

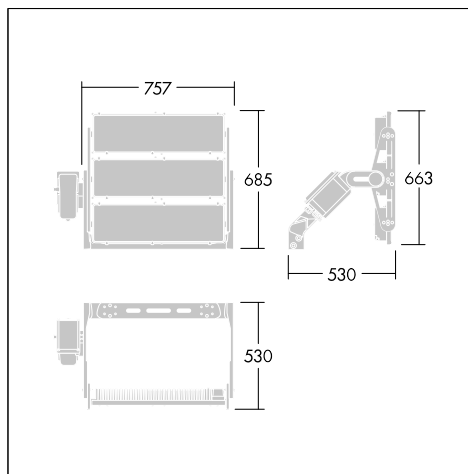
Altis Gen5

High power LED floodlight for sports (from first class professional to recreational sports fields) and area lighting applications

- **BEST IN CLASS** - High performance lighting up to 256klm with exceptional environmental resistance, excellent thermal and windage properties as well as a wide choice of outputs and precision optics
- **INDIVIDUAL MODULE AIMING** - Optical flexibility and modular construction enabling various combinations of optics, including the possibility to tilt each single LED module to minimize the number of luminaires and optimize the windage
- Excellent performance with the compact gearbox installed either on the frame of the luminaire or up to 200m remotely. The patented 'fishbone' design allows maximum air flow for thermal efficiency
- Fully controllable solution via DALI or RDM-DMX enabling instant lighting, stepped illumination levels and event lighting with dynamic lighting scenarios
- Intuitive design for an ease of installation, with a quick fix connection box, as well as multiple fixing options. Adjustable precision setting for accurate and fast module tilting and orientation
- To ensure suitability for your project applications, please use 'myProduct' to configure the required version. Your local Sales Team can assist with this process



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



Material/Finish

Body : die-cast aluminium EN AC-44300 modules with patented 'pin fins' for maximum thermal management, powder coated paint finish

Frame and stirrup : die-cast aluminium EN AC 44100 or fabricated sheet aluminium painted (all versions) or unpainted (2 & 3 module stirrup versions)

Aluminium: low copper content, suitable for use in harsh environments including swimming pools

Glass: 4mm toughened, high transmission glass with anti-reflective treatment on both faces

Screws: zinc coated stainless steel A4 grade

Corrosion resistance: protected to classification C5 according to ISO 9223:2012

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Installation/Mounting

Bracket mounted using different fixing points (one M20 screw or two M14 screws). Frame fixed to stirrup with M10 Hex screw with the possibility to move (100mm) the position horizontally (available only on 3 and 2 LED modules stirrup version). Tilttable LED modules fixed on frame via M8 Hex screws. Reversible stirrup allows 'under slung' mounting and different mounting configurations including suspension, wall mounting, surface mounting, roof mounting. The LED modules are pre-wired to a distribution box with an easy clamping connection system.

A separately supplied gearbox can be installed remotely up to 200m from the luminaire and is equipped with four different cable glands - 1 x M25 cable gland accepting cable diameter between 10 mm and 17 mm and wiring with plug-in terminals for wires up to 2,5mm² for mains supply (220-400V / 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 plug-in terminals for wires up to 2,5mm² (one cable of 7-cores at length of customer choice not supplied by Thorn and used for electrical connection to the floodlight - 8-cores where NTC is used) – and LED signal to indicate the status of the gearbox. Four holes in power supply housing corners allow different mounting options.

A precision aiming device is available and adjustable on the top or bottom of each LED module.

Ordering Guide

Description	ILCOS Code	Socket	Wt (kg)	SAP Code	Cat. No.
Altis, 1 module					
ALG5 168L125-740 PST NB ANT	LED		9,28	96670818	
ALG5 144L140-740 PST A6 ANT	LED		9,28	96670255	
ALG5 144L125-740 PST A6 ANT	LED		9,28	96671917	
ALG5 144L105-740 PST A6 ANT	LED		9,28	96671918	
ALG5 144L85-740 PST A6 ANT	LED		9,28	96671919	
ALG5 144L70-740 PST A6 ANT	LED		9,28	96671920	
ALG5 168L105-740 PST NB ANT	LED		9,28	96671921	
ALG5 168L85-740 PST NB ANT	LED		9,28	96671922	
ALG5 168L70-740 PST NB ANT	LED		9,28	96671923	
Altis, 2 modules					
ALG5 288L140-740 PST A6A6 ANT	LED		22,8	96670251	
ALG5 336L125-740 PST NBNB ANT	LED		23,688	96670252	
ALG5 288L125-740 PST A6A6 ANT	LED		23,3	96684115	
ALG5 288L105-740 PST A6A6 ANT	LED		23,3	96684116	
ALG5 288L85-740 PST A6A6 ANT	LED		23,3	96684117	
ALG5 288L70-740 PST A6A6 ANT	LED		23,3	96684118	
ALG5 312L125-740 PST NBA6 ANT	LED		23	96684119	
ALG5 312L105-740 PST NBA6 ANT	LED		23	96684120	
ALG5 312L85-740 PST NBA6 ANT	LED		23	96684121	
ALG5 312L70-740 PST NBA6 ANT	LED		23	96684122	
ALG5 336L105-740 PST NBNB ANT	LED		23,7	96684123	
ALG5 336L85-740 PST NBNB ANT	LED		23,4	96684124	
ALG5 336L70-740 PST NBNB ANT	LED		23,4	96684125	
Altis, 3 modules					
ALG5 432L140-740 PST A6A6A6 ANT	LED		30,107	96670248	
ALG5 504L125-740 PST NBNBNT ANT	LED		30,9	96670249	
ALG5 432L125-740 PST A6A6A6 ANT	LED		30,1	96684126	
ALG5 432L105-740 PST A6A6A6 ANT	LED		30,1	96684127	
ALG5 432L85-740 PST A6A6A6 ANT	LED		30,1	96684128	
ALG5 432L70-740 PST A6A6A6 ANT	LED		30,1	96684129	
ALG5 456L125-740 PST NBA6A6 ANT	LED		30,4	96684130	
ALG5 456L105-740 PST NBA6A6 ANT	LED		30,4	96684131	

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Description	ILCOS Code	Socket	Wt (kg)	SAP Code	Cat. No.
ALG5 456L85-740 PST NBA6A6 ANT	LED		30,4	96684132	
ALG5 456L70-740 PST NBA6A6 ANT	LED		30,4	96684133	
ALG5 480L125-740 PST NBNBA6 ANT	LED		30,6	96684134	
ALG5 480L105-740 PST NBNBA6 ANT	LED		30,6	96684135	
ALG5 480L85-740 PST NBNBA6 ANT	LED		30,6	96684136	
ALG5 480L70-740 PST NBNBA6 ANT	LED		30,6	96684137	
ALG5 504L105-740 PST NBNBNB ANT	LED		30,9	96684138	
ALG5 504L85-740 PST NBNBNB ANT	LED		30,9	96684139	
ALG5 504L70-740 PST NBNBNB ANT	LED		30,9	96684140	
ALG5 LE 432L125-740 PST A6A6A6 ANT	LED		30,1	96637087	
ALG5 LE 432L105-740 PST A6A6A6 ANT	LED		30,1	96637088	
ALG5 LE 432L85-740 PST A6A6A6 ANT	LED		30,1	96637089	
ALG5 LE 456L125-740 PST NBA6A6 ANT	LED		30,4	96637090	
ALG5 LE 456L105-740 PST NBA6A6 ANT	LED		30,4	96637091	
ALG5 LE 456L85-740 PST NBA6A6 ANT	LED		30,4	96637092	
ALG5 LE 480L125-740 PST NBNBA6 ANT	LED		30,6	96637093	
ALG5 LE 480L105-740 PST NBNBA6 ANT	LED		30,6	96637094	
ALG5 LE 480L85-740 PST NBNBA6 ANT	LED		30,6	96637095	
ALG5 LE 504L125-740 PST NBNBNB ANT	LED		30,9	96637096	
ALG5 LE 504L105-740 PST NBNBNB ANT	LED		30,9	96637097	
ALG5 LE 504L85-740 PST NBNBNB ANT	LED		30,9	96637098	

Altis, gearbox - premium

ALG5 GB 2052W 1.40A 565V 3CH DA		6,2	96671924
ALG5 GB 2052W 1.25A 565V 3CH DA		6,2	96671925
ALG5 GB 2052W 1.05A 565V 3CH DA		6,2	96671926
ALG5 GB 2052W 0.85A 565V 3CH DA		6,2	96671927
ALG5 GB 2052W 0.70A 565V 3CH DA		6,2	96671928
ALG5 GB 1368W 1.40A 565V 2CH DA		5,4	96671929
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
ALG5 GB 2052W 1.40A 565V 3CH RDMX		6,2	96671934
ALG5 GB 2052W 1.25A 565V 3CH RDMX		6,2	96671935
ALG5 GB 2052W 1.05A 565V 3CH RDMX		6,2	96671936
ALG5 GB 2052W 0.85A 565V 3CH RDMX		6,2	96671937
ALG5 GB 2052W 0.70A 565V 3CH RDMX		6,2	96671938
ALG5 GB 1368W 1.40A 565V 2CH RDMX		5,4	96671939
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

Altis, gearbox - performance

ALG5 GB LE 2100W 1.40A 550V 3CH DA		5,8	96684147
ALG5 GB LE 2100W 1.05A 550V 3CH DA		5,8	96684148
ALG5 GB LE 2100W 0.85A 550V 3CH DA		5,8	96684149

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Description	ILCOS Code	Socket	Wt (kg)	SAP Code	Cat. No.
ALG5 GB LE 2100W 1.40A 550V 3CH RDMX			5,8	96684150	
ALG5 GB LE 2100W 1.05A 550V 3CH RDMX			5,8	96684151	
ALG5 GB LE 2100W 0.85A 550V 3CH RDMX			5,8	96684152	
ALG5 GB LE 2100W 1.25A 550V 3CH DA			5,6	96688776	
ALG5 GB LE 2100W 1.25A 550V 3CH RDMX			5,8	96688777	
Altis Accessories					
ALTIS G4G5 BIRD DETERRENT			0,8	96671489	
ALTIS G4G5 GB BRACKET 3BRICK STIRRUP ANT			0,85	96671490	
ALTIS G4G5 GB BRACKET 2B LB STIRRUP ANT			0,92	96671491	
ALTIS G4G5 1 BRICK LOUVRE A4			0,9	96671492	
ALTIS G4G5 1 BRICK LOUVRE A5			0,9	96671493	
ALTIS G4G5 1 BRICK LOUVRE A6			0,9	96671494	
ALTIS G4G5 1 BRICK LOUVRE NB			0,95	96671495	
ALTIS G4G5 1 BRICK LOUVRE MB			2	96671496	
ALTIS G4G5 1 BRICK LOUVRE WB			1	96671497	
ALTIS G4G5 1 BRICK AJ VISOR			0,9	96671498	
ALTIS G4G5 AIMING DEVICE BRACKET			2,9	96671488	
ALG5 JUNCTION BOX GB TO 3X1 MODULE			2,5	96683854	
ALG5 JUNCTION BOX WHITE GB TO 2X1MODULE			1,65	96684170	