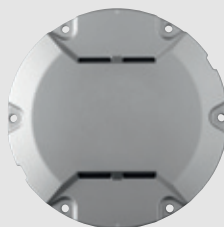
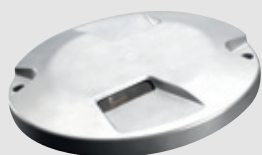




AIRPORT LIGHTING



HELLA LED Airfield Lighting



HELLA is changing the perception of LED airfield lighting

In-pavement and elevated lights for runways and taxiways utilize our innovative LED technology. Their design, construction and installation height are especially suitable for airfield requirements.

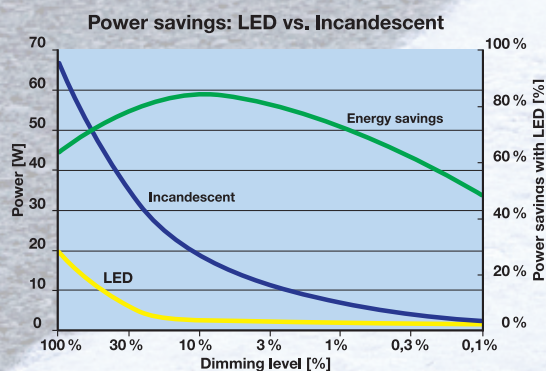
The flexible product concept can easily be adapted to existing airfield lighting structures – simply by replacing existing halogen lights. The brightness of HELLA's LED lighting can be regulated infinitely and offers a wide range of possible colors. HELLA has created numerous innovations by combining elements from its core competency sectors Lighting and Electronics. But HELLA's expertise does not stop at technology and product design – also its long-term parts supply is beneficial to the customer.

HELLA will progress

- Minimal external diameters and installation heights are HELLA's core competencies. Starting with an 8" external diameter and 6.3 mm installation height for the runway center line and touchdown zone, HELLA's taxiway lights and 12" variants for the runway edge are designed with equally small dimensions in mind.
- Such a low installation height provides huge benefits like low rolling resistance and fewer contact points for cleaning machines, snowplows and aircraft, thus significantly reducing the likelihood of damage. Shatter- and scratch-proof glass, as well as high temperature resistant material, ensure long service life, which is important, particularly for unprotected runways which can be exposed to extreme summer and winter temperatures.

Best of German engineering – safe, robust and efficient

- Up to 50,000 hrs. LED service life
- Robust aluminium housing
- Scratch-proof prisms and glasses
- Optimized maintenance concept
- Modular replacement concept ensures flexible, state-of-the-art solutions
- Committed to long-term parts supply
- Reliable electronics with transformerfree controls
- High temperature resistance from - 55°C to + 85°C (- 67°F to 185°F)
- Various availability of LED colors



LED technology is distinctly better than halogen

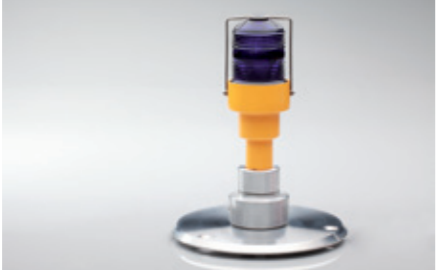
- LED technology is distinctly better than halogen
- Energy consumption reduced by up to 85%
- CO₂ emission reduced by up to 85%
- Maintenance effort reduced by up to 70 %
- No harmful substances (RoHS-compliant)



Take off in a good light with HELLA LED Airfield Lighting



LED Approach Light
High intensity elevated LED Approach Light
→ with breakable coupling
→ with component parts
Colours: clear, red



LED Taxiway Edge
Low intensity elevated LED light for the Taxiway Edge
→ with breakable coupling
→ with component parts
Colour: blue



LED Taxiway Guidance Sign
LED guidance sign in various lengths and heights with a homogenous light distribution
Colours: black/yellow, yellow/black, red/white, blue/white



LED Touchdown Zone
High intensity inset LED light for the Touchdown Zone
→ unidirectional
Colour: clear



LED Runway Edge
High intensity inset LED light for the Runway Edge
→ bi- and unidirectional
Colours: clear/red, clear/clear, clear/yellow and red/red



LED Runway Centerline
High intensity inset LED light for the Runway Centerline
→ bidirectional
Colours: clear/clear and clear/red



LED Stopbar
Medium intensity inset LED Stopbar light
→ uni- and bidirectional
Colours: red, red/green



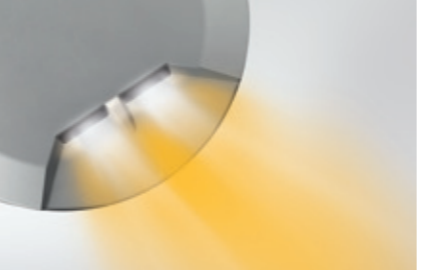
LED Taxiway RETL
Medium intensity inset LED Fast Exit light
→ uni- and bidirectional
Colours: yellow, green



LED Runway Guard
High intensity inset LED Runway Guard light
→ unidirectional
Colour: yellow



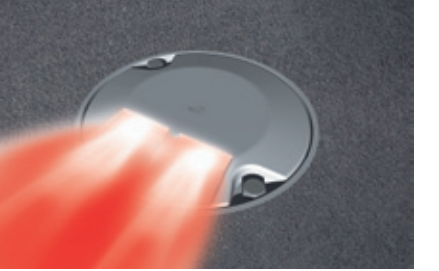
LED IHP
High intensity inset LED Intermediate Holding Position light
→ unidirectional
Colour: yellow



LED Runway RETIL
High intensity inset LED Rapid Exit Taxiway Indicator light for the Runway
→ unidirectional
Colour: yellow



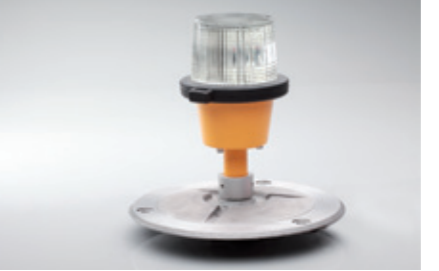
LED Taxiway Centerline
Low and medium intensity inset LED light for the Taxiway Centerline
→ straight and curved
→ uni- and bidirectional
Colours: green, red, yellow, blue



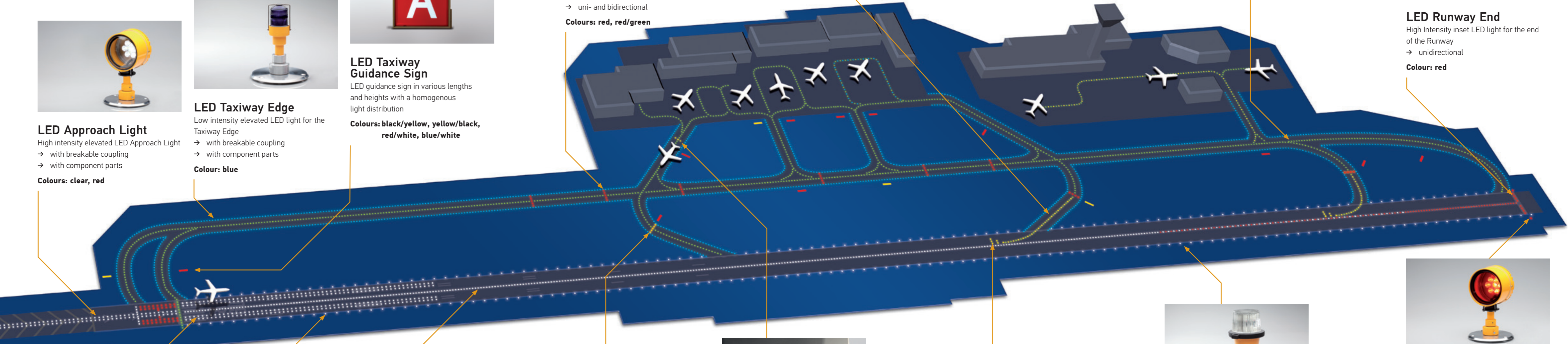
LED Runway End
High Intensity inset LED light for the end of the Runway
→ unidirectional
Colour: red



LED Runway End
High Intensity elevated LED Runway End Light
→ with breakable coupling
→ with component parts
Colour: red



LED Runway Edge
Medium and high intensity elevated LED Runway Edge Light
→ with breakable coupling
→ with accessories
Colours: clear, clear/yellow, green/red, yellow





Your contact

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HELLA INDUSTRIES

LED street lighting
LED airfield lighting
People counters
LED interior lighting

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