

SafeLED and SafeLED IQ Elevated Light

Stop Bar

Description

The elevated light fixture is a high intensity, unidirectional LED-based light fixture provided with red LEDs.

Applications

Stop Bar (ICAO §5.3.19)

Features & Benefits

- available in two versions:
 - SafeLED IQ with integrated intelligence
 - SafeLED with integrated fail-open technology
- compatibility between SafeLED IQ version and Safegate ASP and 2A system for further power savings and ILCMS
- fully encapsulated all-in-one electronics
- built-in voltage surge and lightning protection
- light-emitting diode (LED) technology that offers a long lasting light source with low power consumption
- no visual flicker for SafeLED light fixture
- IP67 protected, anodized and powder coated aluminium housing designed for harsh weather environments (all fastenings in stainless steel)
- optical surfaces in tempered glass
- operational on 3- or 5-step ferroresonant or thyristor CCRs designed in compliance with IEC or FAA requirements
- easy handling and maintenance by modular design with few mechanical parts
- compatibility with existing infrastructure



Compliances & Certifications

ICAO: Annex 14 Volume 1, Sixth Edition

FAA: AC 150/5345-46D

FAA Engineering Brief No. 67D

IEC 61827

STAC

EASA

Configuration Options/ Ordering Information

Ordering Code	SafeLED	X	X	X	X	X	X	X
Function								
SafeLED (fail-open)	-							
IQ0 (IQ disabled)*	IQ0							
IQ1 (IQ enabled)*	IQ1							
Description								
Stop Bar	SB							
Fixture								
Elevated	E							
Type								
Unidirectional	U							
Colour								
Red	R							
Power Supply								
2.8 - 6.6 A / 2A	6.6A							
Connectors								
1 Connector	1C							

Dimensions & Packaging

Weight:	3.9 kg / 8.7 lbs
Packaging:	400 x 250 x 220 mm / 15.9 x 9.9 x 8.7"
Packaging Weight:	4.9 kg / 10.9 lbs

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Power Consumption

Order codes	Fixture Load
Stop Bar – Red	12 W

Operating Conditions

Operating humidity range	Up to 100%
Operating temperature	-40 °C to +55 °C
Storage temperature range	-55 °C to +75 °C

Power Supply

An integrated, encapsulated 6.6A electronic converter.
 Two-pole L-823 plug for connection to the transformer.
 Power factor typically >0.95 @ 6.6A.

Photometric Data

