

RUNWAY

Elevated Light – Low Intensity – Omnidirectional

EL 220



General

The lights of Series EL 224 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 low intensity applications. A variety of colored glass domes are available to meet nearly all requirements. The light fixtures are available either with a 45W/6.6A G6.35 halogen lamp, a 45W, 65W or 100W/6.6A PK30d halogen lamp. Life expectancy of these halogen lamps is approximately 5'000 hours under average operating conditions.

EL 224-APM

Simple Approach
low intensity

EL 224-REL

Runway Edge
low intensity

EL 224-THR

Threshold
low intensity

EL 224-RWE

Runway End
low intensity

Features

- sturdy, tight housing (IP67)
- compact dimensions and low weight
- optimal light performance with long lamp life due to excellent heat dissipation and seal tight concept
- no optical re-adjustments after lamp change and maintenance
- easy to clean and stain-resistant
- quick relamping without tools, low energy consumption, long lamp life
- through-colored glass dome
- suitable for frangible pedestal type STF-N30
- suitable for frangible and adjustable pedestal type STR-N30
- standard length of connecting cable is 30 cm. Other dimensions are available as per customer specific requirements

Light characteristics and performance

Ordering color code and light transmittance

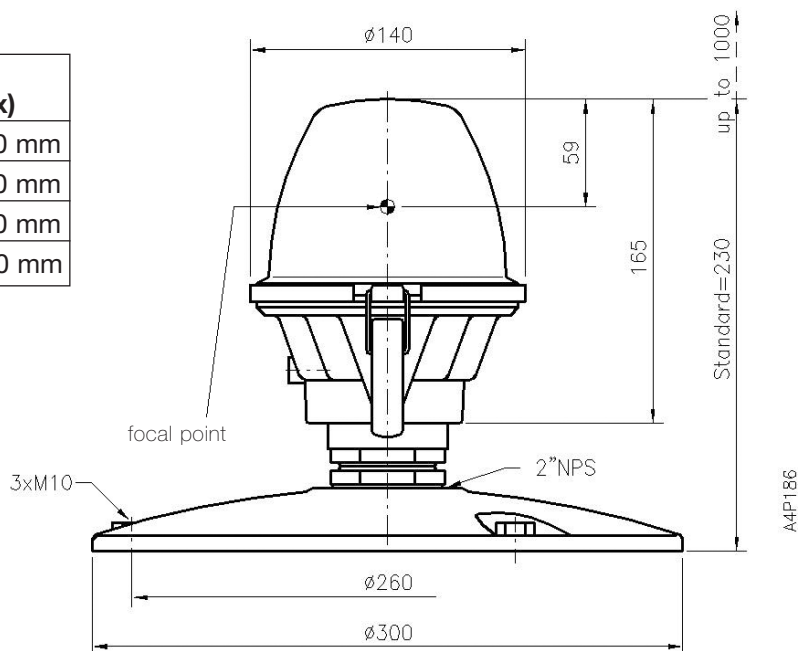
□	w = white	100 %
■	b = blue	3 %
■	g = green	20 %
■	y = yellow	50 %
■	r = red	20 %
□	s = blind	0 %

Main beam light distribution

Light type/ Application area	Halogen lamps PK30d, 6.6A	Average light intensity	Light colour
EL 224-APM Simple Approach	100 W	ERNI hor 360° vert. 0–11° 500 cd max. Int. 600 cd	white
EL 224-THR Threshold	100 W	ERNI hor 360° vert. 0–11° 84 cd max. Int. 100 cd	green
EL 224-RWE Runway End	100 W	ERNI hor 360° vert. 0–11° 84 cd max. Int. 100 cd	red

Dimensions/Weights

Article	Weight	Packing (cardboard box)
Light EL 224	1,6 kg	155 x 145 x 190 mm
Pedestal STF-N30	0,2 kg	100 x 100 x 100 mm
Pedestal STR-N30	0,7 kg	150 x 150 x 170 mm
Base plate	2,4 kg	315 x 315 x 60 mm



Options

- electronic cut-out device
- unidirectional light beam
- yellow painted housing

Accessories

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

Subject to change