

ALURA LED



Designer : Michel Tortel



Ambiance lighting, combining comfort and efficiency

The ALURA LED luminaire combines efficiency, aesthetics and visual comfort. With its timeless elegance and its high performance photometry, this luminaire is a distinctive tool to light urban centres, squares, bike paths, residential streets and car parks.

Available with a striated polycarbonate protector, ALURA LED creates a warm ambiance while generating significant energy savings. It ensures safety and well-being in the public space in the most sustainable way.

IP 66	IK 10	
	CE	UK CA
		UL 1598 CSA C22.2 No. 250.0
	ZD ⁴	 Certified by DarkSky.org



Concept

Composed of high-quality recyclable materials, the ALURA LED is built to last.

The base section, bracket arms, top cover and cover plug are composed of aluminium. The polycarbonate protector features an elegant sanded striated design for a unique light signature.

Using state-of-the-art technology, ALURA LED is FutureProof: the optical unit or the control gear can be replaced at any time to take advantage of future technological improvements.

ALURA LED takes advantage of the latest photometric innovations. It uses the LensoFlex®4 photometric engines, which have been developed around the ideas of performance, compactness, versatility and standardisation.

ALURA LED is designed for post-top mounting onto a Ø60mm spigot. The fixation on the pole is done with 2 M8 screws with a specific base section.

ALURA LED is connected-ready and can operate with various sensors and control systems.



ALURA LED with sanded striated protector



ALURA LED is available with a wide range of LensoFlex® optics

TYPES OF APPLICATION

- URBAN & RESIDENTIAL STREETS
- BRIDGES
- BIKE & PEDESTRIAN PATHS
- RAILWAY STATIONS & METROS
- CAR PARKS
- SQUARES & PEDESTRIAN AREAS

KEY ADVANTAGES

- Low energy consumption
- Elegant design for low height installation
- Visual comfort
- Robust materials
- Connected-ready
- LensoFlex®4 versatile solutions for high-end photometries maximising comfort and safety
- Connected ready NEMA



ALURA LED comes equipped as standard with a 7-pin NEMA socket.



ALURA LED is designed for mounting on a Ø60mm spigot

GENERAL INFORMATION

Recommended installation height	3m to 5m 10' to 16'
FutureProof	Easy replacement of the photometric engine and electronic assembly on-site
Driver included	Yes
ROHS compliant	Yes
Dark Sky friendly lighting (IDA certification)	Yes
Zhaga-D4i certified	Yes
RCM mark	Yes
Testing standard	AS/NZS 60598.1 EN 62262 LM 79-08 (all measurements in ISO17025 accredited laboratory) IEC 62493, IEC 62471

HOUSING AND FINISH

Housing	Aluminium
Optic	PMMA
Protector	Polycarbonate
Housing finish	Polyester powder coating
Standard colour(s)	RAL 9005 Jet Black textured, RAL 7043 Traffic Grey textured
Tightness level	IP 66
Impact resistance	IK 10
Vibration test	Compliant with modified IEC 68-2-6 (0.5G)
Access for maintenance	Direct access to the gear compartment by loosening screws on the top cover

OPERATING CONDITIONS

Operating temperature range (Ta)	-30°C up to +35°C / -22°F up to 95°F
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· Depending on the luminaire configuration. For more details, please contact us.

ELECTRICAL INFORMATION

Electrical class	Class I
Nominal voltage	220-240V – 50-60Hz
Surge protection options (kV)	10
Electromagnetic compatibility (EMC)	AS/NZS CISPR15 / EN 61000-4-5 / EN 61547
Control protocol(s)	DALI-2
Socket	NEMA 7-pin Zhaga (optional)
Associated control system(s)	Schröder EXEDRA
Sensor	Devices & sensors for Smart City applications

OPTICAL INFORMATION

LED colour temperature	3000K (WW 830) 4000K (NW 840)
Colour rendering index (CRI)	>80 (WW 830) >70 (NW 840)
ULOR	<2%

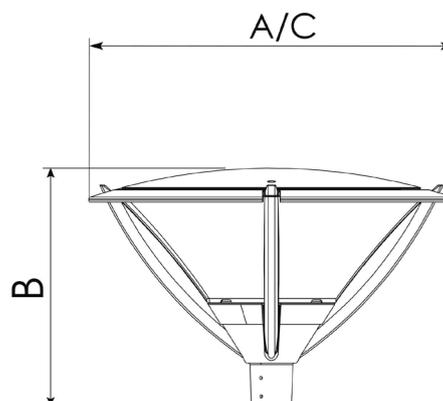
- Meets IDA Dark Sky requirements when fitted with LEDs of 3000K or less.
- ULOR may be different according to the configuration. Please consult us.

LIFETIME OF THE LEDS @ TQ 25°C

All configurations	100,000h - L95
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DIMENSIONS AND MOUNTING

AxBxC (mm inch)	695x456x695 27.4x18.0x27.4
Weight (kg lbs)	15.0 33.0
Aerodynamic resistance (CxS)	0.12
Mounting possibilities	Post-top slip-over – Ø60mm

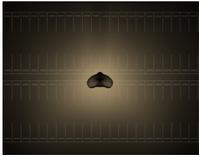
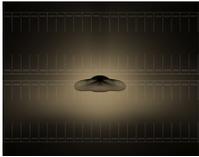
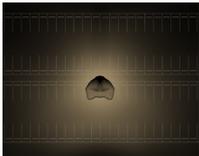




Product code	Description	Lumen output	Current (mA)	Power (W)	Optic*	Beam Distribution	Render
ALU40L35112	ALURA 40L350MA 830 5304SY N7 5M LEAD RAL9005T	4334	350	43.5	5304SY	MEDIUM SYMMETRIC	
ALU40L60112	ALURA 40L600MA 830 5304SY N7 5M LEAD RAL9005T	6731	600	75	5304SY	MEDIUM SYMMETRIC	
ALU40L35111	ALURA 40L350MA 830 5304SY N7 5M LEAD RAL7043T	4334	350	43.5	5304SY	MEDIUM SYMMETRIC	
ALU40L60111	ALURA 40L600MA 830 5304SY N7 5M LEAD RAL7043T	6731	600	75	5304SY	MEDIUM SYMMETRIC	
ALU40L35122	ALURA 40L350MA 830 5308SY N7 5M LEAD RAL9005T	4215	350	43.5	5308SY	WIDE SYMMETRIC	
ALU40L60122	ALURA 40L600MA 830 5308SY N7 5M LEAD RAL9005T	6545	600	75	5308SY	WIDE SYMMETRIC	
ALU40L35121	ALURA 40L350MA 830 5308SY N7 5M LEAD RAL7043T	4215	350	43.5	5308SY	WIDE SYMMETRIC	
ALU40L60121	ALURA 40L600MA 830 5308SY N7 5M LEAD RAL7043T	6545	600	75	5308SY	WIDE SYMMETRIC	
ALU40L35132	ALURA 40L350MA 830 5393SY N7 5M LEAD RAL9005T	4228	350	43.5	5393SY	ULTRA WIDE SYMMETRIC	
ALU40L60132	ALURA 40L600MA 830 5393SY N7 5M LEAD RAL9005T	6566	600	75	5393SY	ULTRA WIDE SYMMETRIC	
ALU40L35131	ALURA 40L350MA 830 5393SY N7 5M LEAD RAL7043T	4228	350	43.5	5393SY	ULTRA WIDE SYMMETRIC	
ALU40L60131	ALURA 40L600MA 830 5393SY N7 5M LEAD RAL7043T	6566	600	75	5393SY	ULTRA WIDE SYMMETRIC	
ALU40L35142	ALURA 40L350MA 830 5301 N7 5M LEAD RAL9005T	3999	350	43.5	5301	NARROW	
ALU40L60142	ALURA 40L600MA 830 5301 N7 5M LEAD RAL9005T	6210	600	75	5301	NARROW	
ALU40L35141	ALURA 40L350MA 830 5301 N7 5M LEAD RAL7043T	3999	350	43.5	5301	NARROW	
ALU40L60141	ALURA 40L600MA 830 5301 N7 5M LEAD RAL7043T	6210	600	75	5301	NARROW	

* This is just a selection of the photometrical solutions available. For more information, please contact your sales representative.



Product code	Description	Lumen output	Current (mA)	Power (W)	Optic*	Beam Distribution	Render
ALU40L35152	ALURA 40L350MA 830 5304 N7 5M LEAD RAL9005T	4334	350	43.5	5304	MEDIUM	
ALU40L60152	ALURA 40L600MA 830 5304 N7 5M LEAD RAL9005T	6731	600	75	5304	MEDIUM	
ALU40L35151	ALURA 40L350MA 830 5304 N7 5M LEAD RAL7043T	4334	350	43.5	5304	MEDIUM	
ALU40L60151	ALURA 40L600MA 830 5304 N7 5M LEAD RAL7043T	6731	600	75	5304	MEDIUM	
ALU40L35162	ALURA 40L350MA 830 5308 N7 5M LEAD RAL9005T	4215	350	43.5	5308	WIDE	
ALU40L60162	ALURA 40L600MA 830 5308 N7 5M LEAD RAL9005T	6545	600	75	5308	WIDE	
ALU40L35161	ALURA 40L350MA 830 5308 N7 5M LEAD RAL7043T	4215	350	43.5	5308	WIDE	
ALU40L60161	ALURA 40L600MA 830 5308 N7 5M LEAD RAL7043T	6545	600	75	5308	WIDE	
ALU40L35172	ALURA 40L350MA 830 5393 N7 5M LEAD RAL9005T	4228	350	43.5	5393	ULTRA WIDE	
ALU40L60172	ALURA 40L600MA 830 5393 N7 5M LEAD RAL9005T	6566	600	75	5393	ULTRA WIDE	
ALU40L35171	ALURA 40L350MA 830 5393 N7 5M LEAD RAL7043T	4228	350	43.5	5393	ULTRA WIDE	
ALU40L60171	ALURA 40L600MA 830 5393 N7 5M LEAD RAL7043T	6566	600	75	5393	ULTRA WIDE	

* This is just a selection of the photometrical solutions available. For more information, please contact your sales representative.

Configuration Options:

- 840 CRI80 4000K
- BL or GL Backlight Limiter or Glare Limiter
- D Internal Diffuser
- RAL9006B RAL9006B White Aluminium Gloss
- Finish