

Sylvania SASTA MAXIMUS



SYLVANIA

Delivering Safer Roads - for Vehicles and Pedestrians

The SASTA MAXIMUS combines a performance LED module with clever optics and a slim modern design to create a value added, cost efficient yet highly flexible fixture for use in pedestrian crossings or wherever a high powered, efficient yet economical light source is required.

The simple, compact structure is pressure die-cast from aluminium and incorporates high transmittance glass to ensure durable performance.

The unit is sealed against the elements to IP66. Comes in a standard colour finish of RAL 9007. The control gear is an integral 240V with long life ensured from the finned array at the rear of the unit which allows for excellent heat dissipation.

The SASTA MAXIMUS is available in a dedicated pedestrian crossing specific ('PXS') configuration, compliant with the Australian AS/NZS 1158.4:2024 Standards.

IP 66

IK 06



BIKE & PEDESTRIAN PATHS



SQUARES & PEDESTRIAN AREAS



CAR PARKS



LARGE AREAS



RAILWAY STATIONS & METROS

MAIN APPLICATIONS

- Bike and pedestrian paths
- Squares and pedestrian areas
- Car parks
- Large areas
- Railway stations and metros

KEY ADVANTAGES

- System wattage: 60W, 110W, 150W, 175W
- Asymmetric distribution
- Integral 240V control gear
- IP66 sealed optical and gear chamber
- External cable with bird proof protective conduit
- High transmittance glass
- CRI ≥ 70
- Surge Protection Device (SPD) standard with Nominal discharge current (In) 10kA
- Maximum open circuit voltage (Uoc) 20kV
- Ambient temperature to 40°C
- Available in Colour Temperature of 4000K, 3000K
- Limited Warranty: 5 years
- Smart city enabled
- NEMA 7-pin base



Slim modern design



High transmittance glass



External cable with bird proof protective conduit



Finned array at the rear of the unit which allows for excellent heat dissipation

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 12m 13' to 39'
FutureProof	Easy replacement of the photometric engine and electronic assembly on-site
Driver included	Yes
RCM Mark	Yes
ROHS compliant	Yes
Testing standard	EMC compliant: AS/NZS CISPR15 Luminaires Performance: AS/NZS 60598.1

HOUSING AND FINISH

Housing	Pressure die cast, aluminium body
Optic	PMMA
Protector	Tempered glass
Housing finish	Textured powdercoat finish as standard
Standard colour(s)	RAL 9007 Any other RAL color on request
Tightness level	IP66
Impact resistance	IK06
Access for maintenance	Allen screw

PERFORMANCE

Lumen efficacy	120lms/w
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ELECTRICAL INFORMATION

Electrical class	Class I
Nominal voltage	240V – 50Hz
Power factor (at full load)	≥ 0.9
Surge protection options (kV)	10kV
Electromagnetic compatibility (EMC)	AS/NZS CISPR15
Control protocol(s)	DALI
Socket(s)	NEMA 7 pin
Sensor(s)	Devices & sensors for smart city applications

OPTICAL INFORMATION

LED colour temperature	4000K
Colour rendering index (CRI)	≥ 70
Upward Light Output Ratio (ULOR)	0%

OPERATING CONDITIONS

Temperature range from operation (Ta)	0°C up to +40°C
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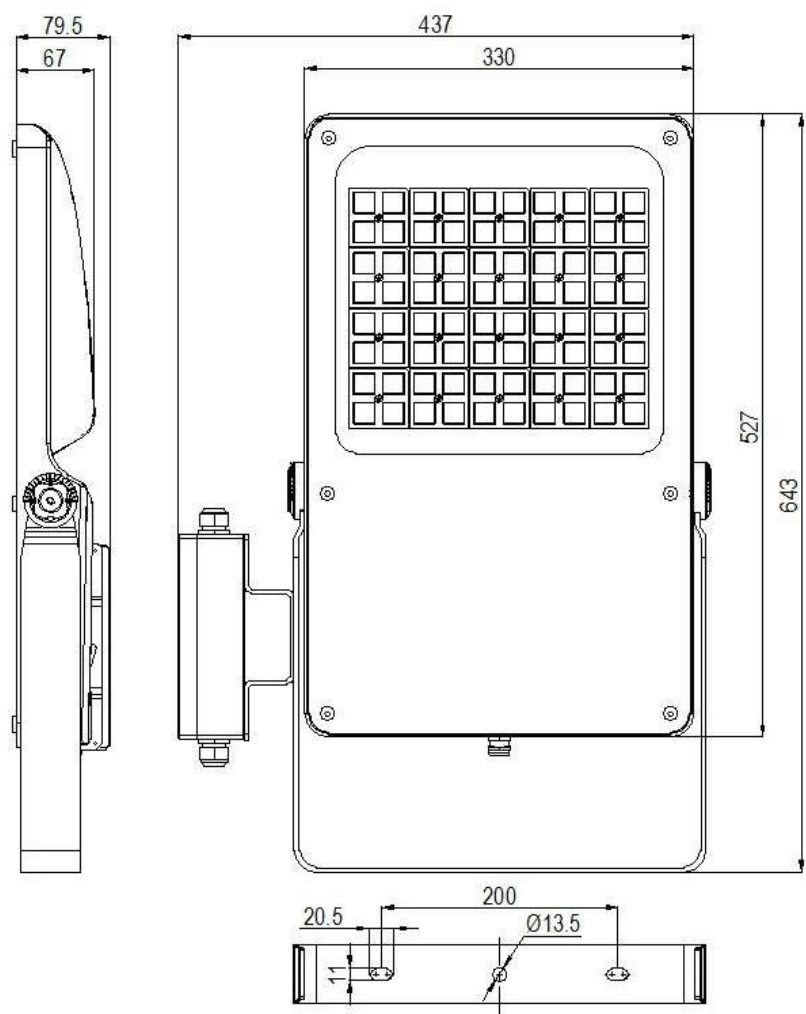
(*) Depending on the configuration of the luminaire. For more details, contact us.

LIFETIME OF THE LEDS @ TQ 25°C

All configurations	50,000h - L70
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DIMENSIONS AND MOUNTING

W x H x D (mm)	437 x 643 x 80
Weight (kg)	9.30
Mounting possibilities	Trunnion





Product Code	Description	Beam Dist.	System Power (W)
SASTA MAXIMUS			
SL99Z43L60G2	SLED G2 60W 4K AS D2 PSN7 CO 9007	ASYM	60
SL99Z43L110G2	SLED G2 110W 4K AS D2 PSN7 CO 9007	ASYM	110
SL99Z43L150G2	SLED G2 150W 4K AS D2 PSN7 CO 9007	ASYM	150
SL99Z43L175G2	SLED G2 175W 4K AS D2 PSN7 CO 9007	ASYM	175
SASTA MAXIMUS PXS			
SL99Z43L60PXS	SLED PXS 60W 4K AS D2 PSN7 CO 9007	ASYM	60
SL99Z43L110PXS	SLED PXS 110W 4K AS D2 PSN7 CO 9007	ASYM	110
SL99Z43L150PXS	SLED PXS 150W 4K AS D2 PSN7 CO 9007	ASYM	150
SL99Z43L175PXS	SLED PXS 175W 4K AS D2 PSN7 CO 9007	ASYM	175
ACCESSORIES: For use with SASTA MAXIMUS			
SL00065	SASTAMAXIMUS FRONT GS 40MM + REAR 60MM		
SL00064	SASTAMAXIMUS FRONT GS 40MM		
SL00061	SASTAMAXIMUS REAR GS 60MM		