

Product Specification



LED Flood Light High Mast – Large Housing



Product Features

- Available in 300w to 800w
- Quality Meanwell Driver
- 10kV Surge Protector
- Aluminium die cast housing
- Tempered glass face
- Forward throw lens (asymmetric) providing low glare and minimal light spill to meet Australian Standards
- Corrosion resistant polyester powder coat finish
- IP65 Housing
- IK08 Impact Rating



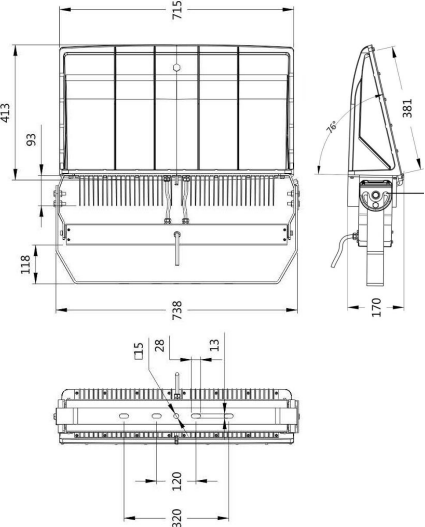
Specification Overview

Model	Power	Dimensions	Colour Temp	Lumens	Beam Angle	Trim Colour	Weight
ST-HML300N-2V	300w	738 x 742 x 170mm	5000K	38,100lm	Forward throw Narrow	Black	27.8kg
ST-HML300N-V	300w	738 x 742 x 170mm	5000K	37,493lm	Forward throw Wide	Black	27.8kg
ST-HML400N-2V	400w	738 x 742 x 170mm	5000K	48,300lm	Forward throw Narrow	Black	28.3kg
ST-HML400N-V	400w	738 x 742 x 170mm	5000K	48,206lm	Forward throw Wide	Black	28.3kg
ST-HML500N-2V	500w	738 x 742 x 170mm	5000K	56,000lm	Forward throw Narrow	Black	28.9kg
ST-HML500N-V	500w	738 x 742 x 170mm	5000K	55,124lm	Forward throw Wide	Black	28.9kg
ST-HML600N-2V	600w	738 x 742 x 170mm	5000K	75,620lm	Forward throw Narrow	Black	28.9kg
ST-HML600N-V	600w	738 x 742 x 170mm	5000K	72,094lm	Forward throw Wide	Black	28.9kg
ST-HML800N-2V	800w	738 x 742 x 170mm	5000K	10,9662lm	Forward throw Narrow	Black	31.1kg
ST-HML800N-V	800w	738 x 742 x 170mm	5000K	10,5950lm	Forward throw Wide	Black	31.1kg

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300w High Mast – Large Housing

Model	Trim Colour	Power	Lumens	CCT	Beam Angle	Dimension	Weight
ST-HML300N-2V	Black	300w	38,100lm	5000K	Asymmetric Narrow	738 x 742 x 170mm	27.8kg
ST-HML300N-V	Black	300w	37,493lm	5000K	Asymmetric Wide	738 x 742 x 170mm	27.8kg

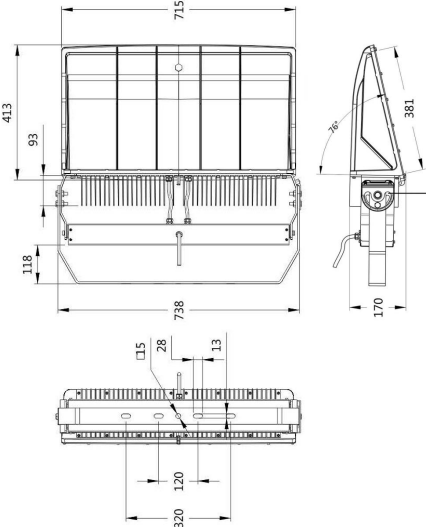
Specification				Dimensions	
CCT	5000K	Earth Leakage	0.75mA		
Efficacy	>125lm/w	Surge Protection (L-N/L-E)	10KV/10KV		
CRI (%)	≥80	Dimmable	Optional (0-10V or Dali)		
Beam Angle	Narrow or Wide options	Housing	Diecast aluminium with toughened glass lens		
Power Input	100~277VAC (180~528V optional)	Housing Colour	Black		
Max. Line Current	1.65A	Lifespan	>50,000 hours		
Inrush Current	70A	Operation Temperature	-40°C~+70°C		
Inrush Duration (@50%)	1010uS	Warranty	5 Years		

Specifications are subject to change without notice

LED Flood Light
400w High Mast – Large Housing

Switch to Excellence

Model	Trim Colour	Power	Lumens	CCT	Beam Angle	Dimension	Weight
ST-HML400N-2V	Black	400w	48,300lm	5000K	Asymmetric Narrow	738 x 742 x 170mm	28.3kg
ST-HML400N-V	Black	400w	48,206lm	5000K	Asymmetric Wide	738 x 742 x 170mm	28.3kg

Specification				Dimensions	
CCT	5000K	Earth Leakage	1.5mA		
Efficacy	>120lm/w	Surge Protection (L-N/L-E)	10KV/10KV		
CRI (%)	≥80	Dimmable	Optional (0-10V or Dali)		
Beam Angle	Narrow or Wide options	Housing	Diecast aluminium with toughened glass lens		
Power Input	100~277VAC (180~528V optional)	Housing Colour	Black		
Max. Line Current	4A	Lifespan	>50,000 hours		
Inrush Current	150A	Operation Temperature	-40°C~+70°C		
Inrush Duration (@50%)	570uS	Warranty	5 Years		

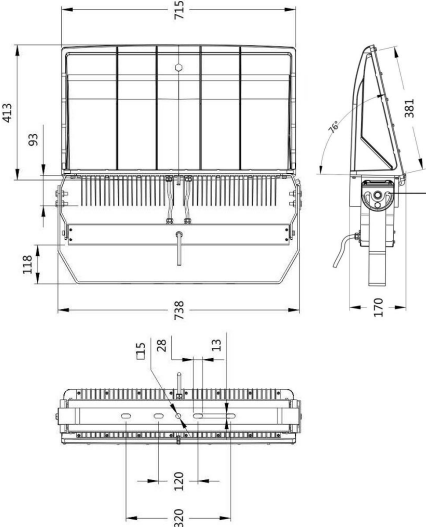
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LED Flood Light

500w High Mast – Large Housing

Switch to Excellence

Model	Trim Colour	Power	Lumens	CCT	Beam Angle	Dimension	Weight
ST-HML500N-2V	Black	500w	56,000lm	5000K	Asymmetric Narrow	738 x 742 x 170mm	28.9kg
ST-HML500N-V	Black	500w	55,124lm	5000K	Asymmetric Wide	738 x 742 x 170mm	28.9kg

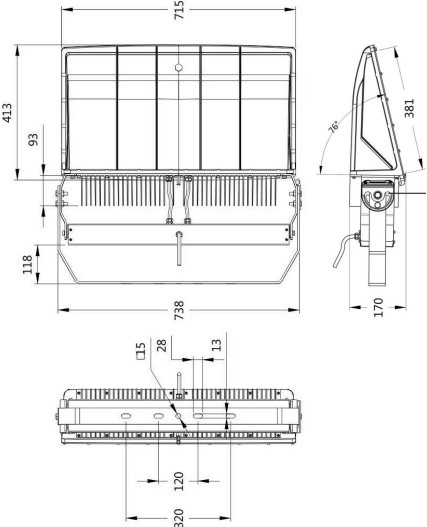
Specification				Dimensions	
CCT	5000K	Earth Leakage	1.5mA		
Efficacy	>112lm/w	Surge Protection (L-N/L-E)	10KV/10KV		
CRI (%)	≥80	Dimmable	Optional (0-10V or Dali)		
Beam Angle	Narrow or Wide options	Housing	Diecast aluminium with toughened glass lens		
Power Input	100~277VAC (180~528V optional)	Housing Colour	Black		
Max. Line Current	4A	Lifespan	>50,000 hours		
Inrush Current	140A	Operation Temperature	-40°C~+70°C		
Inrush Duration (@50%)	1010uS	Warranty	5 Years		

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LED Flood Light

600w High Mast – Large Housing

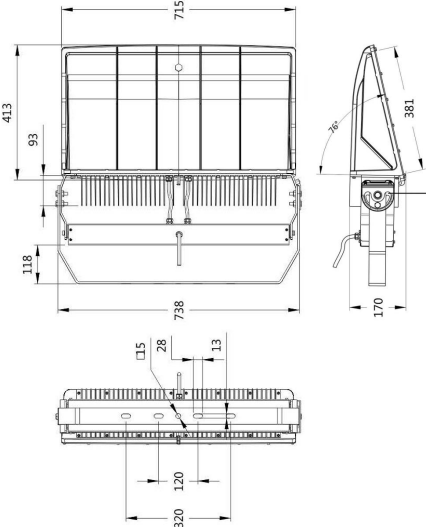
Model	Trim Colour	Power	Lumens	CCT	Beam Angle	Dimension	Weight
ST-HML600N-2V	Black	600w	75,620lm	5000K	Asymmetric Narrow	738 x 742 x 170mm	28.9kg
ST-HML600N-V	Black	600w	72,094lm	5000K	Asymmetric Wide	738 x 742 x 170mm	28.9kg

Specification				Dimensions	
CCT	5000K	Earth Leakage	1.5mA		
Efficacy	>120lm/w	Surge Protection (L-N/L-E)	10KV/10KV		
CRI (%)	≥80	Dimmable	Optional (0-10V or Dali)		
Beam Angle	Narrow or Wide options	Housing	Diecast aluminium with toughened glass lens		
Power Input	100~277VAC (180~528V optional)	Housing Colour	Black		
Max. Line Current	6.3A	Lifespan	>50,000 hours		
Inrush Current	140A	Operation Temperature	-40°C~+70°C		
Inrush Duration (@50%)	1010uS	Warranty	5 Years		

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800w High Mast – Large Housing

Model	Trim Colour	Power	Lumens	CCT	Beam Angle	Dimension	Weight
ST-HML800N-2V	Black	800w	10,9662lm	5000K	Asymmetric Narrow	738 x 742 x 170mm	31.1kg
ST-HML800N-V	Black	800w	10,5950lm	5000K	Asymmetric Wide	738 x 742 x 170mm	31.1kg

Specification				Dimensions	
CCT	5000K	Earth Leakage	3.0mA		
Efficacy	>132lm/w	Surge Protection (L-N/L-E)	10KV/10KV		
CRI (%)	≥80	Dimmable	Optional (0-10V or Dali)		
Beam Angle	Narrow or Wide options	Housing	Diecast aluminium with toughened glass lens		
Power Input	100~277VAC (180~528V optional)	Housing Colour	Black		
Max. Line Current	8A	Lifespan	>50,000 hours		
Inrush Current	300A	Operation Temperature	-40°C~+70°C		
Inrush Duration (@50%)	570uS	Warranty	5 Years		

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Large Housing Drawing

