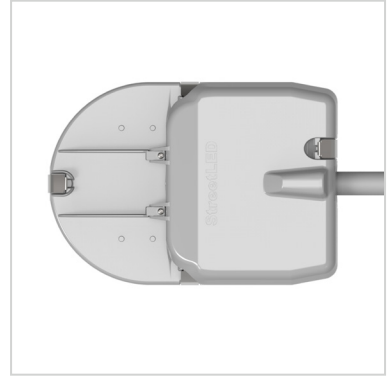
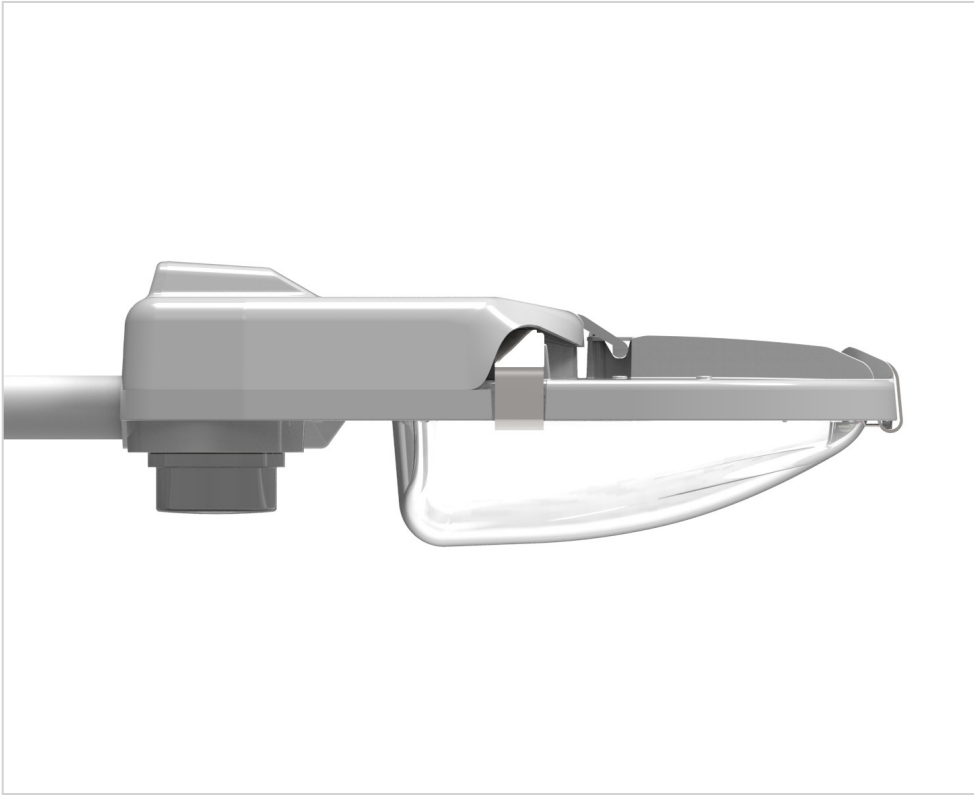


SYLVANIA STREETLED MK3



SYLVANIA

The smart choice for urban roads

Engineered and crafted in Australia, the StreetLED MK3 is a high performance luminaire designed specifically to meet Australian/New Zealand minor road lighting requirements.

The optical system with LED light source is optimised to provide the maximum spacing complying with AS1158-3.1 Category P.

The optical chamber sealed to IP66 ingress protection and the self-cleaning visor minimises light loss due to dirt accumulation, reducing maintenance and resulting in a high energy efficient luminaire.

Perfect for one-for-one replacement for legacy fittings including 70W HPS, 80W MV, 32/42W CFL, 2 x 14W T5, 2 x 24W T5.

OPTIC & CONTROL GEAR

IP 66

IK 06



CONNECTION CHAMBER

IP 24



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



SQUARES & PEDESTRIAN AREAS



CAR PARKS



LARGE AREAS



ROADS & MOTORWAYS

MAIN APPLICATIONS

- Urban and residential streets
- Bike and pedestrian paths
- Squares and pedestrian areas
- Car parks
- Large areas
- Roads and motorways

KEY ADVANTAGES

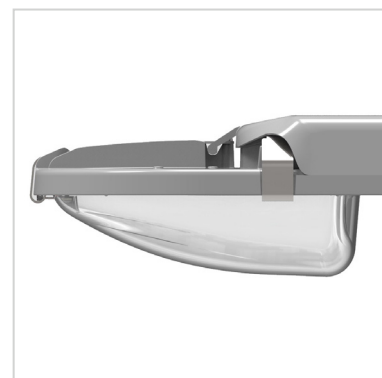
- High performance roadway luminaire, designed specifically to meet Australian/New Zealand Road Lighting Standards, complying with both AS/NZS 60598.2.3 & AS/NZS TS 1158.6
- The optics and LED light source are optimised to provide maximum spacings for compliance with AS1158-3.1 Category P
- Optical chamber sealed to IP66 ingress protection
- IK06, IK10 (optional)
- Self-cleaning visor minimises light loss due to dirt accumulation, resulting in a highly energy efficient and low maintenance luminaire
- CRI >70
- Ambient temperature 40°C
- 20 year design life
- Available in Colour Temperature of 4000K standard, 3000K & 2200K optional
- VEET approved (applies to certain models)

OPTIONS:

- Polyester powdercoat finish in various RAL and DULUX colours
- NEMA PE cell
- Visor options - Aeroscreen and standard
- Anti-Glare visors and louvers
- 5° Tilt Adjustment Adapter



Toggle latch for tool-less entry



Semi cut-off self cleaning visor



NEMA 7 pin base for smart city (IoT) readiness



5° Tilt Adjustment Adapter for Spigots. Ensures that correct tilt can be achieved if the original pole outreach angle is incorrect.

SCS is focused on Smart Control technologies, delivering solutions to clients that enable these Smart LED luminaires to become smarter.

The equipped NEMA sockets on the luminaire connects a Smart Light Point Controller/ Node with an easy twist and lock mechanism. The Light Point Controllers enables these luminaires to be connected to a dedicated network and a User-Interface on a computer, which allows these luminaires to be remotely managed.

Key benefits:



Constant Light Output (CLO)

Additional energy savings (over 20%) by using the Constant Light Output (CLO) and Virtual Light Output (VLO) functionality



Dimming schedules

Reducing the amount of light when not required, thereby reducing light glow as well as get further energy savings



Pro-active maintenance

The system reports errors and failures as they occur, helping to repair/ restore the luminaires pro-actively



Smart City devices

Connect additional Smart City devices including Air-quality monitors, Noise sensors, Motion sensors etc



For more information on smart controls contact: info@scs-schreder.com

GENERAL INFORMATION

| | |
|--|--|
| Recommended installation height | 4m to 7.5m 13' to 25' |
| Driver included | Yes |
| RCM Mark | Yes |
| ROHS compliant | Yes |
| Dark Sky friendly lighting (IDA certification) | Yes |
| Testing standard | EMC compliant: AS/NZS CISPR15 Luminaires Performance: AS/NZS 60598.1 & AS/NZS 60598.2.3 Lighting for Roads and Public Spaces: SA/SNZ TS 1158.6 |

HOUSING AND FINISH

| | |
|------------------------|---|
| Housing | Pressure die cast aluminium body |
| Optic | Polycarbonate |
| Protector | Acrylic |
| Housing finish | Grey polyester powdercoat finish as standard (other colours available on request) |
| Standard colour(s) | RAL 9006 Any other RAL color on request |
| Tightness level | IP66 - Optic & Gear Chamber IP24 Connection Chamber |
| Impact resistance | IK06 for standard visor IK10 (optional) |
| Vibration test | Compliant with AS1158.6:2015, AS60068.2.6:2003 |
| Access for maintenance | Tool-less |

PERFORMANCE

| | |
|----------------|-----------|
| Lumen efficacy | 125lm/s/w |
|----------------|-----------|

ELECTRICAL INFORMATION

| | |
|-------------------------------------|--|
| Electrical class | Class I / Class II |
| Nominal voltage | 220V-240V – 50Hz/60Hz |
| Power factor (at full load) | > 0.9 |
| System wattage | 13.7W-24W |
| Surge protection options (kV) | 10kV |
| Electromagnetic compatibility (EMC) | AS/NZS CISPR15 |
| Control protocol(s) | DALI or 1-10V |
| Socket(s) | NEMA 7 pin or Zhaga BOOK 18 4 pin receptacle with 24V control |
| Sensor(s) | Devices & sensors for smart city applications |

OPTICAL INFORMATION

| | |
|----------------------------------|----------------------|
| LED colour temperature | 2200K, 3000K, 4000K, |
| Colour rendering index (CRI) | > 70 |
| Upward Light Output Ratio (ULOR) | 0% |

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

OPERATING CONDITIONS

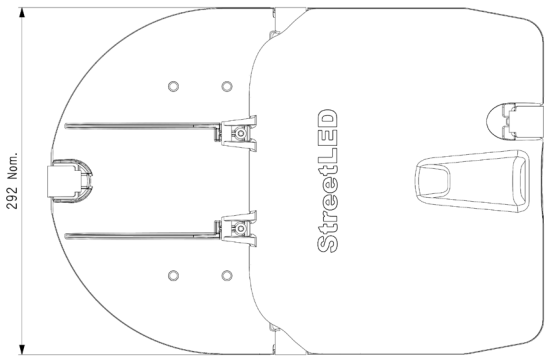
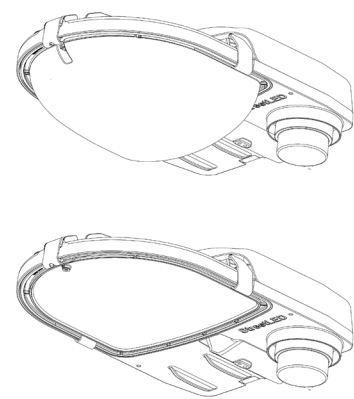
| | |
|---------------------------------------|-------------------|
| Temperature range from operation (Ta) | -10°C up to +40°C |
|---------------------------------------|-------------------|

(*) Depending on the configuration of the luminaire. For more details, contact us.

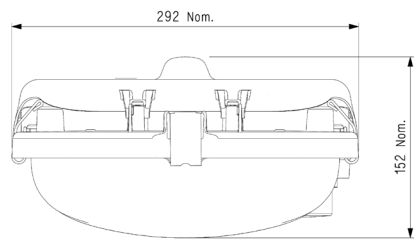
LIFETIME OF THE LEDS @ TQ 40°C

| | |
|--------------------|---------------|
| All configurations | 88,000h - L95 |
|--------------------|---------------|

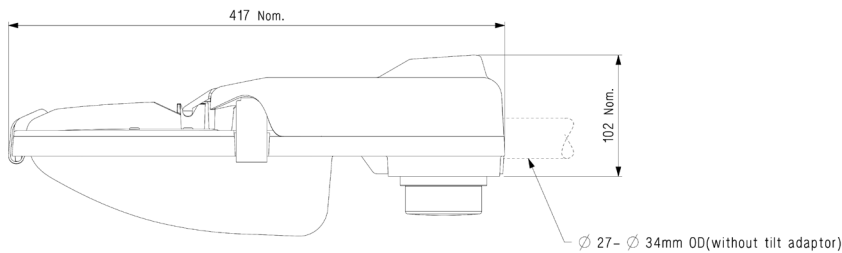
| DIMENSIONS AND MOUNTING | |
|-------------------------|---|
| L x W x H (mm) | 417 x 292 x 152 |
| Weight (kg) | 4.5 |
| Mounting possibilities | 27-34mm OD with 5° Tilt Adaptor 27-42mm OD without 5° Tilt Adaptor |



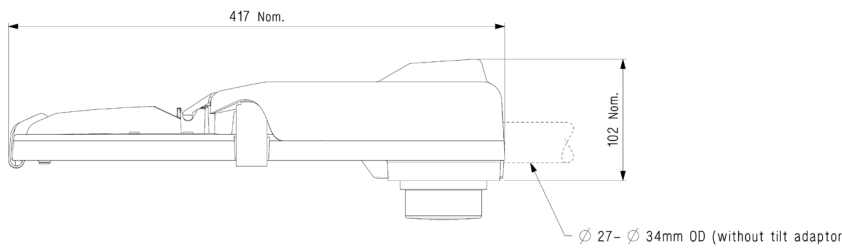
Top View
Projected Area 0.11M²



Front View



Side View with Standard Visor
Projected Area 0.04M²



Side View with Aeroscreen Visor
Projected Area 0.03M²



| Product Code | Name | Beam Dist. | System Power (W) |
|--------------|-------------------------------|------------|------------------|
| JLC99Z05L17 | STREETLED MK3 17W 4K PESN7 | TYPE 3 | 17 |
| JLC99Z15L17 | STREETLED MK3 17W 4K PESN7 CO | TYPE 3 | 17 |

ACCESSORIES

| | |
|------------|-------------------------------------|
| JLC00010 | -5° Tilt Adaptor |
| JLB00000 | SCO Spare Visor |
| JLB00002 | CO Spare Visor |
| JLB00003 | Rear Shield |
| JLB00004 | Pathway Visior |
| JLB00005 | 360° Glare Shield |
| JLC00006 | Louvres |
| JLB00000PC | Polycarbonate IK10 SCO Visor |
| JLB00002PC | Polycarbonate IK10 Aeroscreen Visor |
| JLB00007 | Wire Guard |