

High power LED floodlight for sports lighting applications

- Unique quality of light with flickerfree operation suitable for HDTV broadcasting and Super Slow Motion
- Flexible optical system optimising lighting distributions for best in class results
- Compact and low weight for minimal structural costs
- Fully controllable solution enabling instant lighting, stepped illumination levels and event lighting with dynamic lighting scenarios

Applications

- Outdoor stadia
- Sports training grounds
- Competition grounds (with TV broadcasting)
- Indoor arenas
- Hippodromes

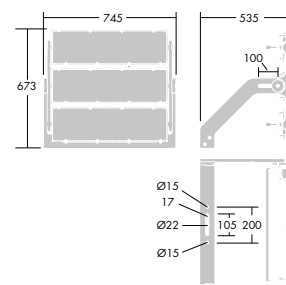
Lamp information

- Lifetime: 40 000hrs @L80B10 Ta 25°C (57 000hrs @L80B50)
- Up to 126 000lm
- Up to 102Llm/W (4000K/CRI 70)
- Colour Temperature/CRI: 4000K/70 CRI (training and competition); 5700K/90 CRI (TV broadcasting)
- Unique TLCI (Television Lighting Consistency Index) of 94

Did you know?

Altis Sport offers a unique TLCI (Television Lighting Consistency Index). TLCI is an index for rating light quality for TV cameras measured on a 0 to 100 scale. It identifies the potential colour correction needed on a camera to get the broadcast colours right. It was established by the European Broadcasting Union (EBU) and is getting increasingly popular among TV broadcasters. Rather than assessing the performance of a luminaire for the eye, as is done with CRI, the TLCI mimics a complete television camera and display, using only those specific features of cameras and displays which affect colour performance. While best MH lamps offer a TLCI index of 90, Altis Sport offers a superior rating of 94. It is easier for broadcasters to set up their cameras correctly and for the TV viewers to enjoy the show as if they were actually there.

Overview



Weight: Max 28kg
Scr: Max 0,52"

Standards

CE IP66 IK08 T₂₅



Light Source

102
Llm/W



Altis Sport enables full controls capabilities in terms of:

- Dimming: stepped illumination, energy savings (DALI)
- Event lighting: implementation of dynamic lighting scenarios (DMX)
- Monitoring: feedback of information such as temperature, operating hours, failures (RDM)
- Thorn controls packages cover all needs, from simple dimming solutions to fully integrated packages with touch panel or computer control



Ordering Guide

Description	SAP Code
ALTIS S 396 LED 5700K	
ALTIS S 396L105 NB CL1 L957	96272592
ALTIS S 396L105 MB CL1 L957	96272593
ALTIS S 396L105 WB CL1 L957	96272594
ALTIS S 396L105 MMWB CL1 L957	96272595
ALTIS S 396L105 MWWB CL1 L957	96272596
ALTIS S 396 LED 4000K	
ALTIS S 396L105 NB CL1 L740	96272582
ALTIS S 396L105 MB CL1 L740	96272583
ALTIS S 396L105 WB CL1 L740	96272584
ALTIS S 396L105 MMWB CL1 L740	96272585
ALTIS S 396L105 MWWB CL1 L740	96272586
ALTIS S 396 LED remote control gear	
GT ALTIS IP21 396L105 CL1	96272608
GB ALTIS IP65 396L105 CL1	96272609
ALTIS S 264 LED 5700K	
ALTIS S 264L105 MB CL1 L957	96272686
ALTIS S 264L105 WB CL1 L957	96272687
ALTIS S 264 LED 4000K	
ALTIS S 264L105 MB CL1 L740	96272688
ALTIS S 264L105 WB CL1 L740	96272689
ALTIS S 264 LED Control Gear	
GT ALTIS IP21 264L105 CL1	96272690
GB ALTIS IP65 264L105 CL1	96272691
Accessories	
ALTIS S AIMING DEVICE	96272658
S	Sport version (symmetrical optics)
NB	Narrow Beam
MB	Medium Beam
WB	Wide Beam
MMWB	Floodlight combining 2 Medium and 1 Wide beam LED module (from top to bottom)
MWWB	Floodlight combining 1 Medium and 2 Wide beam LED module (from top to bottom)
GT	Gear Tray (IP21, includes drivers, suitable for use in cabinet)
GB	Gear Box (IP65, includes drivers, suitable for outdoor installation)

Materials/Finish

Body: die-cast aluminium (EN AC-47100), painted dark sandy grey (close to RAL 7043)
 Frame and stirrup: die-cast aluminium (EN AC-44100), painted dark sandy grey (close to RAL 7043)
 Glass: 5mm toughened, meeting requirements of IEC 60598-2-5
 Screws: stainless steel

Installation/Mounting

Stirrup fixed by a single bolt through Ø22mm hole or 105x17mm oblong hole, or by twin bolts through Ø15mm hole. Reversible stirrup allows hang down position. Frame fixed to stirrup with M10 Hexagonal screw and M8 set screw. Tiltable LED modules fixed on frame with M8 screws and M5 set screw.

The LED modules are pre-wired with a 1m long cable and connected to a single harness. Electrical connection to the floodlight is done via a single multi-core cable (female connector supplied for quick plug-in connection); gear tray IP21 or gear box IP65 are installed remotely and supplied separately.

Precision aiming device available and adjustable on top or bottom of LED module.

Specification

To specify state:
 High power LED floodlight for sports lighting applications. Offering the best in class quality of light (5700K / 90 CRI) and flickerfree operation suitable for HDTV broadcasting with a TLCI of 94. The floodlight has tiltable LED modules to optimise lighting designs and minimise the number of floodlights in an installation. Compact floodlight (28kg), highly resistant (IP66, IK08).
 As Thorn Altis Sport.



5 Year Warranty
 As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries.