

## Datasheet

### AMNIS Flood

#### Specification Text

The luminaire shall be manufactured from high pressure die-cast aluminium. It shall have an LED efficacy of up to 150 luminaire lm/W and will be capable of producing up to 188,662 luminaire lumens at 4000K with a CRI >70. It shall have an asymmetric narrow throw optic and is rated at IP66 and IK08.

#### Specification

##### Weights:

Fitting with Separate Driver Fitting only:	28.6 kg
Driver only :	6.2 kg
Fitting with Integral Driver Fitting & integral driver:	32.4 kg

##### Windage:

0.10m<sup>2</sup>

##### Material:

Die-cast Aluminium

##### Paint Finish:

Anthracite Grey

##### Embodied Carbon:

Marine Grade Finish

414 - 743 kg CO<sub>2</sub>e



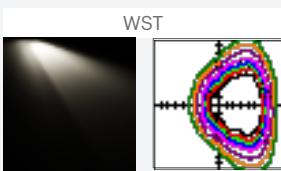
#### Product Description

Designed and engineered in the UK, this powerful flood offers the perfect balance of performance and efficiency. Using reflector technology and tier one components, AMNIS Series ensures excellent uniformity and a glare free distribution, giving pitch perfect results.

#### Key Features

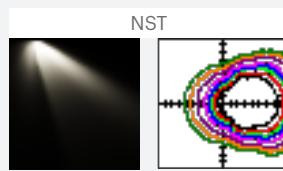
- 900.0W - 1300.0W
- 95,927 - 188,662 Luminaire Lumens
- Efficacy of up to 145 lm/W
- ULOR 0%
- 2700K, 4000K & 5000K, CRI >70 & >80
- IP66, IK08
- Lifetime 100,000hrs, L85, B10 @ 25°C
- Low Windage Profile
- 5° Built in Hood
- Operating Temperature Range -20°C to +40°C
- Low Maintenance Costs
- Flicker Free/ HDTV Ready

#### Optics



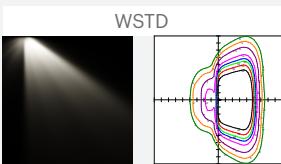
##### Wide Short Throw

Perfect for wider areas, distributes the light outwards increasing spacings



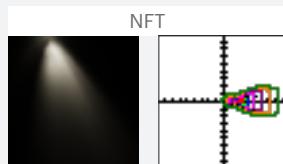
##### Narrow Short Throw

Narrow beam throws light further forward



##### Wide Short Throw Downward

A wide beam with a low peak for direct lighting to pitch edge



##### Narrow Far Throw

Throws light forward at a greater distance with a narrow intensity



Circular Economy Score	
0 to 0.5	Very poor circular economy performance
0.5 to 1.5	Some circular economy functionality
1.5 to 2.5	Definite/ substantial progress to circularity
2.5 to 4.0	Excellent circularity

## Other Options Available

Contact for further details

- Tailored Control Packages
- DMX Lighting Shows
- Photocells
- External Spill Shields
- Bespoke Bracketry

## Mounting Options

- Stirrup Mounted

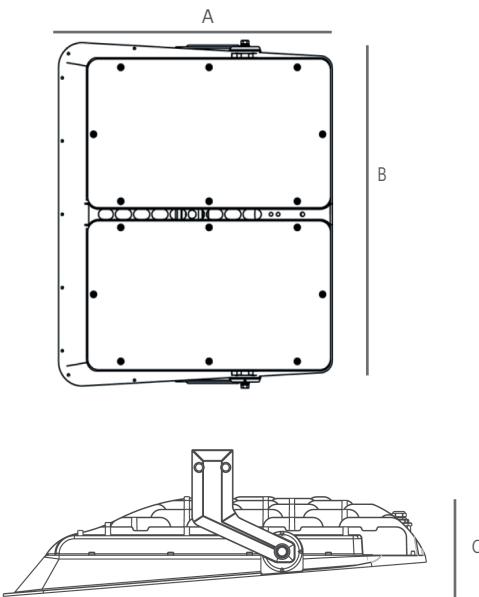


## Dimensions

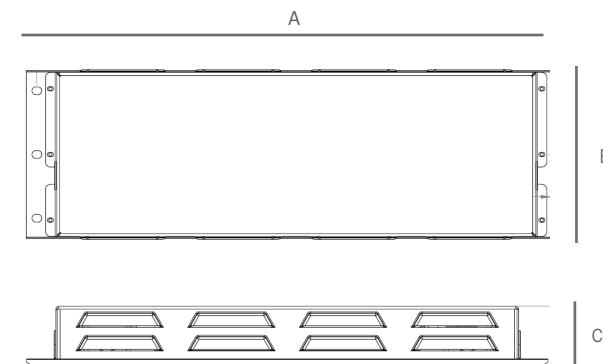
Body Size	A	B	C
Body	841	698	153
Driver	538	174	67.5

All measurements in mm

### Body



### Separate Driver



## AMNIS Flood

Code	Power W	Luminaire Lumens	Drive Current mA	Inrush Current A pk	Optic	CCT (K)	CRI	IP	IK	Weight (kg)		
<b>AMNIS Flood (Separate Driver)</b>												
LAF-WST-740-1300D-03	1,300.0	188,662	5250	13.4	Wide Short Throw	4000	>70	IP66	IK08	34.8	28.6	6.2
LAF-NST-740-1300D-03	1,300.0	176,603	5250	13.4	Narrow Short Throw	4000	>70	IP66	IK08	34.8	28.6	6.2
LAF-WSTB-740-1300D-03	1,300.0	155,542	5250	13.4	Wide Short Throw c/w back shield	4000	>70	IP66	IK08	34.8	28.6	6.2
LAF-NSTB-740-1300D-03	1,300.0	138,921	5250	13.4	Narrow Short Throw c/w back shield	4000	>70	IP66	IK08	34.8	28.6	6.2
LAF-NFT-740-1300D-03	1,300.0	186,716	5250	13.4	Narrow Far Throw	4000	>70	IP66	IK08	34.8	28.6	6.2
LAF-WST-750-1300D-03	1,243.0	183,040	5250	13.4	Wide Short Throw	5000	>70	IP66	IK08	34.8	28.6	6.2
LAF-NST-750-1300D-03	1,243.0	173,781	5250	13.4	Narrow Short Throw	5000	>70	IP66	IK08	34.8	28.6	6.2
LAF-NFT-750-1300D-03	1,243.0	184,798	5250	13.4	Narrow Far Throw	5000	>70	IP66	IK08	34.8	28.6	6.2
LAF-WST-850-1300D-03	1,250.0	170,463	5250	13.4	Wide Short Throw	5000	>80	IP66	IK08	34.8	28.6	6.2
LAF-NST-850-1300D-03	1,250.0	161,360	5250	13.4	Narrow Short Throw	5000	>80	IP66	IK08	34.8	28.6	6.2
LAF-NFT-850-1300D-03	1,251.0	173,044	5250	13.4	Narrow Far Throw	5000	>80	IP66	IK08	34.8	28.6	6.2
LAF-WSTD-740-1300D-03	1,264.0	174,686	5250	13.4	Wide Short Throw Downward	4000	>70	IP66	IK08	34.8	28.6	6.2
LAF-WSTD-750-1300D-03	1,264.0	180,051	5250	13.4	Wide Short Throw Downward	5000	>70	IP66	IK08	34.8	28.6	6.2
LAF-WSTD-850-1300D-03	1,264.0	167,447	5250	13.4	Wide Short Throw Downward	5000	>80	IP66	IK08	34.8	28.6	6.2
<b>AMNIS Flood (Integral Driver)</b>												
LAF-WST-740-900ID-03	900.0	130,585	914	232.0	Wide Short Throw	4000	>70	IP66	IK08	32.4	-	-
LAF-NST-740-900ID-03	900.0	123,604	914	232.0	Narrow Short Throw	4000	>70	IP66	IK08	32.4	-	-
LAF-WSTB-740-900ID-03	900.0	112,525	914	232.0	Wide Short Throw c/w back shield	4000	>70	IP66	IK08	32.4	-	-
LAF-NSTB-740-900ID-03	900.0	95,927	914	232.0	Narrow Short Throw c/w back shield	4000	>70	IP66	IK08	32.4	-	-
LAF-NFT-740-900ID-03	900.0	130,689	914	232.0	Narrow Far Throw	4000	>70	IP66	IK08	32.4	-	-
LAF-WST-750-900ID-03	902.0	134,992	914	232.0	Wide Short Throw	5000	>70	IP66	IK08	32.4	-	-
LAF-NST-750-900ID-03	902.0	125,114	914	232.0	Narrow Short Throw	5000	>70	IP66	IK08	32.4	-	-
LAF-WSTD-740-900ID-03	900.0	122,001	914	232.0	Wide Short Throw Downward	4000	>70	IP66	IK08	32.4	-	-
LAF-WSTD-750-900ID-03	900.0	125,748	914	232.0	Wide Short Throw Downward	5000	>70	IP66	IK08	32.4	-	-
LAF-WSTD-850-900ID-03	900.0	116,946	914	232.0	Wide Short Throw Downward	5000	>80	IP66	IK08	32.4	-	-