

APPROACH/THRESHOLD/RUNWAY END

Inset Light – High Intensity – Uni- and Bidirectional

IL 260 12"



IL 263R-THR/RWE

Threshold/Runway End combination

IL 267/IL 267R-RWE

Runway End

IL 268-APH/ASR/THR

Approach/Side Row/Threshold

IL 268R-THR

Threshold

IL 269R-APH/ASR/THR

Approach/Side Row/Threshold

Features

- very sturdy aluminium housings of long term tightness (IP68)
- housing substructures 12"
- elevation above ground 12,5 – 15 mm
- optimal prism protection
- lamp system can be chosen or adapted easily:
 - prefocussed halogen lamp, socket PK30d, rating 6.6A, life expectancy 1'000 hrs (at rated current), operation average 5'000 hrs
 - halogen cold mirror reflector lamps of 105W, life expectancy 1'000 hrs at rated current
- dichroic colour filters
- no optical adjustment needed after maintenance operations
- cable length 30 cm, plug vulcanised
- lamps connected in series

General

The lights of the series IL 260 meet the mechanical guidelines of FAA AC No 150/5345-46B and ICAO Annex 14 as well as Part 4 of the Aerodrome Design Manual and are in compliance with IEC 61827. They are suitable for runway systems at an operating level under category I to III as lights for precision approach either for Calvert- or Alpa Ata-Systems, as well as Threshold and Runway End lights.

Light characteristics and performance

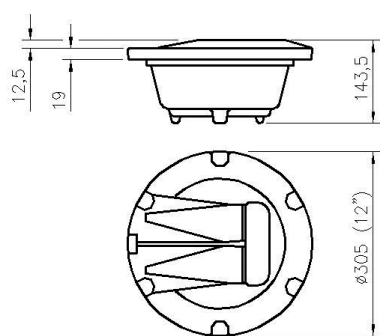
Main beam light distribution according to ICAO Annex 14 – types with PK30d halogen lamps

Light type/ Application area	Halogen lamps PK30d, 6.6A nom. 1'000 hrs	Average light intensity	Light colour
IL 267-RWE Runway End	1 x 150W	ICAO: 2'500 cd Fig. 2.8. ERNI: 3'000 cd	red
IL 268-THR Threshold	300W (2 x 150W)	ICAO: 10'000 cd Fig. 2.3/4 ERNI: 13'000 cd	green
IL 268-ASR Side Row	300W (2 x 150W)	ICAO: 5'000 cd Fig. 2.2 ERNI: 5'300 cd	red
IL 268-APH Approach	300W (2 x 150W)	ICAO: 20'000 cd Fig. 2.1 ERNI: 18'000 cd	white

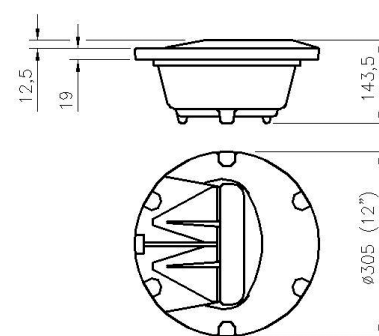
Main beam light distribution according to ICAO Annex 14 – types with reflector lamps

Light type/ Application area	Reflector lamps Refl. ø50 mm, 6.6A nom. 1'000 hrs	Average light intensity	Light colour
IL 263R-THR/RWE Threshold/Runway End	315W (3 x 105W)	ICAO: 10'000/2'500 cd Fig. 2.3/2.8. ERNI: 10'200/ 2'700 cd	green/red
IL 267R-RWE Runway End	105W (1 x 105W)	ICAO: 2'500 cd Fig. 2.8 ERNI: 2'700 cd	red
IL 268R-THR Threshold	210W (2 x 105W)	ICAO: 10'000 cd Fig. 2.3 ERNI: 10'200 cd	green
IL 269R-THR Threshold	315W (3 x 105W)	ICAO: 10'000 cd Fig. 2.3/2.4 ERNI: 14'000 cd	green
IL 269R-ASR Side Row	315W (3 x 105W)	ICAO: 5'000 cd Fig. 2.2 ERNI: 7'000 cd	red
IL 269R-APH Approach	315W (3 x 105W)	ICAO: 20'000 cd Fig. 2.1 ERNI: 22'000 cd	white

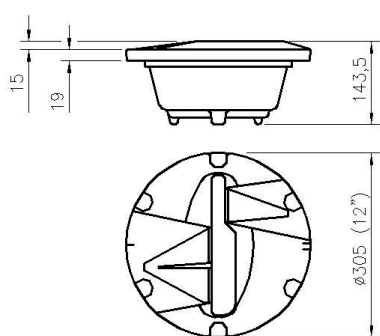
Dimensions/Weights



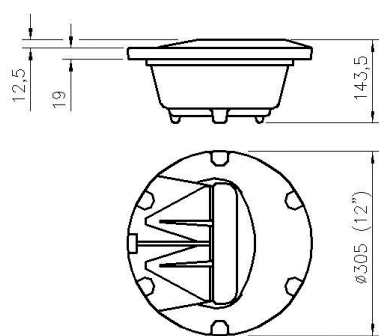
IL 267



IL 268



IL 263R



IL 268R
IL 269R

Article	Weight	Packing (cardboard box)
All types	6,4 kg	302 x 302 x 145 mm

Options

- single lamp connection
- drain holes in the light channel

Accessories

Accessories must be ordered separately. For details see also section «mounting systems». Substructures and series transformers to be ordered separately.

Subject to change

ERNI Licht-Technik AG, Stationsstrasse 31, CH-8306 Brüttisellen, Switzerland
Phone +41 (0)44 835 33 43, Fax +41 (0)44 835 33 42

info@erniairlight.com



www.erniairlight.com