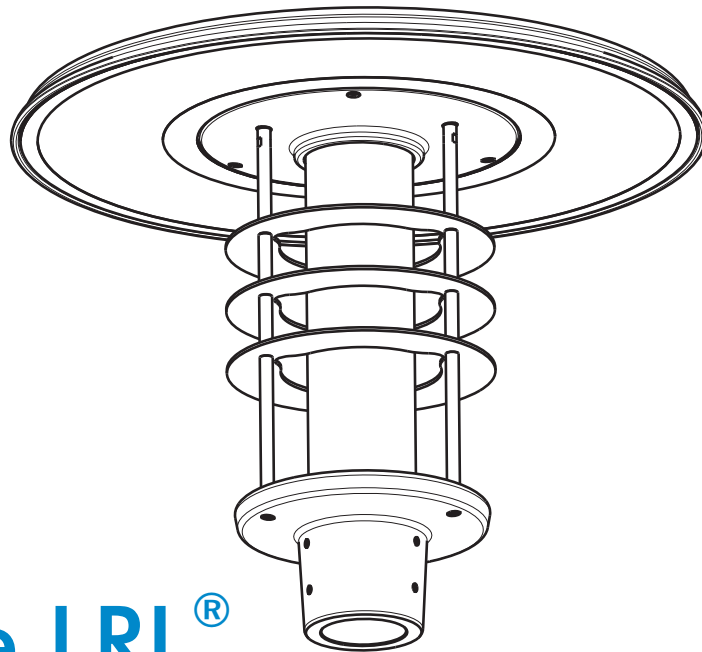


Technical Datasheet



Aerolite LRL[®]

High efficiency LED retro lights

Setting new standards in LED lighting

AEROLITE family is a group of currently one of the most advanced street LED luminaires on the global market with the best Quality-Price ratio.

LRL® luminaires combine the advantages of LSL® technology with elegantly refreshed traditional look and modern lighting technology. This group of products with different illumination characteristics comes in various design versions suitable for old city centres, cultural sites and architectural lighting purposes in traditional and urban landscapes.

They are available in different groups of products.

Application

- Developed and designed to meet environment approach and recommended as required illuminance for old city centers, cultural sites and architectural lighting purposes in traditional and urban landscapes

Housing

- Robust housing from aluminium alloy
- Increased overall performance and extended lifetime
- Water proof with IP65

LED and optics

- One of the best quality LEDs on the market
- Optimized LED modules exploiting every LED source to the fullest extent
- Unique light shape
- Human eye friendly light brightness of 3000K
- Customized, intelligent driver for optimal operation with ultra energy efficient output

Lumen maintenance

- System rating is L80 at 60.000 hours. For more information please contact manufacturer for Lxx rating

Ratings and protection

- Suitable for most weather situations
- IP65 ingress protection rate
- Temperature range at -30° to +60°C
- Shock and impact resistant IK08

Mounting

- Fast and universal post top mounting with diameter of 60 or 76 mm
- Alternative mounting concepts possible on request

Visual appearance

- Corrosion resistant aluminium alloy
- Aerodynamic ultra slim design
- DB 703
- Custom colors on request

Electronics

- 110-250 volt
- Customized driver for optimal operation with ultra energy efficient output
- Dimming options with 50% or 100% with control signal of 1- 10V

Warranty

- 5-year standard warranty

Technical Datasheet

Lamp type order logic



Aerolite

LRL30 - 01 - A - 00 - 015 - SS - LS - 4200 - 033 - C

Product ID	Safety Class	Voltage	Dim Option	Lumen Code	LED Type*	Kelvin	Optic Pattern	Option
L=LED	01=SC1	A=110-250V	00=NO		LS	42=4200K	SS=Symmetric	C=Cylindrical
R=Retro			05=50%			30=3000K		K - Conical
L=Light			10=1-10V Signal					

Lumen Code	LED	LED Number	Lumen Output	Driving Current	Consumption in Watt	Kelvin
015	LS	30	1500	350mA	33	3000

Options

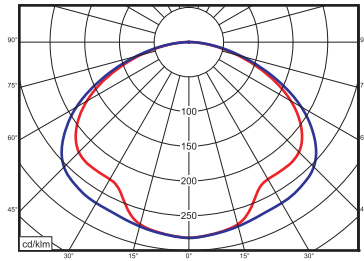
Type	Visual	Description	Side and Top view
Cylindrical		Dimension: 650 x 650 x 560mm Net weight: 18,00kg Mounting height: 3-5m Mounting diameter: Ø60 and Ø76 For street with 0,5cd requirement	
Conical		Dimension: 650 x 650 x 560mm Net weight: 18,00kg Mounting height: 3-5m Mounting diameter: Ø60 and Ø76 For street with 0,5cd requirement	

Technical Datasheet

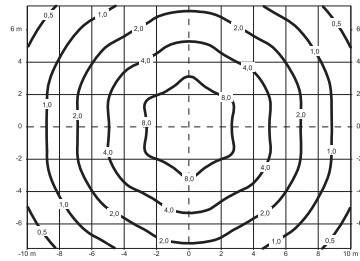
Photometric data



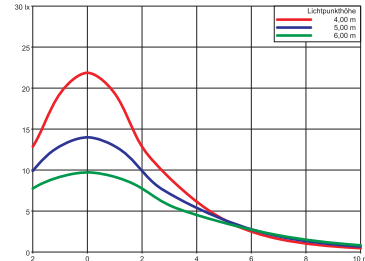
Symmetric, LS, 1500lm, 3000K



Intensity distribution / polar



Isolux diagram



Ground lighting curve

Technical Datasheet

General information



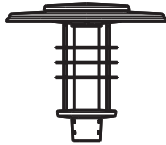
Description:	LED Retro Light (LRL)
Current range:	110-250V (50/60Hz)
Driver:	350mA Driver integrated into the lamp Consumption: 33W
Temperature:	Temperature range: -30°C to +60°C Working temperature: +55°C
Light guiding system:	Lenses Optics: Symmetric
Power reduction:	NO, 50% and 100% reduction Intelligent control system on request
Overcurrent security:	Yes
Light source:	80lm/W LED High power (Lumileds Rebel) LED modules integrated into the lamp - not exchangeable Color temperature: 3000K (4200K on request) Min. 60.000 hours at ambient temperature
Lumen flux:	1.500lm
Safety class:	Class I
Material:	Housing: Aluminium alloy Sealing: Silicone, heat resistant Cover: PMMA
Housing color:	DB 703 (Other colors on request)
Protection class:	IP65
Shock protection:	IK08
Design:	Shape for best heat conductivity and water flow
Mounting:	Pole diameter options: Ø60 and Ø76 More mounting options available on request
Dimension:	650 x 650 x 560mm
Net weight:	18,00kg

Technical Datasheet

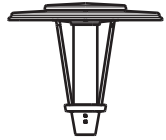
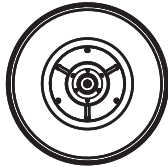
General information



Lighting fixture

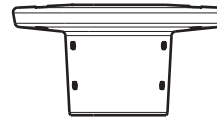


Aerolite LRL[®]30 - Cylindrical
Dimension: 650 x 650 x 560mm
Net weight: 18,00kg
Light source: 30LED
Lumen flux: 1500lm
Consumption: 33W



Aerolite LRL[®]30 - Conical
Dimension: 650 x 650 x 560mm
Net weight: 18,00kg
Light source: 30LED
Lumen flux: 1.800lm
Consumption: 33W

Mounting diameter



Additional adapter possible for mounting on Ø 60 pole diameter

0° Ø 76

Certificates

IP 65



Produced in Accordance with Automotive ISO/TS 16949 standards

Contact data

For more information



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LED LIGHTING