

# Inset light Type IL241

These full flat inset lights have been developed for the demanding use in the runway area. They are mainly used as a taxiway centreline or for the holding beam. The requirements of ICAO, Annex14, as well as Part 4 of the Aerodrome Design Manual and IEC 61827 are fulfilled. They are suitable for taxiway systems of categories I to III.

The light of the IL241 series is made of a tempered aluminium alloy. The prism is cemented in, thus ensuring long-term sealing. Due to an optimal heat dissipation a long life span of the illuminant is achieved.

The IL241 is controlled by a variable input voltage. The light intensity can be adapted to the respective conditions on site depending on the applied input voltage.



## Technical data

<b>Casing</b>	Aluminium casting
<b>Protection</b>	IP 68
<b>Weight</b>	6.4 kg IL241-2, IL241-3 6.6 kg IL241-7
<b>Source of light</b>	Halogen lamps PK30d
<b>Temperature</b>	-25°C to +50°C
<b>Prisms</b>	Borsilicate
<b>Tension</b>	series system 6.6A
<b>Power Pmax.</b>	100W or 150W

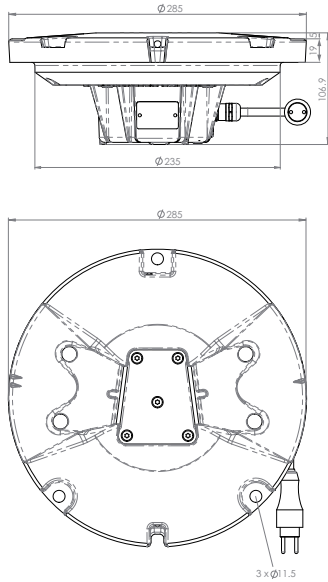
## Execution and Accessory

<b>Other voltages</b>	on request
<b>Type</b>	IL241/2-5 IL241/3-5 IL241/7-5
<b>Accessory</b>	shallow base blind cover transformers etc.

## Order Information

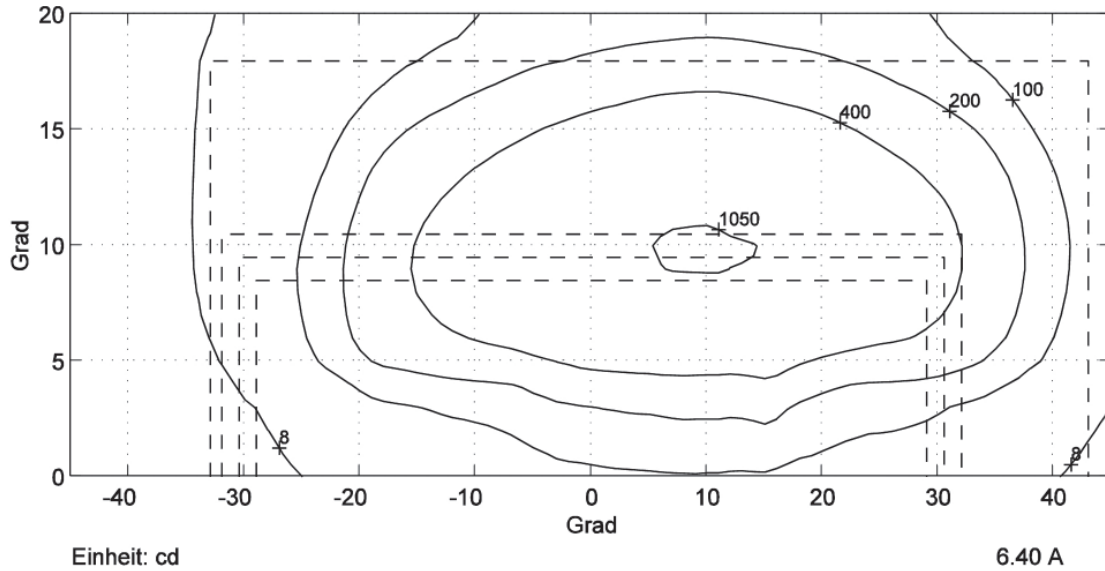
<b>Order number</b>	IL241/v-5aaa-l-c1/c2
<b>Version (v)</b>	2 bidirectional beam 3 bidirectional beam switchable 7 unidirectional beam
<b>Function (aaa)</b>	TCL taxiway center line TSB taxiway stop bar
<b>Illuminants (l)</b>	100 100W PK30d 150 150W PK30d
<b>Color code (c1)</b>	g green r red y yellow
<b>Color code (c2)</b>	g green r red y yellow

### Side view



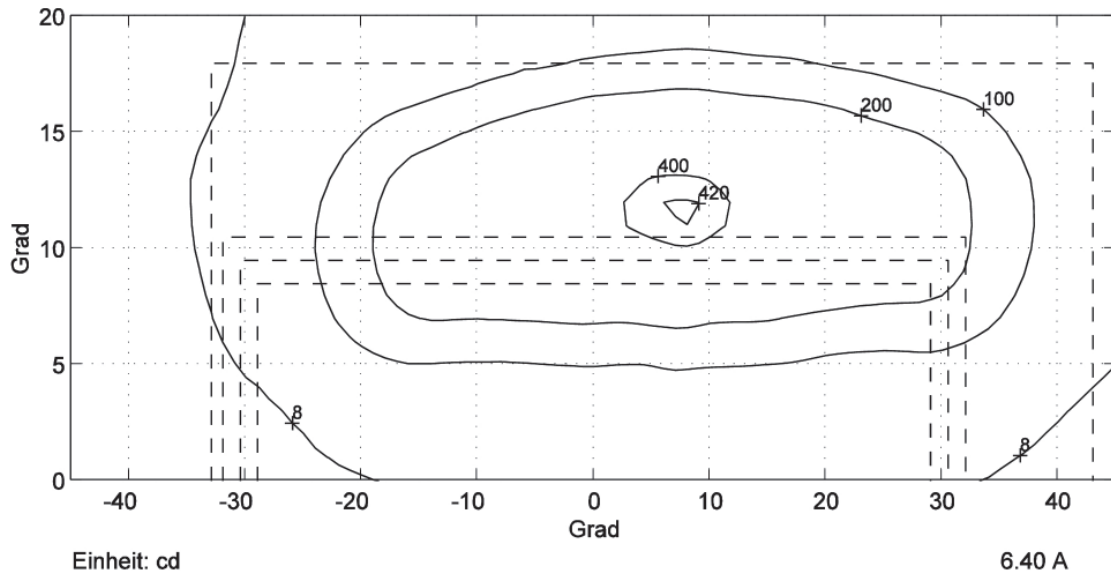
### Light distribution curve section TCL

*Isocandeladiagramm gemäss ICAO Aerodromes - Annex 14 - Appendix 2, Figure A2-19*



## Light distribution TSB

Isocandeladiagramm gemäss ICAO Aerodromes - Annex 14 - Appendix 2, Figure A2-19





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