

Innovative design options to provide visual integration with the environment. high brightness, LED Light source do not pose any environment risks. Designed for highest efficiency in terms of more lumens at reduced wattages contributing to a Greener World. Long life span with very low maintenance. Waco comes in three different sizes, together with an adjustable angle.

Product Description

- Luminaire made of pressure die cast aluminium alloy of high corrosion resistance and non corrosive stainless steel fasteners.
- The front frame of the luminaire is hinged for easy open and ease of maintenance with the luminaire in position.
- Clear tempered glass.
- High light transmittance optical lens.
- Suitable for mounting on to 60 / 76 mm dia pipe at lateral (side entry) and vertical (top mount) and adjustable angle -15° to +15°.
- Cable entries for through-wiring of mains supply cable.
- Integral constant current power supply
- CRI (Ra) : ≥80
- Prewired with LED driver and suitable for operating on 240V, 50Hz single phase ac supply.
- Ordering guide : KL-4291-CCT (Colour Temperature)
- Available CCT : 3000K, 4000K, 5700K



Product Benefits

- High luminous efficiency at reduced wattage.
- Functionally versatile, strong and stable.
- Corrosion resistant and maintenance free.
- Quick installation and low assembly costs.
- Sustainable LED technology offers durability and optimal light output with low power consumption.

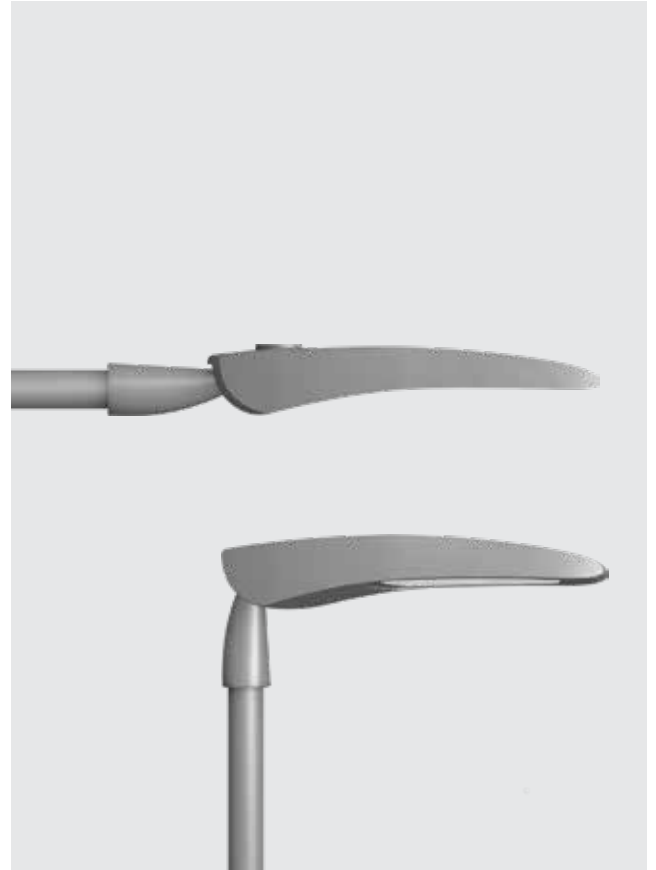
Area of Application

Illuminating parks, Gardens, Commercial complex, Private driveways, Street lighting, Smaller roadways, Residential area lighting, Roads and highways, Expressways, Highways, Courtyards.

Available Finish

Pure polyester powder coated

- Graphite grey
- Anthracite grey
- Jet black





Technical Specifications

General

ID	: 4291
System Wattage	: 60W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body	: Pressure Die Cast Aluminium
Diffuser	: Clear Tempered Glass
Mounting	: Suitable for mounting Horizontal & Vertical on 60mm OD pipe
Finish	: Powder coated Graphite grey Anthracite grey / Jet black

Light Source

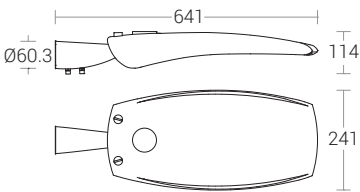
Light Source	: NICHIA / LUMILEDS
LED Lumens	: 9000 lm
CRI (Ra)	: >80
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

Power Supply	: Integral
Power Factor	: >0.96
THD	: <10%
Surge Protection	: 6KV
Efficiency	: >88%

Optical Performance

Optical Distribution	: Type IV
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Technical Specifications

General

ID	: 4292
System Wattage	: 120W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body	: Pressure Die Cast Aluminium
Diffuser	: Clear Tempered Glass
Mounting	: Suitable for mounting Horizontal & Vertical on 60mm OD pipe
Finish	: Powder coated Graphite grey Anthracite grey / Jet black

Light Source

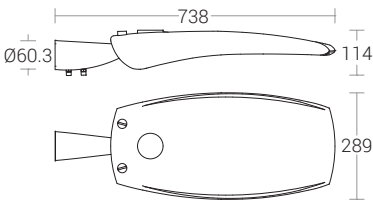
Light Source	: NICHIA / LUMILEDS
LED Lumens	: 18000 lm
CRI (Ra)	: >80
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

Power Supply	: Integral
Power Factor	: >0.90
THD	: <10%
Surge Protection	: 6KV
Efficiency	: >85%

Optical Performance

Optical Distribution	: Type IV
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BIS	CE	IP65	IK08	60,000 h L70 B10	SDCM ≤ 3	100-277V
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Technical Specifications

General

ID	: 4290
System Wattage	: 200W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body	: Pressure Die Cast Aluminium
Diffuser	: Clear Tempered Glass
Mounting	: Suitable for mounting Horizontal & Vertical on 76mm OD pipe
Finish	: Powder coated Graphite grey Anthracite grey / Jet black

Light Source

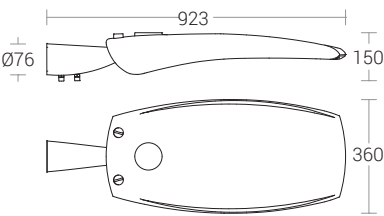
Light Source	: NICHIA / LUMILEDS
LED Lumens	: 30000 lm
CRI (Ra)	: >80
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

Power Supply	: Integral
Power Factor	: >0.96
THD	: <10%
Surge Protection	: 6KV
Efficiency	: >88%

Optical Performance

Optical Distribution	: Type IV
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BIS	CE	IP65	IK08	60,000 h L70 B10	SDCM ≤ 3	100-277V
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