Pelican Fort street light luminaires is a special purpose outdoor luminaire, integral model, totally weather proof aesthetically contoured. Improved long lasting protection against ingress of dust / moisture / insects inside optical compartment with top opening facility for maintenance.

Product Description

• Luminaire comprises of specially contoured spun aluminium body featuring high strength and anti corrosion.
• Non yellowing, UV stabilised, Clear V acrylic / Clear V Polycarbonate diffuser
• EPDM gasket.
• Luminaire integrated with 50W LED.
• Suitable for mounting to internally threaded pipe of designation M30.
• Cable entries for through-wiring of mains supply cable.
• Integral constant current power supply
• Suitable for operation on 240V, 50Hz single phase ac supply.
• Ordering guide : KL-6791-CCT (Colour Temperature)
• Available CCT : 2700K, 3000K, 4000K, 5700K

BIS	CE	⏚	IP65	IK05	>72,000 h L70 B10	SDCM ≤ 3

Product Benefits

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

Area of Application

Street Lighting, Expressways, Private driveways, Residential Area Lighting, Public area lighting like parks & Squares

Available Finish

Pure polyester powder coated
• Graphite grey
• Anthracite grey
• Jet black

Diffuser Options

A9 - Clear Acrylic   A12 - Clear Polycarbonate

Technical Specifications

General

ID	: 6791
System Wattage	: 50W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60Hz
Operaring Voltage	: 100-277Vac
Opaerating Temperature	: -15°C~+50°C

Physical

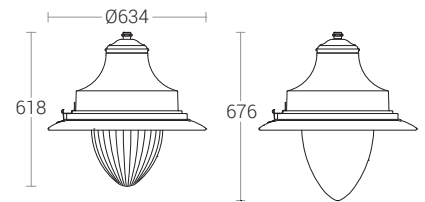|	
Body	: Spun Aluminium
Diffuser	: Clear acrylic (A9) / Clear Polycarbonate (A12)
Mounting	: Suitable for mounting to internally threaded pipe of designation M30
Finish	: Powder coated Graphite grey / Jet black Anthracite grey

Light Source

Light Source	: OSRAM / LUMILED
CRI (Ra)	: >70
LED Colour Temperature	: 2700K / 3000K / 4000K 5700K

Driver

Power Supply	: Integral
Power Factor	: >0.95
THD	: <10%
Surge Protection	: 6KV
Efficiency	: >85%

Optical Performance

Optical Distribution	: Type IV

BIS | CE | IP65 | IK05 | >72,000 h L70 B10 | SDCM ≤ 3

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Pelican Fort street light luminaires is a special purpose outdoor luminaire, integral model, totally weather proof aesthetically contoured. Improved long lasting protection against ingress of dust / moisture / insects inside optical compartment with top opening facility for maintenance.

Product Description

• Luminaire comprises of specially contoured spun aluminium body featuring high strength and anti corrosion.
• Non yellowing, UV stabilised, Clear V acrylic / Clear V Polycarbonate diffuser
• EPDM gasket.
• Luminaire integrated with 100W LED.
• Suitable for mounting to internally threaded pipe of designation M30.
• Cable entries for through-wiring of mains supply cable.
• Integral constant current power supply
• Suitable for operation on 240V, 50Hz single phase ac supply.
• Ordering guide : KL-6799-CCT (Colour Temperature)
• Available CCT : 2700K, 3000K, 4000K, 5700K

BIS	CE	⏚	IP65	IK05	>72,000 h L70 B10	SDCM ≤ 3

Product Benefits

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

Area of Application

Street Lighting, Expressways, Private driveways, Residential Area Lighting, Public area lighting like parks & Squares

Available Finish

Pure polyester powder coated
• Graphite grey
• Anthracite grey
• Jet black

Diffuser Options

A9 - Clear Acrylic

A12 - Clear Polycarbonate

Technical Specifications

General

ID	: 6799
System Wattage	: 100W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60Hz
Operaring Voltage	: 100-277Vac
Opaerating Temperature	: -15°C~+50°C

Physical

Body	: Spun Aluminium
Diffuser	: Clear acrylic (A9) / Clear Polycarbonate (A12)
Mounting	: Suitable for mounting to internally threaded pipe of designation M30
Finish	: Powder coated Graphite grey / Jet black Anthracite grey

Light Source

Light Source	: LUMILED / OSRAM
CRI (Ra)	: >70
LED Colour Temperature	: 2700K / 3000K / 4000K 5700K

Driver

Power Supply	: Integral
Power Factor	: >0.95
THD	: <10%
Surge Protection	: 6KV
Efficiency	: >85%

Optical Performance

Optical Distribution	: Type IV

BIS	CE	⏚	IP65	IK05	>72,000 h L70 B10	SDCM ≤ 3

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