



## LED – double obstruction light type LG 74 – 04 / 50cd / 2 technical data

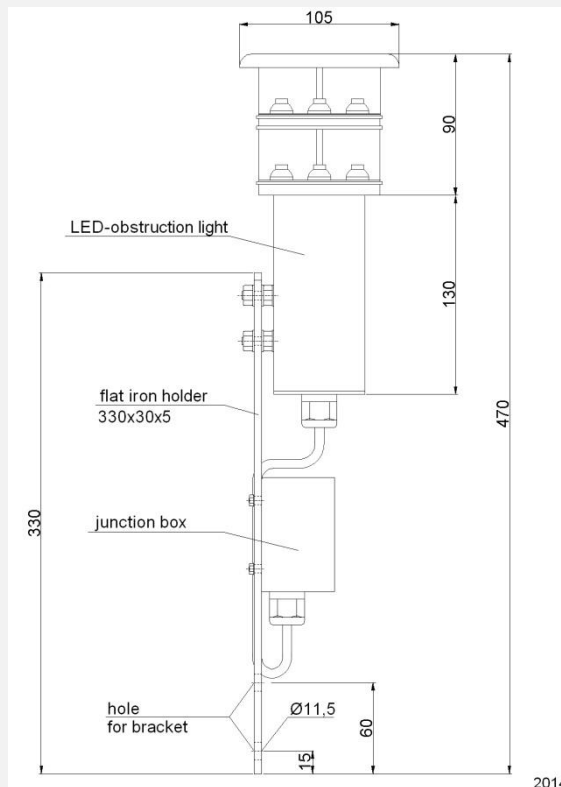
<b>type</b>	LG 74-04 / 50cd / 2
<b>lamp</b>	high performance LED aviation red
<b>Supply voltage</b>	- 180-254V / AC, 50/ 60Hz - 90-132V / AC, 50/ 60Hz - 5-36V / DC - 36-72V / DC  <b>The required supply voltage has to be stated when ordering.</b>  alarm relay and electronic ballast can be installed in external switch cabinet, power loss due to long cable run is regulated by electronic ballast
<b>power consumption</b>	approx. 6 W
<b>luminous intensity effective</b>	type B: >50cd red horizontal 360°, steady light
<b>average service life</b>	> 100.000 hours
<b>over-voltage protection</b>	integrated in obstruction light
<b>range of temperature</b>	-40°C to +80°C
<b>housing</b>	powder-coated aluminum, traffic white, stainless steel V4A available, colors according to RAL table
<b>optics</b>	LED with optical system
<b>electrical connection</b>	WAGO clamp up to 3 x 2,5 mm <sup>2</sup> in UV- resistant plastic or aluminum housing
<b>degree of protection</b>	IP 66
<b>dimensions</b>	105 x 470 mm / version with flat iron fixture (with integrated alarm relay 105 x 550 mm)
<b>weight</b>	approx. 1,9 kg
<b>mechanical stress</b>	shock-proof, vibration-resistant
<b>specification</b>	CE - certified, meets ICAO Annex 14 table 6-3. type B, approved by the German Federal Ministry of Transport
<b>design</b>	double obstruction light
<b>quality characteristics</b>	- integrated heating system to avoid icing - high-efficient protection of LED luminous element against ultraviolet light, direct sunlight and condensation - well-proven system since 1994
<b>accessories</b>	- integrated alarm relay with potential-free changeover, max. 10A / 230V AC - wall or pipe mount

**The technical equipment influences the structural shape.  
The following overview help you to configurate the correct obstruction light.**





designed without alarm relay



2014

- 10cd     32cd     50cd     70cd

- 180-254V / AC, 50/ 60Hz     90-132V / AC, 50/ 60Hz  
 5-36V / DC     36-72V / DC

- electronic ballast (installed in external switch cabinet)    )  
 integrated alarm relay (installed in external switch cabinet)

- junction box plastic material (standard configuration)

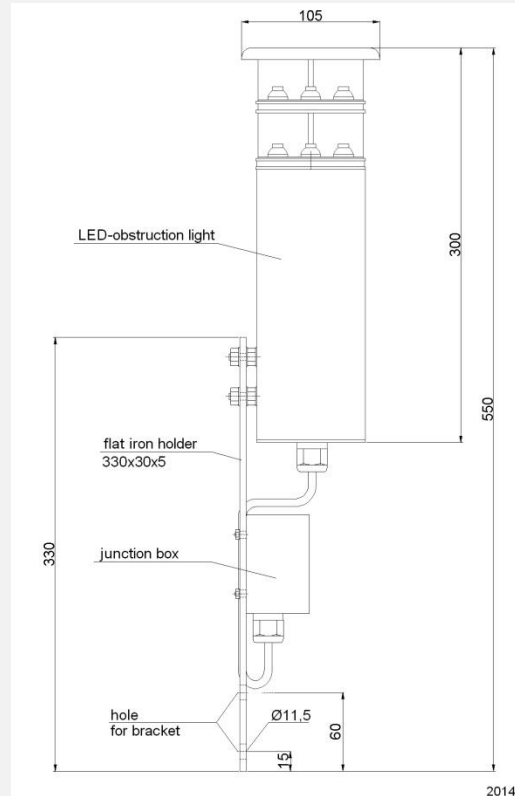
- junction box aluminium

- without junction box, cable length: \_\_\_\_\_ m    purchase order quantity: \_\_\_\_\_





Designed with integrated alarm relay and integrated electronic ballast



- 10cd     32cd     50cd     70cd

- 180-254V / AC, 50/ 60Hz     90-132V / AC, 50/ 60Hz  
 5-36V / DC     36-72V / DC

- junction box plastic material (standard configuration)

- junction box aluminium

- without junction box, cable length: \_\_\_\_\_m

purchase order quantity: \_\_\_\_\_

alarm relay and electronic ballast are directly integrated in obstruction light and are included in delivery!





**BUNDESMINISTERIUM FÜR VERKEHR,  
BAU- UND WOHNUNGSWESEN  
Dienstsitz Bonn**

Bundesministerium für Verkehr, Bau- und Wohnungswesen • Postfach 20 01 00 • 53170 Bonn

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3 00 - (0) - 4811 5. August 2004  
Robert-Schuman-Platz 1  
53175 Bonn-Bad Godesberg  
Geschäftszeichen (bitte bei Antwort angeben)  
LS 11/62.10.07

**ZertifikatCertificate**

Niederleistungshindernisleuchte

Low intensity obstacle light type A

Typ: LG 74-04/LG 75

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Hiermit wird bescheinigt, dass die oben bezeichneten Anlagenteile sowohl den Anforderungen und Empfehlungen der ICAO (Anhang 14 bzw. Aerodrome Design Manual) als auch den nationalen Vorschriften des Bundesministeriums für Verkehr, Bau- und Wohnungswesen entsprechen. Sie dürfen zur Ausrüstung von Flugplätzen und Luftfahrthindernissen verwendet werden.

This is to certify that the parts described above comply as with the Standards and recommendations of ICAO (Annex 14 resp. Aerodrome Design Manual) as with the national regulations issued by the Federal Ministry of Transport, Building and Housing. They may be used for installation on airports, airfields and aviation obstacles.

Das Bundesministerium für Verkehr,  
Bau- und Wohnungswesen

On behalf of the

Im Auftrag

Federal Ministry of Transport,  
Building and Housing



*Dr. Klein*

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