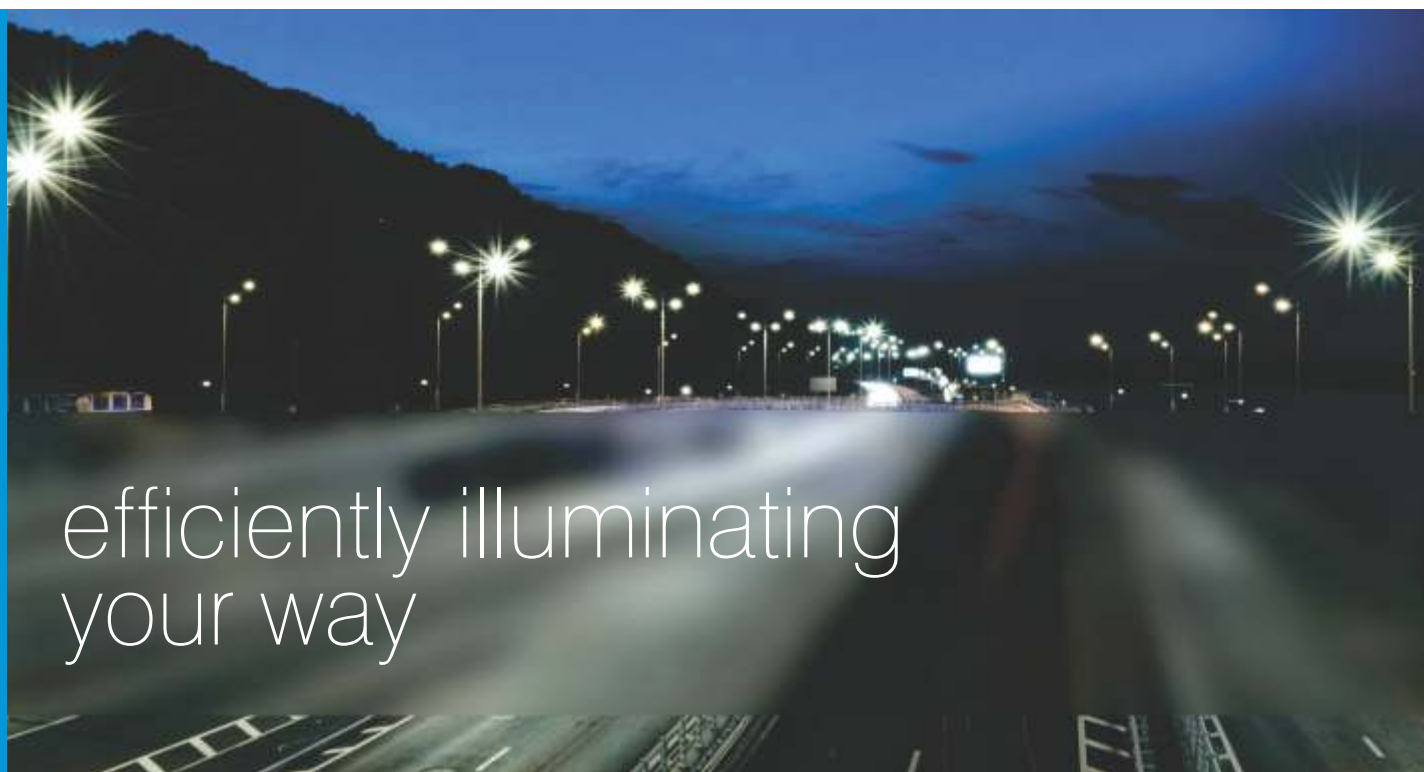


HIGH EFFICIENCY
LED STREET LIGHTS



AEROLITE LSL[®] EVO MIDI



efficiently illuminating
your way

GRAH[®]
LED LIGHTING



360° Approach

With our own and **integrated 360° Approach™**, every single component of the luminaire is studied and constantly optimized from a totally new perspective to achieve unique innovative solutions in LED lighting.

Luxeon Rebel LEDs - top quality, awarded LEDs

LED GENION bar™ - optimized LED modules exploiting every LED source to the fullest extent

QUADRUN optics™ - FULL CUTOFF optics (IES and IDA standards) with high efficient reflector system directs light beams exactly where needed for achieving cutting edge light performance

I-NFINITY driver™ - customized, intelligent driver for optimal operation with ultra energy efficient output

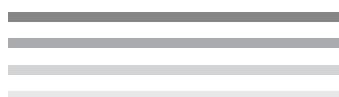
MATRIX 3D light™ - unique light shape with asymmetric distribution of luminosity for best possible light uniformity and optimal covering of surfaces

COOLVERT™ - uniquely optimized heat dissipation extends life time and preserves light performance

AEROCOMPACT housing™ - aerodynamic, ultra slim luminaire with robust housing from aluminium alloy enabling increased overall performance and extended lifetime

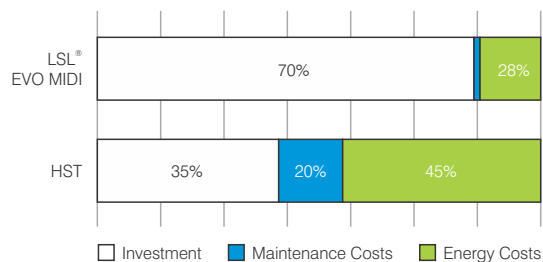
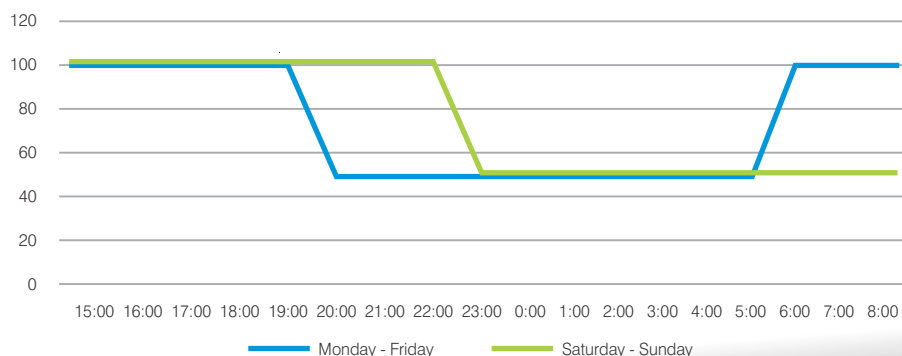
ULTRA COATING™ - life time multi layer protection of casing for excellent durability

DIMMING



50% dimming with power line.

The luminaire has also ability to regulate light current from 1-100% with a rudder signal from 1-10 V.



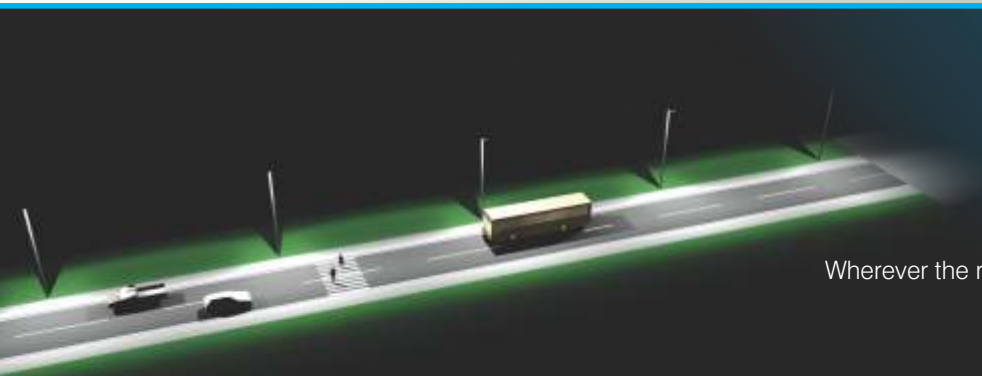
APPLICATION

- Urban traffic roads
- Collector roads
- Junctions
- Parking lots

- More demanding industrial buildings

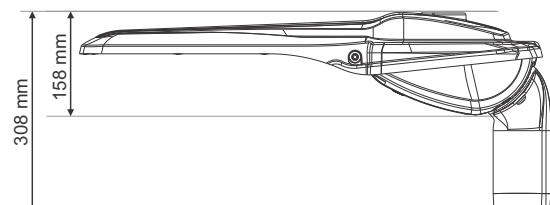
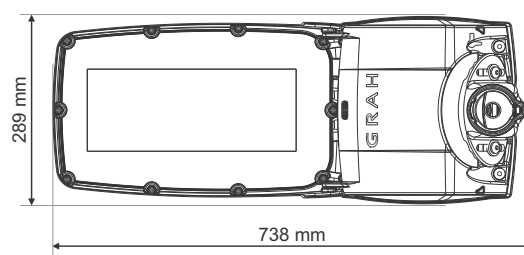
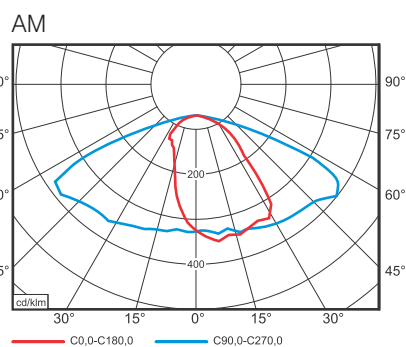
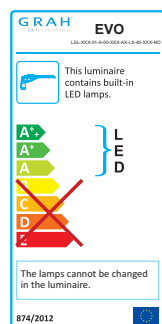
Wherever the required level of illumination is up to 1,5 cd/m²

Road category according to EN 13201





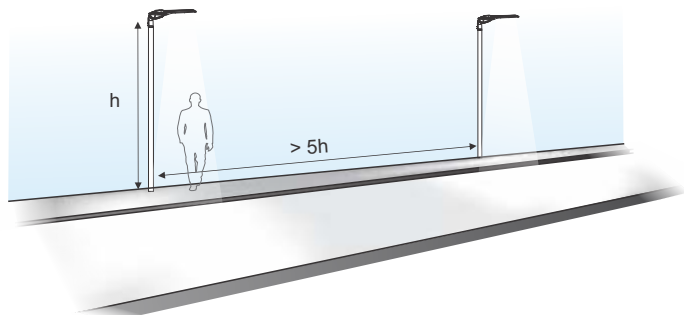
DIMENSIONS



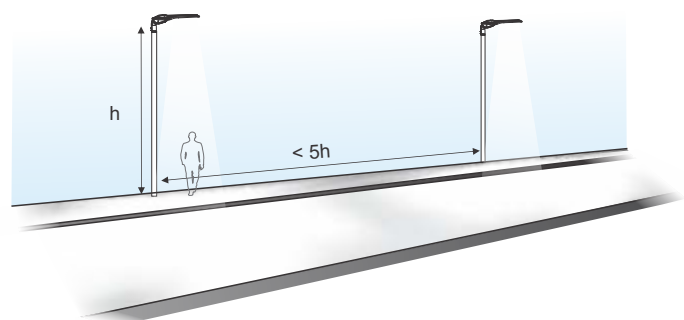
MOUNTING & MAINTENANCE

LSL® EVO series together with recommended mounting height offers optimal solutions for all applications.

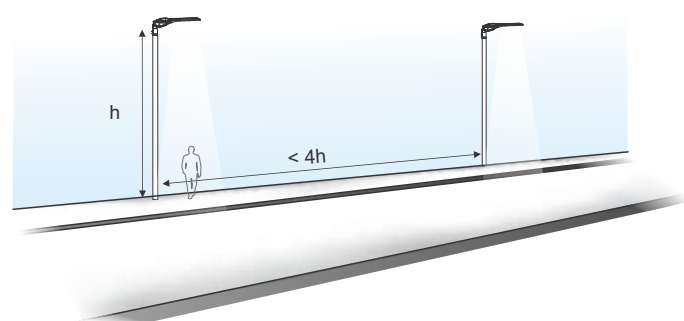
- Fast and universal mounting to a lamppost with a diameter of 60mm.
- Alternative mounting concepts possible on request.
- Mounting angle in the range of -15° to $+15^{\circ}$.
- Possible side-entry mounting.



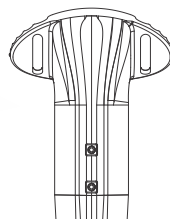
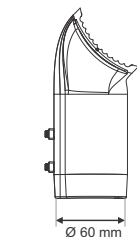
Optic 1



Optic 2



Optic 3



Distributor

GRAH[®]
LED LIGHTING

www.grahlighting.com

Manufacturer reserves all rights to make changes in materials and components used in its products. All data are subject to change without prior notification.

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