



# AEROLITE LSL® EVO

## efficiently illuminating your way

100



#### TECHNOLOGY

### 360° Approach

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



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

QUADRUM optics<sup>™</sup> - 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<sup>™</sup> - customized, intelligent driver for optimal operation with ultra energy efficient output

MATRIX 3D light<sup>™</sup> - 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<sup>™</sup> - aerodynamic, ultra slim luminaire with robust housing from aluminium alloy enabling increased overall performance and extended lifetime

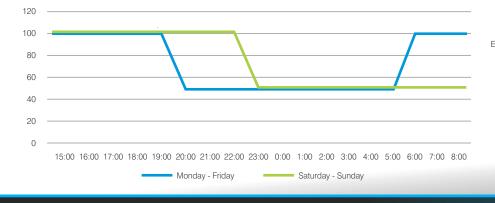
ULTRA COATING<sup>™</sup> - life time multi layer protection of casing for excellent durability

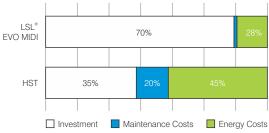


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50% dimming with power line.

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/m<sup>2</sup>
  - Road category according to EN 13201 •

#### TECHNICAL DATA

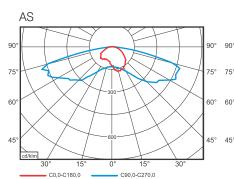
#### AEROLITE LSL® EVO MIDI

Light source	high power LEDs by Lumileds	
N / 16		
Voltage	110 – 250 V (50 – 60 Hz)	
	EL	HL
Power consumption (W)	35 - 105	25 - 148
Luminaire flux (Im)	3,600 - 10,800	2,600 - 17,000
Colour temperature	4000 K (other colour temperatures on request)	
Lifetime	Up to 100.000 hours	
Ingress protection	IP66	
Shock protection	IK09	
Protection class	l or ll	
Temperature range	-30 to +60 °C	
Operating temperature	+55 °C	
Material	Housing: aluminium alloy;	
	Housing sealing: silicone, heat resistant	
	Cover: Glass	
Housing colour	DB 703 and DB 702 (other colours on request)	
Dimming	0 % / 50 % / 1 – 10 V	
Photocell adapter	On request	
Weight	12 kg	
Product dimensions (LxWxH)	738 mm x 289 mm x 158 mm	

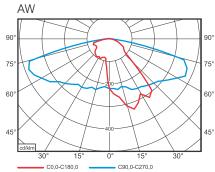


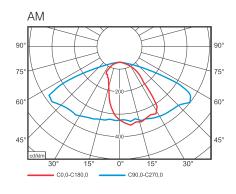


#### LIGHT DISTRIBUTION

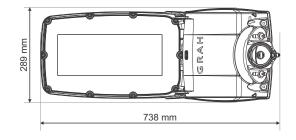


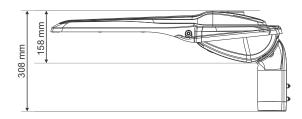






#### DIMENSIONS

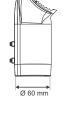




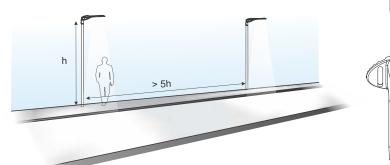
#### MOUNTING & MAINTENANCE

#### LSL<sup>®</sup> 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  $-15^{\circ}$  to  $+15^{\circ}$ .
- Possible side-entry mounting.

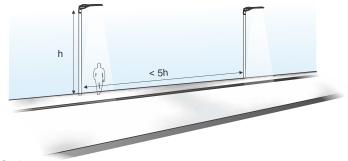




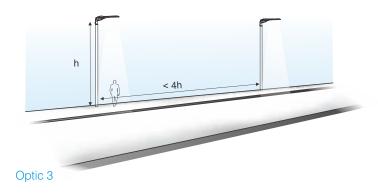




Optic 1



Optic 2





Distributo



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