



Kingfisher

SPORT

Part of the LUCECOO group of companies

Datasheet

AMNIS Match



Specification Text

The luminaire shall be manufactured from high pressure die-cast aluminium. It shall have an LED efficacy of up to 145 luminaire lm/W and will be capable of producing up to 95,667 luminaire lumens at 4000K with a CRI >70. It shall have an asymmetric narrow throw optic and is rated at IP66 and IK08.

For DarkSky Approved Specification add:
The luminaire shall produce a CCT of 2700K with a fixed bracket mount.



Specification

Weights:

Fitting with Separate Driver

Fitting only:

15.5 kg

Driver only :

5.5 kg

Fitting with Integral Driver

Fitting & integral driver:

17.3 kg

Windage:

0.10m²

Material:

Die-cast Aluminium

Paint Finish:

Anthracite Grey

Marine Grade Finish

Embodied Carbon:

425 - 541 kg CO₂e

Product Description

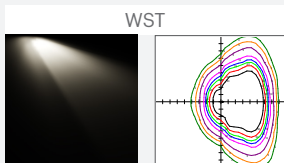
Designed and engineered in the UK this powerful flood offers the perfect balance of performance and efficiency. Using reflector technology and tier one components, AMNIS Series ensures excellent uniformity and a glare free distribution, giving pitch perfect results.



Key Features

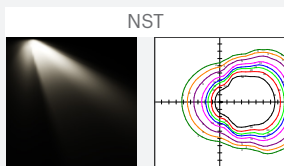
- 450.0W – 665.0W
- 47,439 - 95,667 Luminaire Lumens
- Luminaire efficacy of up to 145 lm/W
- ULOR 0%
- 2700K, 4000K & 5000K, CRI >70 & >80
- IP66, IK08
- Lifetime 100,000hrs L85 B10 at 25°C
- Low Windage Profile
- 5° Built in Hood
- Operating Temperature Range -20°C to +40°C
- Low Maintenance Costs
- Flicker Free/ HDTV Ready

Optics



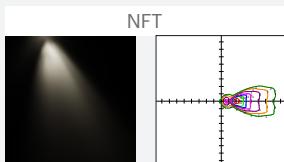
Wide Short Throw

Perfect for wider area, distributes the light outwards increasing spacings



Narrow Short Throw

Narrow beam throws light further forward



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

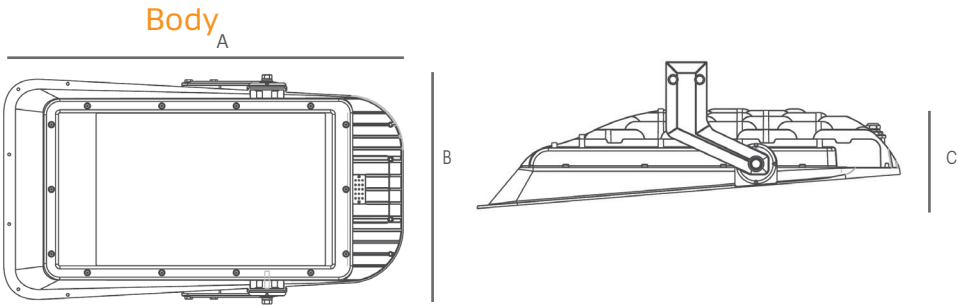
- Stirrup Mounted



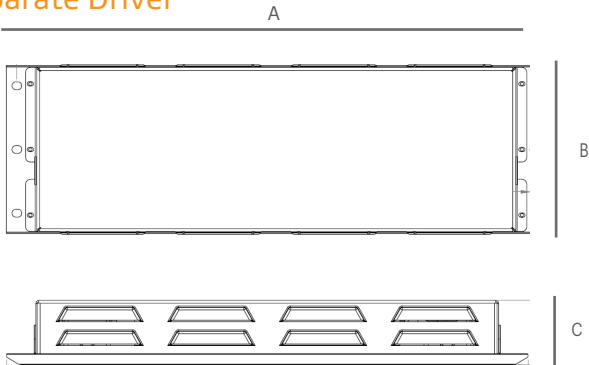
Dimensions

Body Size	A	B	C
Body	808	461	278
Driver	560	174	68

All measurements in mm



Separate Driver



Code	Power W	Luminaire Lumens	Drive Current mA	Inrush Current A pk	Optic	CCT (K)	CRI	IP	IK	Weight (kg)		
AMNIS Match (Separate Driver)										Total	Fitting	Driver
LAFM-NFT-740-665D-03	665.0	95,667	2695	14.8	Narrow Far Throw	4000	>70	IP66	IK08	21.0	15.5	5.5
LAFM-NST-740-665D-03	665.0	89,531	2695	14.8	Narrow Short Throw	4000	>70	IP66	IK08	21.0	15.5	5.5
LAFM-WST-740-665D-03	665.0	95,514	2695	14.8	Wide Short Throw	4000	>70	IP66	IK08	21.0	15.5	5.5
LAFM-NSTB-740-665D-03	665.0	69,189	2695	14.8	Narrow Short Throw c/w back shield	4000	>70	IP66	IK08	21.0	15.5	5.5
LAFM-WSTB-740-665D-03	665.0	82,613	2695	14.8	Wide Short Throw c/w back shield	4000	>70	IP66	IK08	21.0	15.5	5.5
AMNIS Match (Integral Driver)												
LAFM-NFT-740-450ID-03	450.0	65,175	914	116.0	Narrow Far Throw	4000	>70	IP66	IK08	17.3	-	-
LAFM-NST-740-450ID-03	450.0	61,914	914	116.0	Narrow Short Throw	4000	>70	IP66	IK08	17.3	-	-
LAFM-WST-740-450ID-03	450.0	65,353	914	116.0	Wide Short Throw	4000	>70	IP66	IK08	17.3	-	-
LAFM-NSTB-740-450ID-03	450.0	47,439	914	116.0	Narrow Short Throw c/w back shield	4000	>70	IP66	IK08	17.3	-	-
LAFM-WSTB-740-450ID-03	450.0	56,448	914	116.0	Wide Short Throw c/w back shield	4000	>70	IP66	IK08	17.3	-	-