

APPROACH/THRESHOLD/RUNWAY END

Elevated Light – High Intensity – Unidirectional

EL 210



General

Light fixtures of the Series EL 210 meet the guidelines of ICAO Annex 14 as well as Part 4 of the Aerodrome Design Manuals and are in compliance with IEC 61827. They are suitable for precision approach operation under categories I to III, either for distance coded centrelines (Calvert System) or barrette centrelines (Alpa Ata System). Also special applications such as unidirectional Runway Edge lighting systems can be realized with the EL 217.

EL 217-APH

Approach Centreline and Crossbar

EL 217-ASR

Approach Siderow Barrette

EL 217-THR

Threshold and Threshold Wingbar

EL 217-RWE

Runway End

Features

- low energy consumption
- very small dimensions and low weight
- sturdy and tight aluminium housing (IP67)
- no optical adjustments after maintenance and light unit replacement
- smooth outer glass surface simple cleaning
- quick-release locking device with hinge, no loose parts
- red and green filter
- frangible pedestal with 2" FAA thread
- standard length of connecting cable is 30 cm. Other dimensions are available as per customer specific requirements

Light characteristics and performance

Main beam light distribution according to ICAO Annex 14

Light type/ Application area	Halogen lamps PK30d, 6.6 A 1'000 hrs nom.*	Average light intensity	Light colour
EL 217-APH Approach	150W	ICAO 20'000 cd ERNI 24'000 cd App. 2, Fig. 2.1	white
EL 217-ASR Side Rows	100W	ICAO 5'000 cd ERNI 5'800 cd App. 2, Fig. 2.2	red
EL 217-THR Threshold Threshold Wingbar	100W	ICAO 10'000 cd ERNI 13'000 cd App. 2, Fig. 2.3 & 2.4	green
EL 217-RWE Runway End	100W	ICAO 2'500 cd ERNI 4'500 cd App. 2, Fig. 2.8	red

* **Life expectancy:**
> 5'000 hrs using mixed
intensity steps

Cable:
with plug FAA-L-823 type II,
class A style 1

Dimensions/Weights

Article	Weight	Packing (cardboard box)
Light EL 217	2,2 kg	160 x 160 x 180 mm
Pedestal	0,7 kg	150 x 150 x 170 mm
Base plate	2,4 kg	315 x 315 x 60 mm

Options

- yellow painted housing

Accessories

Accessories must be ordered separately. For
details see also section «mounting systems».

Subject to change

