

SYLVANIA RANGER 2



SYLVANIA

Maximising performance and energy efficiency

The RANGER 2 LED Floodlight 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 general purpose floodlighting.

IP 65

IK 06



SPORTS



CAR PARKS



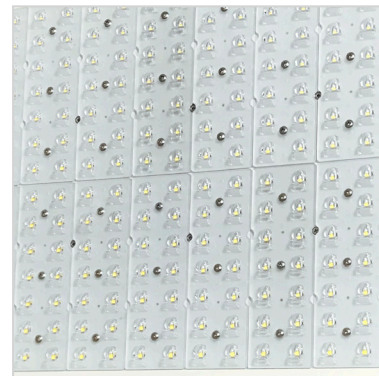
LARGE
AREAS

MAIN APPLICATIONS

- Sports
- Car parks
- Large Areas

KEY ADVANTAGES

- Pressure die cast, aluminium body supplied with trunnion arm for mounting
- System wattage: 320W, 420W, 490W
- IP65 sealed optical and gear chamber
- Ambient temperature to 50° C
- Surge Protection Device (SPD) standard
- 109,000 hours L70
- CRI>70
- IK06
- 5 Year Warranty



Lens system for Asymmetric distribution



Large range of options



Diecast aluminium heatsink for excellent thermal management



Sleek design

GENERAL INFORMATION

Recommended installation height	6m to 15m 20' to 49'
Driver included	No
RCM Mark	Yes
ENEC+ certified	No
ROHS compliant	Yes
Testing standard	AS/NZS 60598.1:2017

HOUSING AND FINISH

Housing	Die-cast LM6 aluminium frame
Optic	High temperature vacuum metalised reflector
Protector	Tempered glass
Housing finish	Powder coated finish
Standard colour(s)	RAL9011
Tightness level	IP65

PERFORMANCE

Lumen efficacy	320W - 129lm/w 420W - 128lm/w 490W - 131lm/w
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ELECTRICAL INFORMATION

Electrical class	Class 1
Nominal voltage	240V
Power factor (at full load)	0.98
System wattage	320W, 420W, 490W
Surge protection (kV)	10kV
Electromagnetic compatibility (EMC)	AS/NZSCISPR15, AS/NZS 60598.1
Control protocol(s)	Nil
Sensor(s)	Nil

OPTICAL INFORMATION

LED colour temperature	5000K
Colour rendering index (CRI)	> 70
Asymmetrical distributions	Wide

OPERATING CONDITIONS

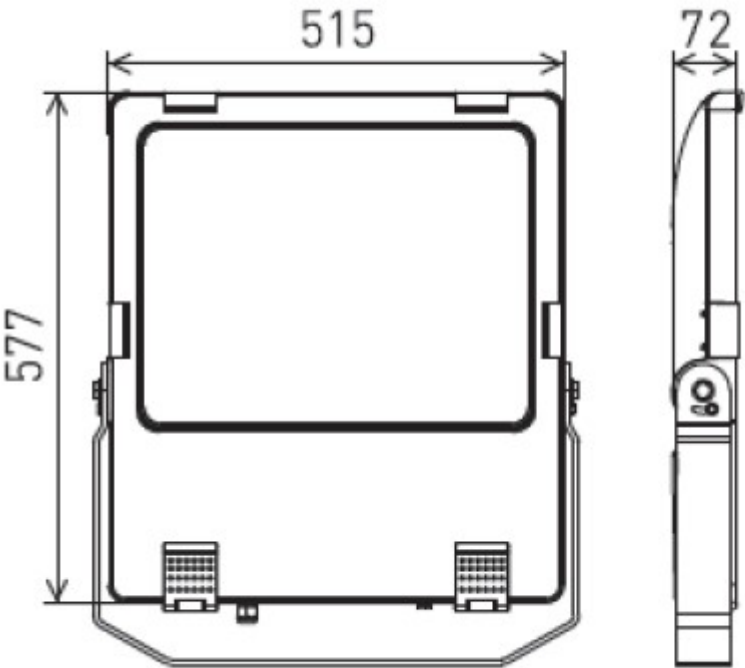
Temperature range from operation (Ta)	0°C to + 40°C
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LIFETIME OF THE LEDS @ TA 40°C

All configurations	53,000h - L70
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DIMENSIONS AND MOUNTING

L x W x H (mm)	577 x 515 x 72
Weight (kg)	19
Aerodynamic resistance	0.17 (at tilt of 13°)
Windage (m2)	0.25m2 with Apron Hood
Mounting possibilities	Galvanised trunnion arm for under and over slinging





Product Code	Name	Exit Lumen	Colour Temp	Line Current	System Power (W)
RANGER2/320/5K	RANGER2 320W 5000K C/W SPD	41588lm	5000K	1.34A	320
RANGER2/420/5K	RANGER2 420W 5000K C/W SPD	53894lm	5000K	1.76A	420
RANGER2/490/5K	RANGER2 490W 5000K C/W SPD	63058lm	5000K	2.05A	490