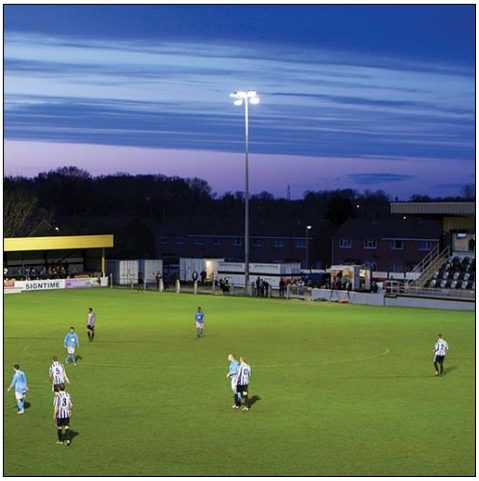
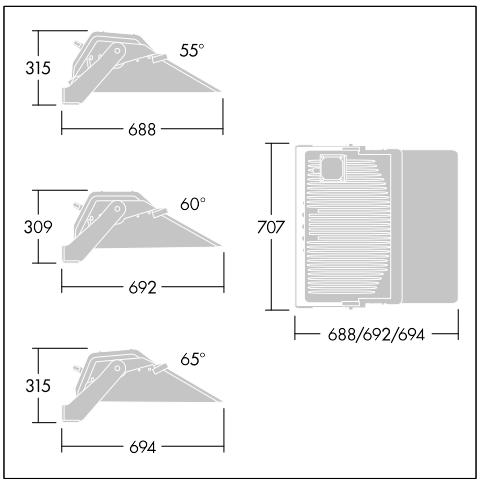
Champion

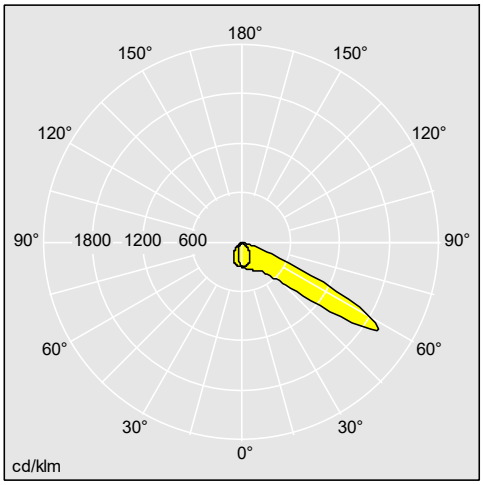
High power LED floodlight with best in class optic for control of obstrusive light for sports and area lighting applications

- Compact asymmetric floodlight, incorporating the flat glass concept and integrated visor for total control of glare and obstrusive light (0 cd at 90°)
- Maximum optical efficiency and flexibility with minimum light spill. 3 accurate light distributions with 4 different visor finishes for Lambertian or specular reflectance.
- The anthracite painted visor is also available in a Back Spill Control version, reducing even more the light spill. A version without visor is also available.
- BEST-IN-CLASS LIGHT QUALITY to provide top-quality illumination for sports and area lighting.
- Superior performance thanks to a compact driver installed in every condition (back of the luminaire up to 200 m remotely), providing the highest performance for all installations.
- Fully controllable solution via DALI or RDMDMX enabling instant lighting, stepped illumination levels down to 25% minimum, and event lighting with dynamic lighting scenarios

Photographs, line drawings and photometric data are representative only. For specific product detail please select an individual product.







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Material/Finish

Body: die-cast aluminium (EN AC-44300) painted anthracite (close to RAL 7043). Standard corrosion class C5 according to ISO 9223:2012.
Visor: stainless steel finish or stainless steel painted anthracite (close to RAL 7043)
Stirrup: galvanised steel painted anthracite (close to RAL 7043)
Glass: 4mm toughened
Screws: stainless steel

Coastal_C5, UKCA, IP66, BWS, IK08, SC1, CE, RCM

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Installation/Mounting

Stirrup fixed using different fixation points (one M20 screw or two M14 screws). Tiltable body fixed to stirrup with M17 Hex screw. Reversable stirrup allows hang down position and different mounting configurations. Integrated connection box with 1 x M20 cable gland accepting 5G cable and wiring with push-in terminal for wires between 1mm² and 1,5mm² for LED supply.
Gear Box installed on the stirrup (by using the dedicated accessory) or remotely up to 200 metres from the luminaire, and equipped with four different cable glands - 1 x M25 cable gland accepting cable diameter between 10 mm and 17 mm and wiring with screw terminals for wires up to 2,5mm² for mains supply (200-440V / 50-60Hz), 2 x M16 cable glands accepting cable diameter between 5 mm and 10 mm for control IN/OUT and 1xM32 cable gland accepting cable diameter between 13 mm and 21 mm* wiring with screw terminals for wires up to 1,5mm² (one cable of 5-cores at length of customer choice not supplied by Thorn and used for electrical connection to the luminaire. *Note the maximum cable diameter at the luminaire connection box is 12mm) – and LED signal to indicate the status of the Gear Box. Four holes in the angles allow different mounting options.
Simple aiming device available and adjustable on top left or right of the floodlight.

Specification

To specify state:
High power LED asymmetric floodlight for sport lighting and high mast area lighting with internally inclined front glass and integral front cowl. The floodlight offers a choice of CCT (3000K/4000K/5700K) with CRI 70 ideal for recreational and Class 2/3 sports applications. Compact floodlight (22,4kg), highly resistant (IP66, IK08), available with 4 excellent light distributions and two different visor finishes to optimize lighting designs.
To be completed with compact and light Gear Box IP66 with RDM-DMX or DALI control interface. Its housing made of die-cast aluminum with “fishbone” fins to guarantee a better thermal management in every single position and a full working range at ambient temperature -40°C/+45°C. Lifetime greater than 50khrs. Surge level 10kV for Common mode and differential mode. Can be installed on the bracket of the floodlight, inside the mast or remotely up to 200m from floodlight. Driving current must be selected according to the ambient temperature. 1050mA is the maximum driving current for indoor application (Ta 35°C).
As Thorn Champion

Ordering Guide

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
Champion				
CHAMPION 264L-740 V2 VSR ANT	LED		22,4	96633216
CHAMPION 264L-740 V1 VSR ANT	LED		22,4	96633215
CHAMPION 264L-740 V3 VSR ANT	LED		22,4	96633217
CHAMPION 264L-740 V3 VSP ANT	LED		22,4	96633301
CHAMPION 264L-740 V2 VSP ANT	LED		22,4	96633302
CHAMPION 264L-740 V1 VSP ANT	LED		22,4	92917406
CHAMPION 264L-740 ANT	LED		20,41	96635275
CHAMPION 264L-740 V2 BSC ANT	LED		22,5	96635276
Champion accessories				
CHAMPION LED SIMPLE AIMING DEVICE			0,14	96633429
CHAMPION LED MEMORY SETTING			0,1	96633430
CHAMPION LED BIRD DETERRENT			0,5	96633431
CHAMPION LED GB BRACKET			1,8	96633432
CHAMPION LED VS FRONT			1,05	96635277
CHAMPION LED VS REAR			0,78	96635278
Champion gear boxes				
ALG5 GB 1368W 1.25A 565V 2CH DA			5,4	96671930
ALG5 GB 1368W 1.05A 565V 2CH DA			5,4	96671931
ALG5 GB 1368W 0.85A 565V 2CH DA			5,4	96671932
ALG5 GB 1368W 0.70A 565V 2CH DA			5,4	96671933

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Description	ILCOS Code	Socket	Wt (kg)	SAP Code
ALG5 GB 1368W 1.25A 565V 2CH RDMX			5,4	96671940
ALG5 GB 1368W 1.05A 565V 2CH RDMX			5,4	96671941
ALG5 GB 1368W 0.85A 565V 2CH RDMX			5,4	96671942
ALG5 GB 1368W 0.70A 565V 2CH RDMX			5,4	96671943

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