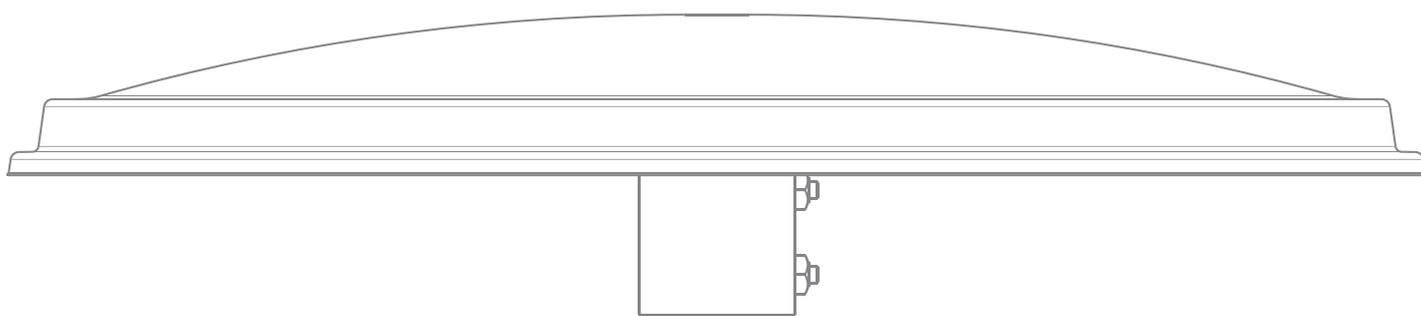


HIGH EFFICIENCY
LED RETRO LIGHTS



AEROLITE LRL[®]

108



Special design

Cutting edge light performance

Very low energy consumption

Environmentally friendly ECO technology

Old city centres, cultural sites and architectural lighting purposes

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

QUADRUM 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 symmetric 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

APPLICATION

- Old city centres
- Cultural sites
- Architectural lighting purposes



TECHNICAL DATA

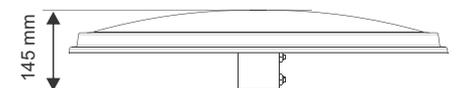
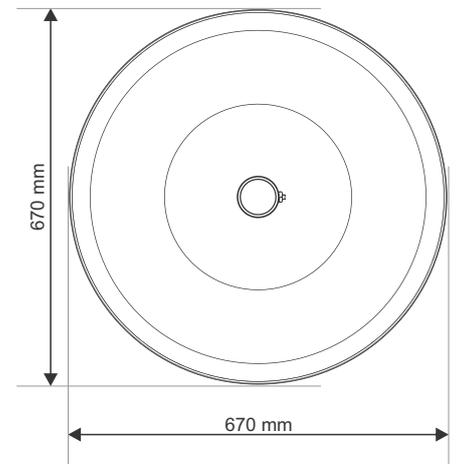
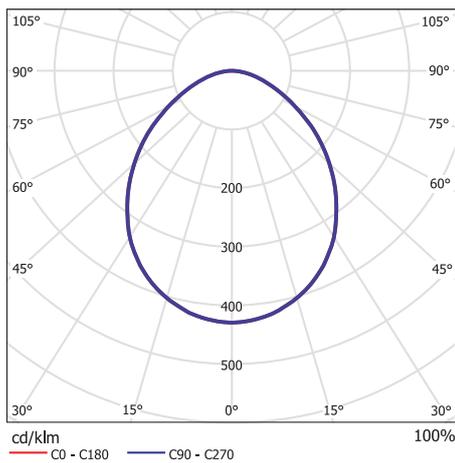
AEROLITE LRL® 108

Light source	108 Mid Power LEDs by Lumileds
Voltage	110 – 250 V (50 – 60 Hz)
Driving current	600 mA
Power consumption	38 W
Luminaire flux	2,500 lm
Colour temperature	3000 K (other colour temperatures on request)
Lifetime	60,000 – 100,000 hours
Ingress protection	IP65
Shock protection	IK08
Protection class	I
Temperature range	-30 to +60 °C
Operating temperature	+55 °C
Material	Housing: flow form aluminium Housing sealing: silicone, heat resistant Cover: PMMA glass
Housing colour	DB 703 (other colours on request)
RGB adapter	Possible on request
Weight	7.25 kg
Product dimensions (LxWxH)	670 mm x 670 mm x 145 mm



LIGHT DISTRIBUTION

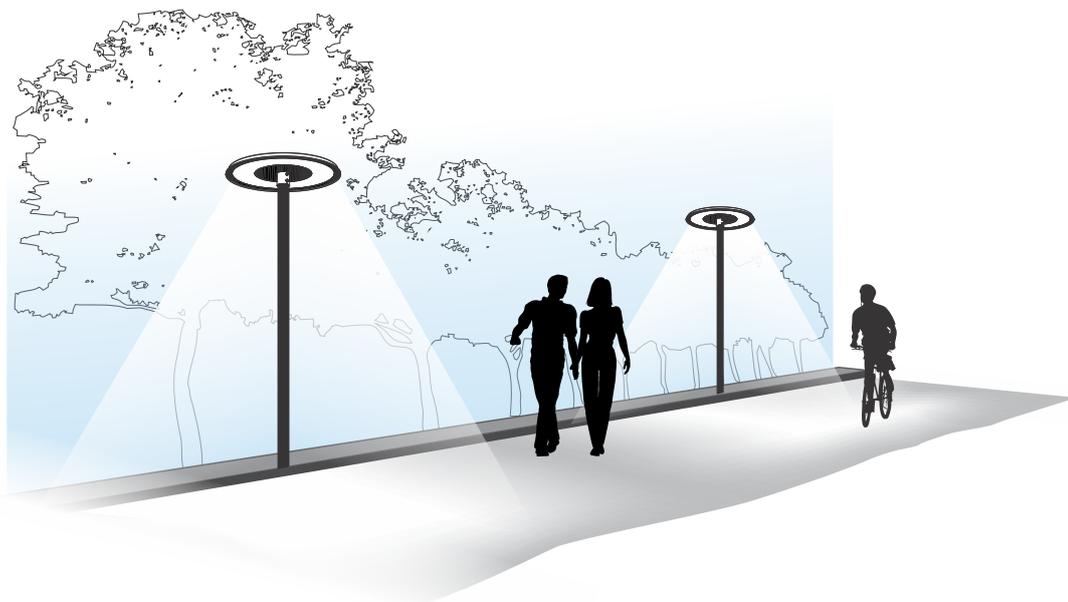
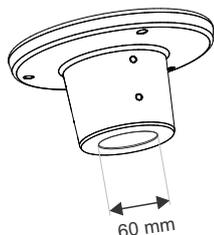
Symmetric, 2,500 lm



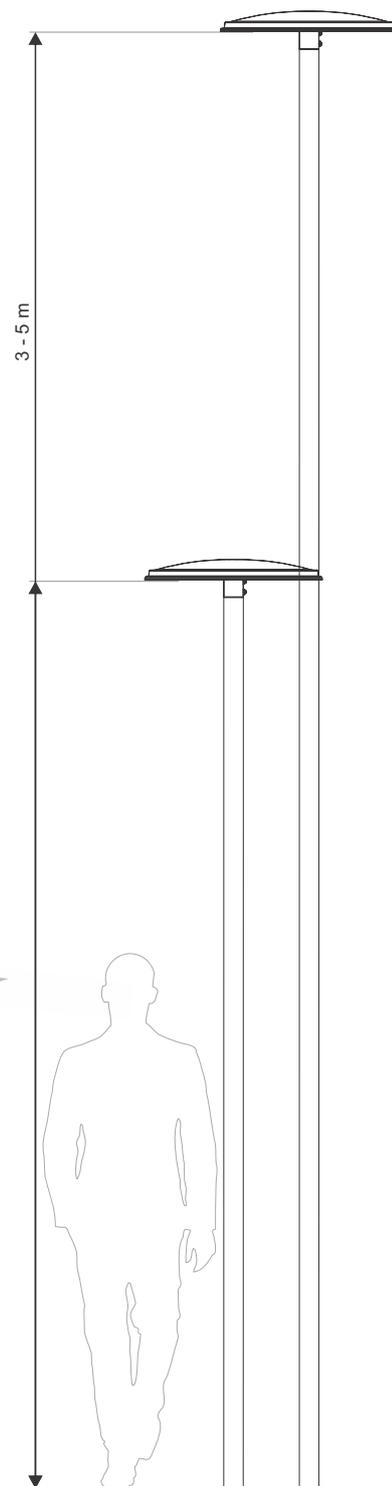
MOUNTING

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

- Fast and universal mounting to a lamppost with a diameter of 60 mm.
- Post-top mounting.
- Round shaped light output.
- Alternative mounting concepts possible on request.



Distributor



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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