

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	
LAFL125NRS4WST740		Wide Short Throw	900W	125000	139	
LAFL118NRS4NST740		Narrow Short Throw	900W	118000	131	
LAFL90NRS4WST740		Wide Short Throw	580W	90000	155	
LAFL85NRS4NST740		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	
LAFL125FRS4WST740	Wide Short Throw		900W	125000	139	
LAFL118FRS4NST740	Narrow Short Throw		900W	118000	131	
LAFL90FRS4WST740	Wide Short Throw		580W	90000	155	
LAFL85FRS4NST740	Narrow Short Throw		580W	85000	147	

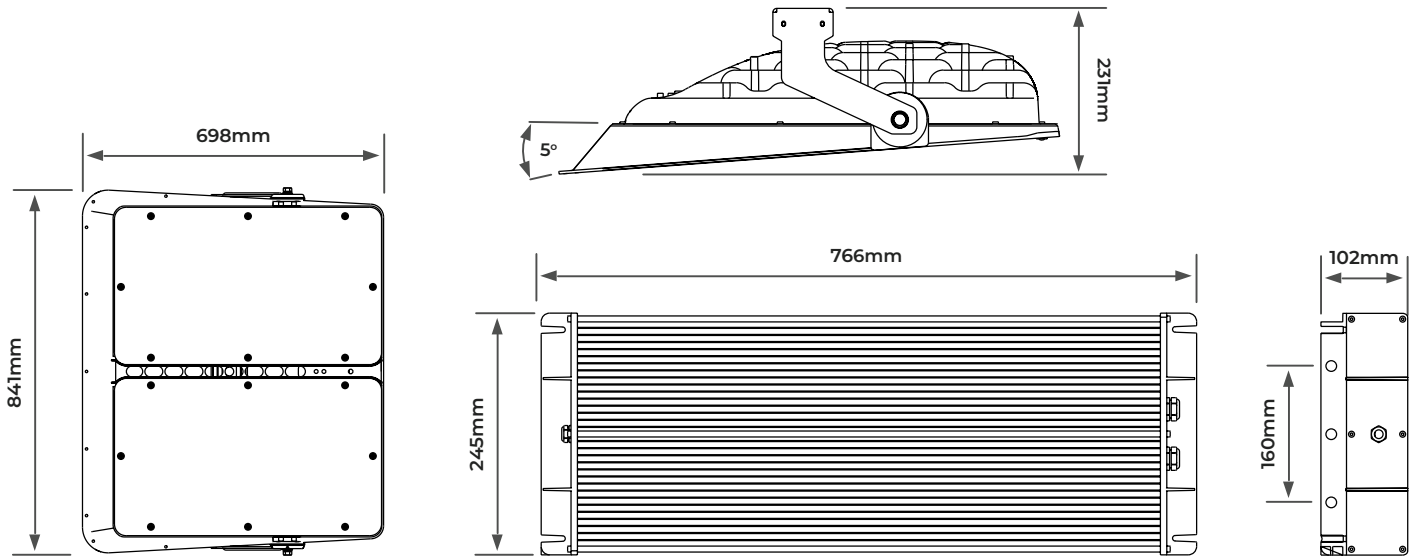
To Specify:

The luminaire shall be manufactured from high pressure die-cast aluminium. It shall have a luminaire efficacy of up to 168 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.

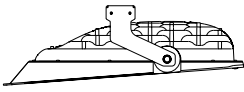
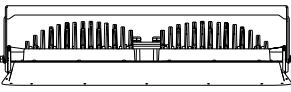
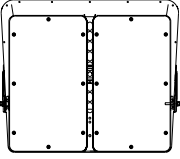
Other Colour Temperatures and CRI Options

Alternative Outputs

Dimmable and 3 Phase Options



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

<p>Windage 1 0.129m²</p> 	<p>2 0.155m²</p> 	<p>3 0.586m²</p> 
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P/N	DRIVER FIXING CENTRES A	WEIGHT OF FLOOD FOR DOUBLE/SINGLE FIXING POINTS	WEIGHT OF GEAR BOX	INPUT VOLTAGE
LAFxxxNRS6yyy...	719 x 245mm	26.3 / 27.4Kg	13.4Kg	220-240V 50/60Hz
LAFxxxFRS6yyy...	594x 245mm	25.4 / 26.5Kg	13Kg	110-277V 50/60Hz
LAFxxx3PFRS6yyy...	594 x 245mm	25.4 / 26.5Kg	13Kg	110-480V 50/60Hz

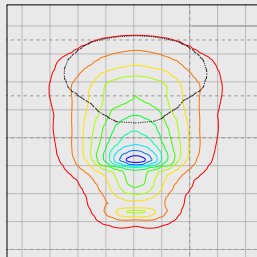
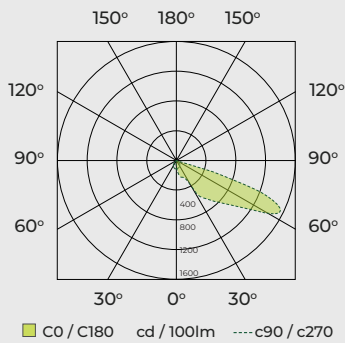
CAT NO.	DRIVER BOX USED	WEIGHT (kg)	VOLTAGE RANGE	IK RATING	TEMP RANGE (°C)	LUMINAIRE LUMENS	L RATED LIFE
LAF187NRS6WST740	Head Mounted	42.9	220-240V	IK08	-20 to 25	187000	L70
LAF175NRS6NST740	Head Mounted	42.9	220-240V	IK08	-20 to 25	177000	L70
LAF125NRS6WST740	Head Mounted	42.9	220-240V	IK08	-20 to 25	125000	L70
LAF118NRS6NST740	Head Mounted	42.9	220-240V	IK08	-20 to 25	118000	L70
LAF125NRS4WST740	Head Mounted	38.9	220-240V	IK08	-20 to 25	125000	L70
LAF118NRS4NST740	Head Mounted	38.3	220-240V	IK08	-20 to 25	118000	L70
LAF190NRS4WST740	Head Mounted	38.9	220-240V	IK08	-20 to 25	90000	L70
LAF185NRS4NST740	Head Mounted	38.9	220-240V	IK08	-20 to 25	85000	L70
LAF169NRS4WST740	LAFDB2X700NS2X2450	35.5	220-240V	IK08	-20 to 25	69000	L70
LAF165NRS4NST740	LAFDB2X700NS2X2450	35.5	220-240V	IK08	-20 to 25	65000	L70
LAF187FRS6WST740	LAFDB3X1400FSW2X11350	40.5	110-277V	IK08	-20 to 25	187000	L70
LAF177FRS6NST740	LAFDB3X1400FSW2X11350	40.5	110-277V	IK08	-20 to 25	177000	L70
LAF125FRS6WST740	LAFDB3X840FSW2X1810	40.5	110-277V	IK08	-20 to 40	125000	L70
LAF118FRS6NST740	LAFDB3X840FSW2X1810	40.5	110-277V	IK08	-20 to 40	118000	L70
LAF125FRS4WST740	LAFDB2X1400FSW2X1900	39.4	110-277V	IK08	-20 to 25	125000	L70
LAF118FRS4NST740	LAFDB2X1400FSW2X1900	39.4	110-277V	IK08	-20 to 25	118000	L70
LAF190FRS4WST740	LAFDB2X100FSW2X1580	39.4	110-277V	IK08	-20 to 40	90000	L70
LAF185FRS4NST740	LAFDB2X100FSW2X1580	39.4	110-277V	IK08	-20 to 40	85000	L70
LAF169FRS4WST740	LAFDB1X1400FSW2X1450	36.2	110-277V	IK08	-20 to 40	69000	L70
LAF165FRS4NST740	LAFDB1X1400FSW2X1450	36.2	110-277V	IK08	-20 to 40	65000	L70

LAFL175NRS6NST740

Luminaire Performance

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

Luminous Intensity

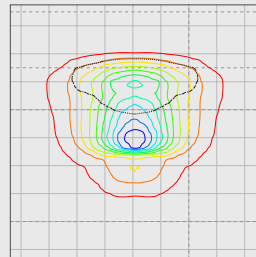
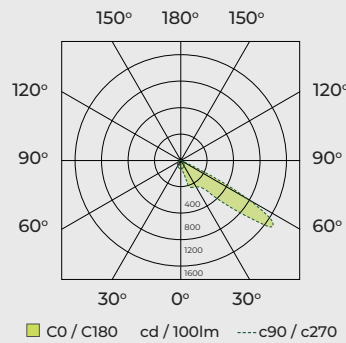


LAFL187NRS6WST740

Luminaire Performance

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

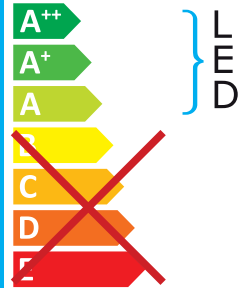
Luminous Intensity



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)

