

AMNIS SPORTS FLOODLIGHT

Product Features

- Precision one part Die cast housing for Optimum thermal performance
- Alanod™ MIRO-Silver Reflector optics, for stable optics performance over life
- Available in two optics with no direct sight of light source
- 5° Tilt Locks for precise aiming
- High Performance Multi-Die LEDs for direct replacement of 1 and 2KW floodlights
- Flicker-Free, Suitable for slow motion & HDTV



CAT NO.	COMPATIBLE VOLTAGE	OPTIC	WATTAGE	LUMINAIRE LUMEN	EFFICACY Lm/cW
LAFL187NRS6WST740	220-240V Head Mounted	Wide Short Throw	1350W	187000	139
LAFL175NRS6NST740		Narrow Short Throw	1350W	175000	130
LAFL125NRS6WST740		Wide Short Throw	810W	125000	154
LAFL118NRS6NST740		Narrow Short Throw	810W	118000	146
LAFL125ID4WST740	220-240V Integral Driver	Wide Short Throw	900W	125000	139
LAFL118ID4NST740		Narrow Short Throw	900W	118000	131
LAFL90ID4WST740		Wide Short Throw	580W	90000	155
LAFL85ID4NST740		Narrow Short Throw	580W	85000	147
LAFL187FRS6WST740	110-277V Base Mounted	Wide Short Throw	1350W	187000	139
LAFL175FRS6NST740		Narrow Short Throw	1350W	175000	130
LAFL125FRS6WST740		Wide Short Throw	810W	125000	154
LAFL118FRS6NST740		Narrow Short Throw	810W	118000	146

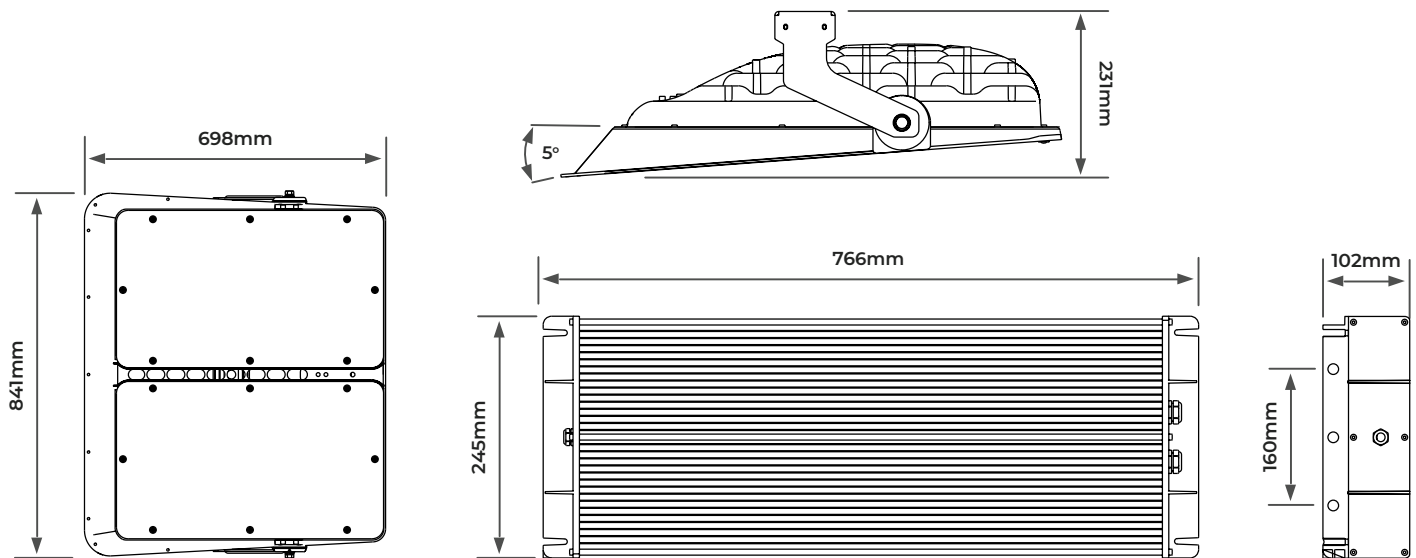
To Specify:

The luminaire shall be manufactured from high pressure die-cast aluminium. It shall have a luminaire efficacy of up to 155 Luminaire Lm/W and will be capable of producing up to 187,000 luminaire lumens at 4000K with a CRI>70. A number of optics will be available and the luminaire will be rated at IP66 and IK08.

Other Colour Temperatures
and CRI Options

Alternative Outputs

Dimmable and
3 Phase Options



CHECK COLUMN AND BRACKETS USED CAN MEET HEAD WEIGHT AND WINDAGE REQUIREMENTS.

Windage 1 0.155m ² 	2 0.186m ² 	3 0.703m ²
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P/N	DRIVER FIXING CENTRES A	WEIGHT OF FLOOD FOR DOUBLE/SINGLE FIXING POINTS	WEIGHT OF GEAR BOX	INPUT VOLTAGE
LAFLxxxNRS6yyy...	719 x 245mm	26.3 / 27.4Kg	13.4Kg	220-240V 50/60Hz
LAFLxxxFRS6yyy...	594x 245mm	25.4 / 26.5Kg	13Kg	110-277V 50/60Hz
LAFLxxx3PFRS6yyy...	594 x 245mm	25.4 / 26.5Kg	13Kg	110-480V 50/60Hz

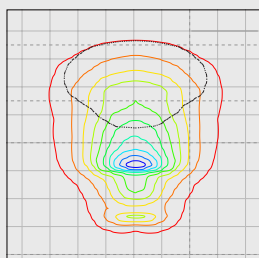
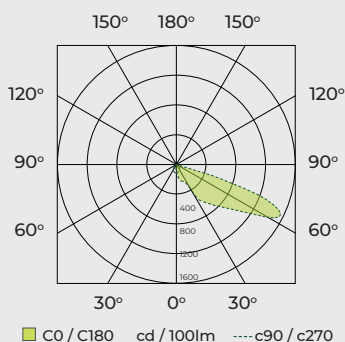
CAT NO.	DRIVER BOX USED	WEIGHT (kg)	VOLTAGE RANGE	IK RATING	TEMP RANGE (°C)	LUMINAIRE LUMENS	L RATED LIFE
LAFL187NRS6WST740	LAFDB6X700NRS2X11350	42.9	220-240V	IK08	-20 to 25	187000	L70
LAFL175NRS6NST740	LAFDB6X700NRS2X11350	42.9	220-240V	IK08	-20 to 25	177000	L70
LAFL125NRS6WST740	LAFDB6X420NRS2X1900	42.9	220-240V	IK08	-20 to 25	125000	L70
LAFL118NRS6NST740	LAFDB6X420NRS2X1900	42.9	220-240V	IK08	-20 to 25	118000	L70
LAFL125ID4WST740	Integral 1-10V Drivers	31.2	220-240V	IK08	-20 to 25	125000	L70
LAFL118ID4NST740	Integral 1-10V Drivers	31.2	220-240V	IK08	-20 to 25	118000	L70
LAFL90ID4WST740	Integral Drivers	31.2	220-240V	IK08	-20 to 25	90000	L70
LAFL85ID4NST740	Integral Drivers	31.2	220-240V	IK08	-20 to 25	85000	L70
LAFL187FRS6WST740	LAFDB3X1400FSW2X11350	40.5	110-277V	IK08	-20 to 25	187000	L70
LAFL177FRS6NST740	LAFDB3X1400FSW2X11350	40.5	110-277V	IK08	-20 to 25	177000	L70
LAFL125FRS6WST740	LAFDB3X840FSW2X1810	40.5	110-277V	IK08	-20 to 40	125000	L70
LAFL118FRS6NST740	LAFDB3X840FSW2X1810	40.5	110-277V	IK08	-20 to 40	118000	L70

LAFL175NRS6NST740

Luminaire Performance

Light Output Ratio:	100%
Luminaire Efficacy:	131.11Lm/W
Light Distribution:	A30 ±100% ±0%
CIE Flux Codes:	24 65 99 100 100
Power	135Lm/W
Luminous Flux	175,000Lm

Luminous Intensity

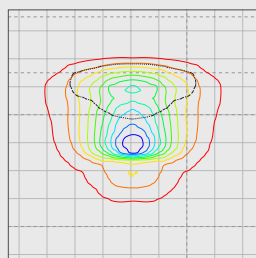
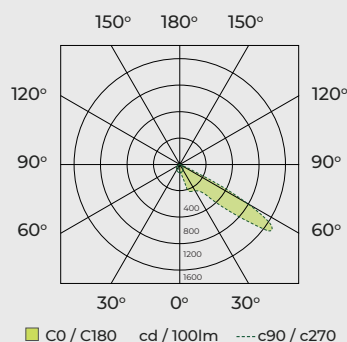


LAFL187NRS6WST740

Luminaire Performance

Light Output Ratio:	100%
Luminaire Efficacy:	138.52Lm/W
Light Distribution:	A30 ±100% ±0%
CIE Flux Codes:	28 80 99 100 100
Power	135Lm/W
Luminous Flux	187,000Lm

Luminous Intensity



LUCECO



This luminaire contains built-in LED lamps.



LED

The lamps cannot be changed in the luminaire.

874/2012



STANDARD	DESCRIPTION
EN 60598-1	Luminaires – General requirements
EN 60598-2-5	Luminaires – Floodlights
EN 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61547	Equipment for general lighting purposes – EMC immunity requirements
EN 61000-3-2	Electromagnetic compatibility (EMC) – Part 3-2: Limits – for harmonic current emissions
EN 62471	Photobiological safety of lamps and lamp systems
2002/96/EC	Waste Electrical & Electronic Equipment (WEEE)
2011/65/EU	Restriction of the use of certain Hazardous Substances in EEE (RoHS)
(EC) No 1907/2006	The Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)



RoHS

