

# RAPTOR 3 600W



## Shaping the future of sports floodlighting

The ultimate Aussie-engineered sports floodlight is a high-performing floodlight with leading optical control and innovative design. RAPTOR 3 will provide better spill control and less windage for sports venues as well as other large areas. With razor-sharp reflector systems and asymmetric distribution – four new beam options, the RAPTOR 3 is born to perform.

Its versatile mounting system, with its heavy-duty trunnion arm, RAPTOR 3 is compatible with under and over slung mounting arrangement.

RAPTOR 3 has cutting-edge technology to offer uniformity and visual comfort for players, spectators, and neighbours (low glare and minimised light spill). RAPTOR 3 is fully compatible with Schröder ITERRA Sports Control System.

IP 66

IK 06



SPORTS



CAR PARKS



LARGE  
AREAS



INDUSTRIAL  
AREA  
LIGHTING



TRANSIT  
HUBS



AIRPORT  
APRONS

## MAIN APPLICATIONS

- Sports
- Car parks
- Large areas
- Industrial
- Airport aprons
- Transit hubs

## KEY ADVANTAGES

- Designed in Australia for Australian and New Zealand conditions
- High lumen efficacy over 135lm/w
- Precision reflector systems, designed to control spill light
- Asymmetric distribution, with four beam options
- Available in CCT 5700K & 4000K CRI 70
- Integral DALI drivers in either 240V or 415V
- Compatible with Schröder ITERRA Sports Control System
- Die-cast aluminium body, UV stabilized powder coated for durability
- Colour: black heatsink with grey frame
- Optimal reliability with 5 year warranty
- All exposed cabling has bird proof conduit
- Supplied with bird spikes



Precision optical design, controlling spill light



Precise aiming with protractor and locking device



Heavy duty trunnion arm, suitable for under and over slinging



Die cast aluminium heat sink for excellent thermal management

**GENERAL INFORMATION**

Recommended installation height	12m to 20m   40' to 65'
Driver included	No
RCM Mark	Yes
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	IP66

**PERFORMANCE**

Lumen efficacy	135lms/w
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**ELECTRICAL INFORMATION**

Electrical class	Class 1
Nominal voltage	240V/415V – 50Hz/60Hz
Power factor (at full load)	> 0.98
System wattage	2 module 660W
Surge protection (kV)	10kV
Electromagnetic compatibility (EMC)	AS/NZSCISPR15, AS/NZS 60598.1
Control protocol(s)	DALI
Sensor(s)	Devices & sensors for smart city applications

**OPTICAL INFORMATION**

LED colour temperature	5700K & 4000K
Colour rendering index (CRI)	> 70
Asymmetrical distributions	A0 Extra Narrow, A1 Narrow, A2 Medium, A3 Wide

**OPERATING CONDITIONS**

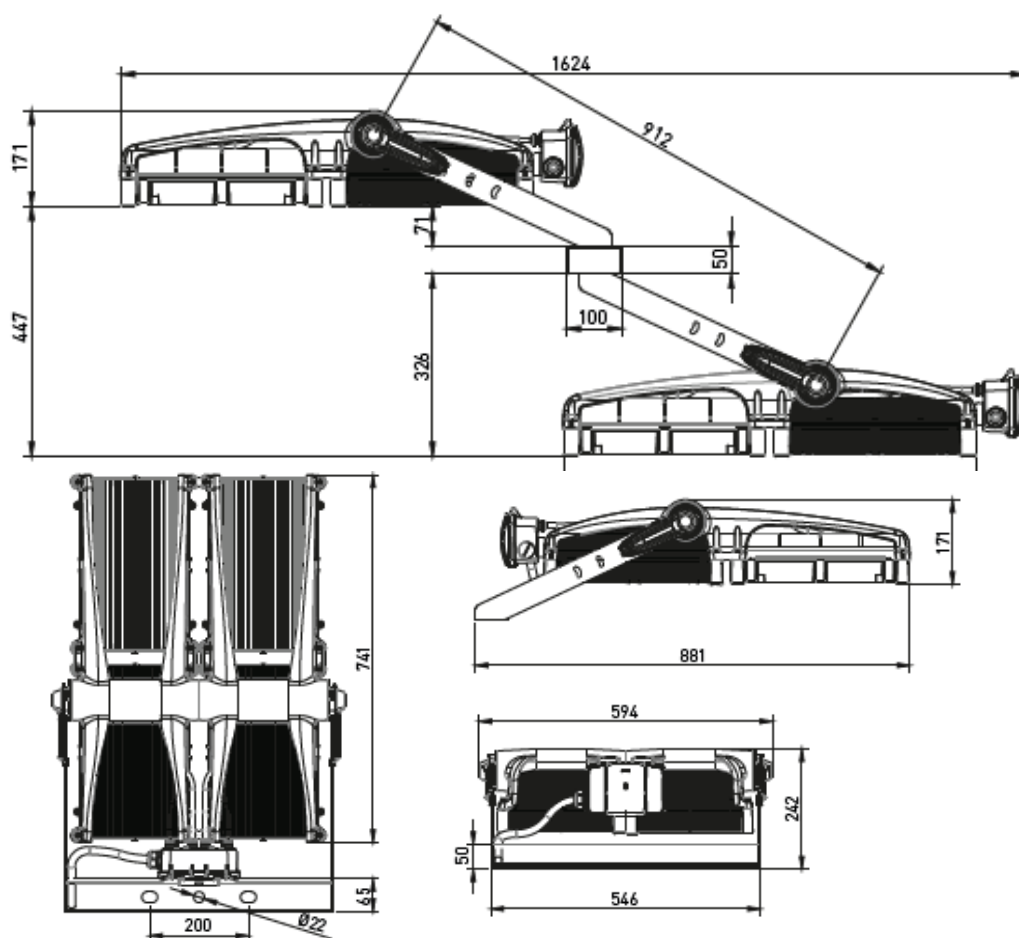
Temperature range from operation (Ta)	-20°C to + 40°C
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**LIFETIME OF THE LEDS @ TA 40°C**

All configurations	120,000hrs L90
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## DIMENSIONS AND MOUNTING

L x W x H (mm)	741 x 594 x 171
Weight (kg)	415V - 25.5 240V - 25.0
Aerodynamic resistance	0.115 (at tilt of 0°)
Windage (m2)	0.17 (at tilt of 13°)
Mounting possibilities	Galvanised trunnion arm for under and over slinging





Product Code	Name	Beam Dist.	Colour Temp
SR2H757A0GIG3	RAPTOR 3 600W A0 CRI70 CCT5700k 415V DALI (No Feedback)	Asymmetric A0 Extra Narrow	5700
SR2H757A1GIG3	RAPTOR 3 600W A1 CRI70 CCT5700k 415V DALI (No Feedback)	Asymmetric A1 Narrow	5700
SR2H757A2GIG3	RAPTOR 3 600W A2 CRI70 CCT5700 415V DALI (No Feedback)	Asymmetric A2 Medium	5700
SR2H757A3GIG3	RAPTOR 3 600W A3 CRI70 CCT5700k 415V DALI (No Feedback)	Asymmetric A3 Wide	5700
SR2H757A0AIG3	RAPTOR 3 600W A0 CRI70 CCT5700 240V DALI	Asymmetric A0 Extra Narrow	5700
SR2H757A1AIG3	RAPTOR 3 600W A1 CRI70 CCT5700 240V DALI	Asymmetric A1 Narrow	5700
SR2H757A2AIG3	RAPTOR 3 600W A2 CRI70 CCT5700 240V DALI	Asymmetric A2 Medium	5700
SR2H757A3AIG3	RAPTOR 3 600W A3 CRI70 CCT5700 240V DALI	Asymmetric A3 Wide	5700
SR2H740A0GIG3	RAPTOR 3 600W A0 CRI70 CCT4000k 415V DALI (No Feedback)	Asymmetric A0 Extra Narrow	4000
SR2H740A1GIG3	RAPTOR 3 600W A1 CRI70 CCT4000k 415V DALI (No Feedback)	Asymmetric A1 Narrow	4000
SR2H740A2GIG3	RAPTOR 3 600W A2 CRI70 CCT4000 415V DALI (No Feedback)	Asymmetric A2 Medium	4000
SR2H740A3GIG3	RAPTOR 3 600W A3 CRI70 CCT4000k 415V DALI (No Feedback)	Asymmetric A3 Wide	4000
SR2H740A0AIG3	RAPTOR 3 600W A0 CRI70 CCT4000 240V DALI	Asymmetric A0 Extra Narrow	4000
SR2H740A1AIG3	RAPTOR 3 600W A1 CRI70 CCT4000 240V DALI	Asymmetric A1 Narrow	4000
SR2H740A2AIG3	RAPTOR 3 600W A2 CRI70 CCT4000 240V DALI	Asymmetric A2 Medium	4000
SR2H740A3AIG3	RAPTOR 3 600W A3 CRI70 CCT4000 240V DALI	Asymmetric A3 Wide	4000

#### ACCESSORIES - RAPTOR 3 600W APRON HOOD

SR2HAPRONHOOD	L 566 x W 519 x H 15mm	2kg
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#### ACCESSORIES - RAPTOR 3 600W BACK SHIELD

SR4HBACKSHIELD	L 279 x W 434 x H 140	1.15kg
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