

# Optical Guidance Systems for road tunnels





## ... for a safe traffic guidance

Optical guidance systems from Swiss marketleader GIFAS improve the recognition of lanes in more than 80 road tunnels in Switzerland. MarkLED and FlatLED can be found not only in the new Zurich westlink but also in Gotthard road tunnel (16'918 m).

Each project requires specific solutions:

MarkLED:	curb- or wallmounted
FlatLED:	embedded in the road
ToppLED:	wallmounted
CircLED:	for roundabouts

GIFAS is pleased to let you participate from our 10 years of experience with LED road markers.

We will be pleased to provide you with individual consultation for your current tunnel project.



MarkLED





6



without FlatLED

FlatLED



with FlatLED



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ToppleD





# CircLED



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(c) GIFAS ELECTRIC



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