

Sylvania Kanon



Design: Greg Bell

SYLVANIA

Security with a seamless architectural appearance

The Kanon is a circular LED security luminaire that adopts a new design concept, providing visual impact, performance and versatility. The housing of die cast aluminium, utilises hidden fixing screws creating a simple and smooth surface appearance, while maintaining an IP66 protection and impact rating of IK08.

The 240v DALI dimmable driver is integral, with electrical connection via an external junction box. The interconnecting cable is standard with bird proof conduit.

A Nema 7 pin base is mounted on an adjustable junction box, allowing for accurate positioning of the P.E. cell.



IP 66

IK 08



URBAN & RESIDENTIAL STREETS



SQUARES & PEDESTRIAN AREAS



CAR PARKS



RAILWAY STATIONS & METROS

MAIN APPLICATIONS

- Urban and residential streets
- Squares and pedestrian areas
- Car parks
- Railway stations and metros

KEY ADVANTAGES

- Security lighting with architectural appeal
- Energy efficient, high performance LED luminaire
- Lumen efficacy: 120lms/w
- Life: 60,000hrs at L70
- System wattage: 185W
- CCT: 4000K, CRI: 70
- Distribution: Symmetrical 60°
- Integral 240v DALI driver
- IP66 sealed junction box, optical and gear chambers
- Die-cast aluminium body, finished with UV stabilized powder coat for durability.
- Smart city enabled
- Standard 10kV SPD



Circular LED security luminaire



Bird proof conduit



Electrical connection via an adjustable external junction box



Seamless design providing smooth surface appearance

Sylvania Connected Solutions (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.city

GENERAL INFORMATION

Recommended installation height	4m to 12m 13' to 39'
Driver included	Yes
CE Mark	No
ENEC+ certified	No
ROHS compliant	Yes
Testing standard	EMC compliant: AS/NZS CISPR15

HOUSING AND FINISH

Housing	Die-cast aluminium body
Optic	PMMA
Protector	Tempered glass
Housing finish	Polyester texture finish
Standard colour(s)	RAL 9007 Any other RAL colour on request
Tightness level	IP66
Impact resistance	IK08

ELECTRICAL INFORMATION

Electrical class	Class 1
Nominal voltage	240v – 50Hz/60Hz
Power factor (at full load)	0.94
Surge protection (kV)	10kV
Electromagnetic compatibility (EMC)	AS/NZSCISPR15
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

OPERATING CONDITIONS

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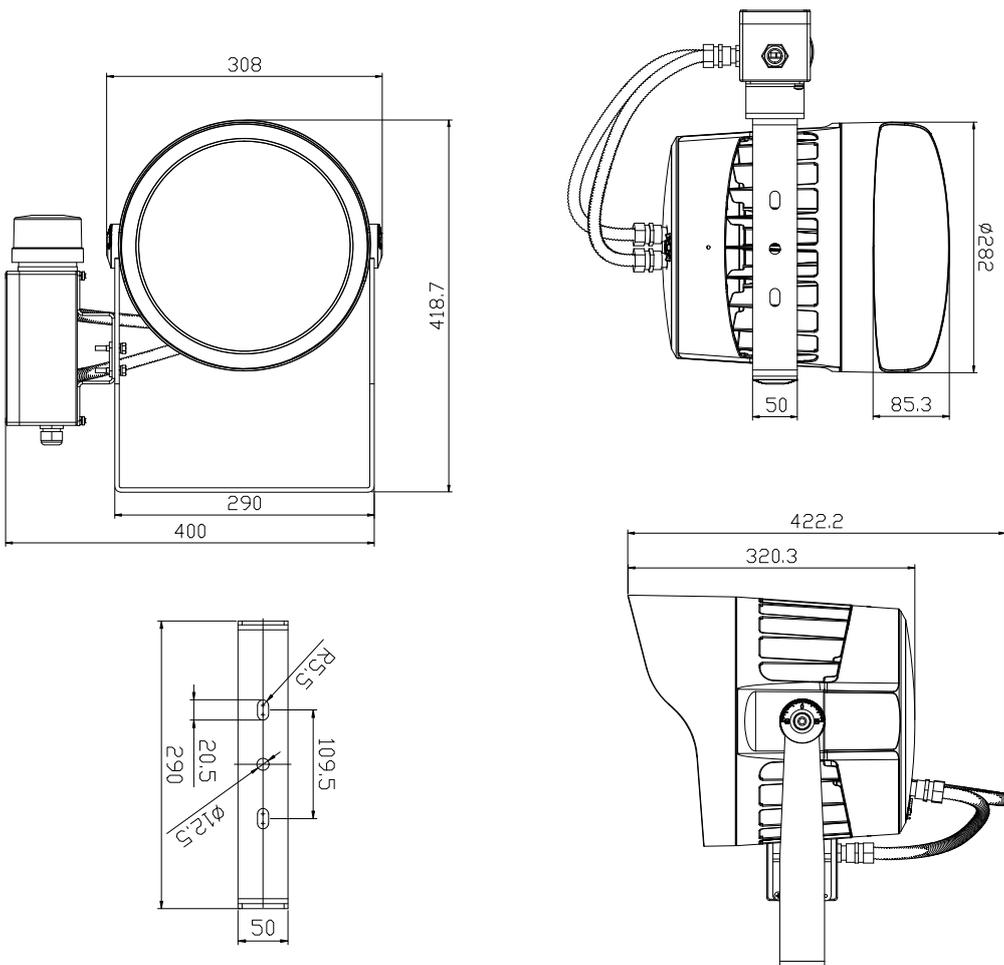
(*). Depending on the configuration of the luminaire. For more details, contact us.

LIFETIME OF THE LEDS @ TQ 40°C

All configurations	60,000h - L70
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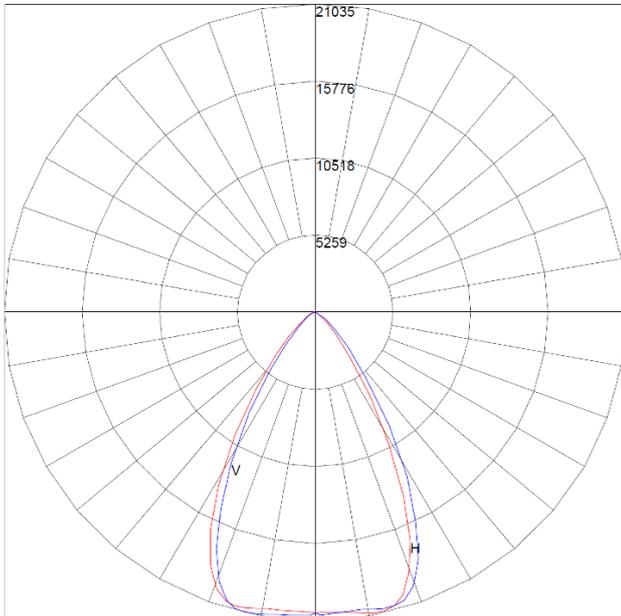
DIMENSIONS AND MOUNTING

W x H x D (mm)	386 x 339 x 236
Weight (kg)	12.9
Aerodynamic resistance (CxS)	0.08m ²
Mounting possibilities	Trunnion





Product Code	Name	Beam Dist.	System Power (W)	Install Type	PE Cell Base Type	PE Cell Type (if incl.)
KN140Z11L180	KANON 1 185W 4K S6 PES7 9007	Symmetric 60 deg	185	Trunnion	NEMA 7 pin	Shorting Cap*



Maximum Candela = 21035.17 Located At Horizontal Angle = 0, Vertical Angle = -13
H - Horizontal Axial Candela
V - Vertical Axial Candela

180W Symmetrical 60°