

Medium-intensity obstacle light with LED- Technology



5NQ 36 0x-4x

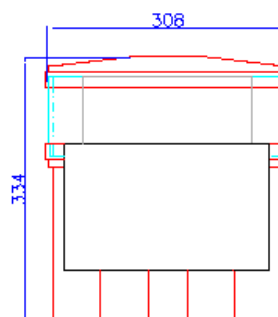
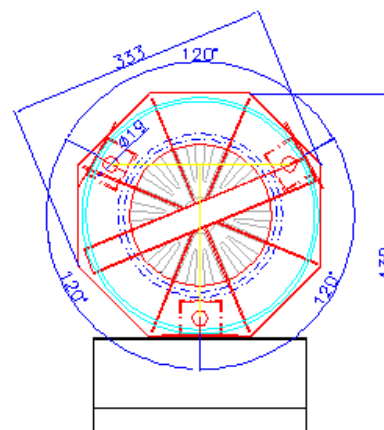
The medium- intensity obstacle light (Gefahrenfeuer) 5NQ36 0x-4x in LED-Technology is used to visually identify particular dangerous aeronautical obstacles. Its luminous characteristics comply with the ICAO (international Civil Aviation Organization) Annex 14 vol. I 4th Edition 2009 Tab. 6-3, >2000cd.

The obstacle light can be used as Type B or C (Type B with a separate flash unit). The Unit a two part light- alloy enclosure and a UV-resistant Acryl-refractor. The high intensity – LED`s are wired in groups of 8 pieces. Symmetrically mounted around the base. The supply of de LED`s is made by regulated switched power supply with a higher overvoltage protection as an option the power supply can be installed in a separate control cabinet. The excellent light distribution witch exceeds the value specified in the ICAO included enough reserve for reduced emission during life time an higher temperature. For aeronautic obstacles with more than one light around like a chimney, optionally partly (240°) assembled units are available. For a higher safety level a twin light with automatically switch over and alert contact.

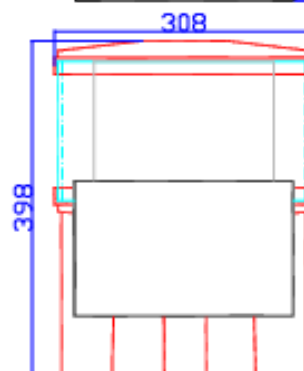
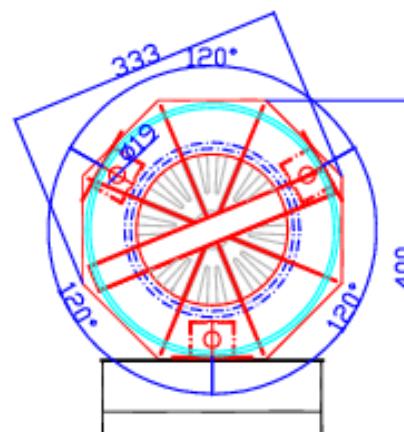


Twin medium intensity obstacle light (both units are on)

In case of compatibility the anchorage point are indent with the old SIEMENS Type 5NQ 36



Dimensions of the single light unit



Technical Daters

5NQ36 0x-4x	
Type C / B	Single light steady burning/flashing
Order-Nr.	360° Omni directional unit 5NQ36 00-4C
Order-Nr.	240° beaming unit 5NQ36 01-4C
Type C / B	Twin light steady burning/flashing
Order-Nr.	360° Omni directional unit 5NQ36 10-4D
Order-Nr.	240° ° beaming unit 5NQ36 11-4D
Accessoires	Flashing unit 30fpm (can be integrated in a Unit) 5NQ9836-3A GPS- Flashing unit 30 fpl for synchronised flashing without cabling between different units 5NQ9836-4A
Illuminate	High-power- LED`s 1,5 W 82 lm/W
MTBF	80.000 h
Color	617 nm
Protektion	IP 54
Weigt	App. 22 kg single unit/ app. 25Kg twin unit

Electrical Daters

Type 5NQ36_0x-4x	
Power supply	85-265 V AC 50 Hz or 95-250 VDC Optional: detached power supply 30V DC
Power consumption Single- Unit	360° Unit 5NQ36 00-4C 120 W 195 VA 240° Unit 5NQ36 01-4C 90 W 153 VA
Power consumption Twin- Unit	360° Unit 5NQ36 10-4D 2x 120 W 195 VA 240° Unit 5NQ36 11-4D 2x 90 W 153 VA
Approval	ICE/EN50082-2, ICE/ EN61000-6-2:2005, ICE/ EN 61000-4-4 2kV

ELIN GmbH & Co KG

Flughafentechnik Österreich
Pfarrgasse 75, 1230 Wien

Tel. +43 (0) 5 9902 20100
Fax +43 (0) 5 9902 51369

Contact persons:

Herr Harald Michalek
Herr Franz Stoiber
Herr Johann Ziegler

harald.michalek@elin.com
franz.stoiber@elin.com
johann.ziegler@elin.com

+43 (0) 676 8956 30265
+43 (0) 676 8956 30262
+43 (0) 676 8956 30282