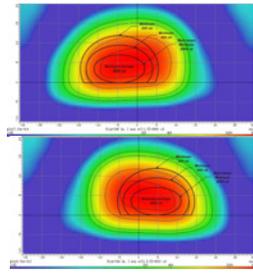
Yellow

Red

Components and spare parts

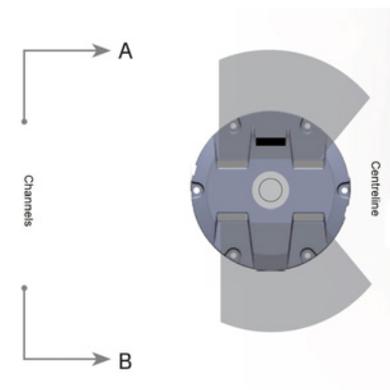| Drawing Reference	Part	Code
1, 2 and 4	12" inset bidi. top part, 4 prisms assembled	IN12TOP0001
1, 2 and 4	12" inset bidi. top part, 4 prisms and 1 omnidi. lens assembled	IN12TOP0003
6 and 7	12" inset bottom part, single	IN12BOT0000
4	Prism support for 12" inset	IN12INT0000
-	LED connection cable 03	IN12INT0001
-	Label for white sides	LIACINTWC00
-	Label for red sides	LIACINTRC00
-	Label for yellow sides	LIACINTYC00
-	Electronic FOM module (5503)	LIACINT0000
2	Seal ring for 12" inset light fixture	IN12INT0002
-	Seal ring for 12" base	IN12EXT0001
5	Driver module for 1 cable lead	LIACINT0004
3	LED light source Y1A1D	IN12LEDYR00
3	LED light source Y1A2D	IN12LEDYL00
3	LED light source W1A1D	IN12LEDWR00
3	LED light source W1A2D	IN12LEDWL00
3	LED light source R1A1D	IN12LEDRR01
3	LED light source R1A2D	IN12LEDRL01
3	LED light source W2R0H	IN12LEDW001
7	Light cable lead 40cm long with gland	LIAC0000000
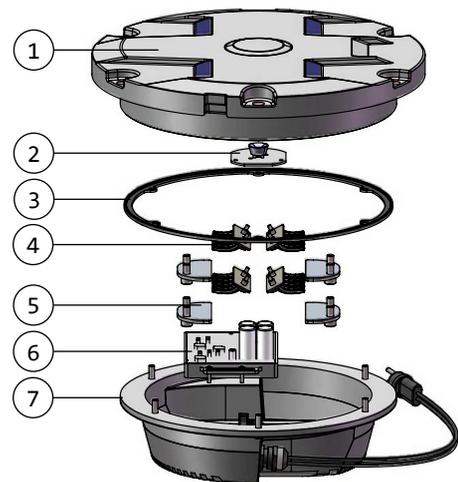
Ordering Code

GI-RED - AB - X - X

COLOUR
W (White), R (Red), Y (Yellow), B (Blank)
A: Channel A
B: Channel B

OMNIDIRECTIONAL COMPONENT
W: White
B: Blank

MONITORING
0   No
1   Fail open

GRP

www.grp-airsys.com