

Product Specification



LED Flood Light
V24 Commercial Series



Product Features

- Available in 50w, 100w, 150w, 200w, 300w or 400w
- Full range power input 90~305VAC
- -20°C~+60°C Operation Temperature
- Aluminium die cast housing
- Tempered glass face
- Symmetrical or Asymmetrical Beam Options
- IP66 Housing
- IK08 Impact Rating

Options:



Pole Mounted
Head Frames



Mounting Poles



Specification Overview



Model	Power	Dimensions	Colour Temp	Lumens	Beam Angle	Trim Colour	Weight
FL-050S-V	50w	207 x 312 x 53mm	5000K	8,300lm	120°	Black	1.82kg
FL-050A-V	50w	278 x 369 x 52mm	5000K	6,467lm	130/60° Asymmetrical	Black	3.50kg
FL-100S-V	100w	309 x 312 x 53mm	5000K	15,939lm	120°	Black	2.72kg
FL-150S-V	150w	309 x 362 x 53mm	5000K	22,678lm	120°	Black	3.18kg
FL-200S-V	200w	309 x 413 x 53mm	5000K	30,896lm	120°	Black	3.76kg
FL-200A-V	200w	392 x 445 x 57mm	5000K	22,478lm	130/60° Asymmetrical	Black	5.40kg
FL-200S-T	200w	309 x 413 x 53mm	4000K	30,376lm	120°	Black	3.76kg
FL-300S-V	300w	411 x 437 x 61mm	5000K	47,764lm	90° Symmetrical	Black	5.45kg
FL-300A-V	300w	411 x 437 x 61mm	5000K	39,579lm	130/60° Asymmetrical	Black	5.45kg
FL-400S-V	400w	515 x 443 x 62mm	5000K	56,986lm	90° Symmetrical	Black	7.42kg
FL-400S-T	400w	515 x 443 x 62mm	4000K	56,029lm	90° Symmetrical	Black	7.42kg
FL-400A-V	400w	515 x 443 x 62mm	5000K	52,473lm	130/60° Asymmetrical	Black	7.42kg

LED Flood Light
50w V24



Model	Trim Colour	Power	Lumens	CCT	Beam Angle	Dimension	Weight
FL-050S-V	Black	50w	8,300lm	5000K	120° Symmetrical	207 x 312 x 53mm	1.82kg
FL-050A-V	Black	50w	6,467lm	5000K	130/60° Asymmetrical	278 x 369 x 52mm	3.50kg

Specification				Dimensions	
CCT	5000K	Earth Leakage	0.75mA	The technical drawings show the dimensions for the Symmetrical and Asymmetrical lens housings. The Symmetrical housing has a width of 207mm, a height of 312mm, and a depth of 53mm. The Asymmetrical housing has a width of 278mm, a height of 369mm, and a depth of 52mm. Both drawings show a 45-degree beam angle.	
Efficacy	>129lm/w	Surge Protection (L-N/L-E)	4KV/6KV		
CRI (%)	≥80	Dimmable	No		
Beam Angle	120° Symmetrical 130/60° Asymmetrical	Housing	Diecast aluminium with toughened glass lens		
Power Input	90~305VAC	Housing Colour	Black		
Max. Line Current	0.8A	Lifespan	>50,000 hours	The technical drawing shows the dimensions for the Asymmetrical lens housing. It has a width of 278mm, a height of 369mm, and a depth of 52mm. The drawing also shows the IP66 rating.	
Inrush Current	30A	Operation Temperature	-20°C~+60°C		
Inrush Duration (@50%)	82uS	Warranty	5 Years		

Options	Lens Types	
Pole Mounted Head Frames Single Model: SL-HF-1 Double Model: SL-HF-2 Triple Model: SL-HF-3 Available in Galvanised or PC options	Symmetrical	
Mounting Poles Contact for options Available in Galvanised or PC options	Asymmetrical	

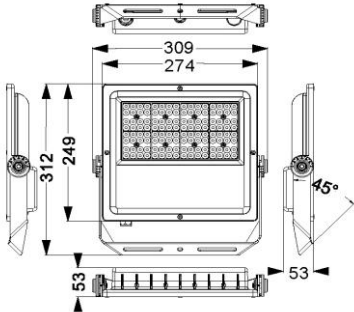
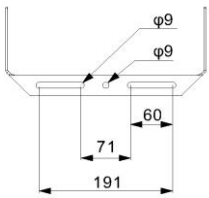
Poles and head frames are available in galvanised or powder coated finishes

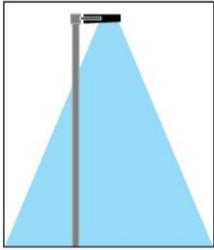
Specifications are subject to change without notice

LED Flood Light
100w V24



Model	Trim Colour	Power	Lumens	CCT	Beam Angle	Dimension	Weight
FL-100S-V	Black	100w	15,939lm	5000K	120°	309 x 312 x 53mm	2.72kg

Specification				Dimensions	
CCT	5000K	Earth Leakage	0.7mA		
Efficacy	>159lm/w	Surge Protection (L-N/L-E)	6KV/6KV		
CRI (%)	≥80	Dimmable	No		
Beam Angle	120°	Housing	Diecast aluminium with toughened glass lens		
Power Input	90~305VAC	Housing Colour	Black		
Max. Line Current	1.5A	Lifespan	>50,000 hours		
Inrush Current	30A	Operation Temperature	-20°C~+60°C		
Inrush Duration (@50%)	118uS	Warranty	5 Years		

Options	Lens Types
 Pole Mounted Head Frames Single Model: SL-HF-1 Double Model: SL-HF-2 Triple Model: SL-HF-3 Available in Galvanised or PC options  Mounting Poles Contact for options Available in Galvanised or PC options	Symmetrical 

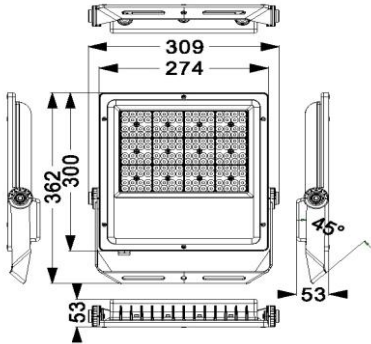
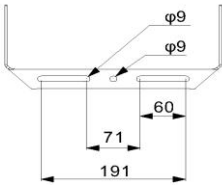
Poles and head frames are available in galvanised or powder coated finishes

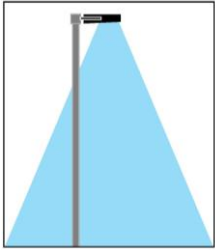
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LED Flood Light
150w V24



Model	Trim Colour	Power	Lumens	CCT	Beam Angle	Dimension	Weight
FL-150S-V	Black	150w	22,678lm	5000K	120°	309 x 362 x 53mm	3.18kg

Specification				Dimensions	
CCT	5000K	Earth Leakage	0.7mA		
Efficacy	>151lm/w	Surge Protection (L-N/L-E)	6KV/6KV		
CRI (%)	≥80	Dimmable	No		
Beam Angle	120°	Housing	Diecast aluminium with toughened glass lens		
Power Input	90~305VAC	Housing Colour	Black		
Max. Line Current	2.0A	Lifespan	>50,000 hours		
Inrush Current	73.5A	Operation Temperature	-20°C~+60°C		
Inrush Duration (@50%)	108uS	Warranty	5 Years		

Options	Lens Types
 Pole Mounted Head Frames Single Model: SL-HF-1 Double Model: SL-HF-2 Triple Model: SL-HF-3 Available in Galvanised or PC options  Mounting Poles Contact for options Available in Galvanised or PC options	Symmetrical 

Poles and head frames are available in galvanised or powder coated finishes

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LED Flood Light
200w V24



Model	Trim Colour	Power	Lumens	CCT	Beam Angle	Dimension	Weight
FL-200S-V	Black	200w	30,896lm	5000K	120° Symmetrical	309 x 413 x 53mm	3.76kg
FL-200A-V	Black	200w	22,478lm	5000K	130/60° Asymmetrical	392 x 445 x 57mm	5.40kg
FL-200S-T	Black	200w	30,376lm	4000K	120° Symmetrical	309 x 413 x 53mm	3.76kg

Specification				Dimensions	
CCT	5000K or 4000K	Earth Leakage	0.75mA	Symmetrical Lens Housing Asymmetrical Lens Housing	
Efficacy	>112lm/w	Surge Protection (L-N/L-E)	6KV/6KV		
CRI (%)	≥80	Dimmable	No		
Beam Angle	120° Symmetrical 130/60° Asymmetrical	Housing	Diecast aluminium with toughened glass lens		
Power Input	90~305VAC	Housing Colour	Black		
Max. Line Current	2.4A	Lifespan	>50,000 hours	Asymmetrical Lens Housing	
Inrush Current	48.2A	Operation Temperature	-20°C~+60°C		
Inrush Duration (@50%)	370uS	Warranty	5 Years		

Options	Lens Types
Pole Mounted Head Frames Single Model: SL-HF-1 Double Model: SL-HF-2 Triple Model: SL-HF-3 Available in Galvanised or PC options Mounting Poles Contact for options Available in Galvanised or PC options	Symmetrical Asymmetrical

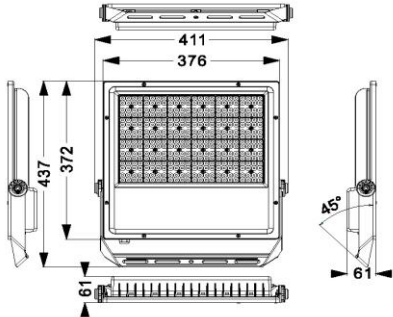
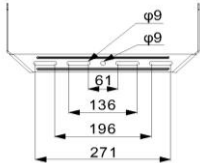
Poles and head frames are available in galvanised or powder coated finishes

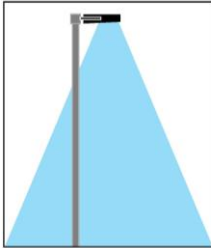
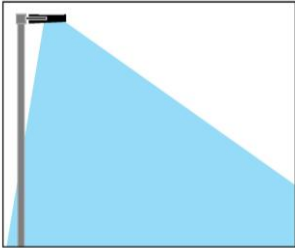
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LED Flood Light
300w V24



Model	Trim Colour	Power	Lumens	CCT	Beam Angle	Dimension	Weight
FL-300S-V	Black	300w	47,764lm	5000K	90° Symmetrical	411 x 437 x 61mm	5.45kg
FL-300A-V	Black	300w	39,579lm	5000K	130/60° Asymmetrical	411 x 437 x 61mm	5.45kg

Specification				Dimensions	
CCT	5000K	Earth Leakage	1.4mA		
Efficacy	>131lm/w	Surge Protection (L-N/L-E)	6KV/6KV		
CRI (%)	≥80	Dimmable	No		
Beam Angle	90° Symmetrical 130/60° Asymmetrical	Housing	Diecast aluminium with toughened glass lens		
Power Input	90~305VAC	Housing Colour	Black		
Max. Line Current	4.0A	Lifespan	>50,000 hours		
Inrush Current	147A	Operation Temperature	-20°C~+60°C		
Inrush Duration (@50%)	108uS	Warranty	5 Years		

Options	Lens Types	
 Pole Mounted Head Frames Single Model: SL-HF-1 Double Model: SL-HF-2 Triple Model: SL-HF-3 Available in Galvanised or PC options	 	
 Mounting Poles Contact for options Available in Galvanised or PC options		

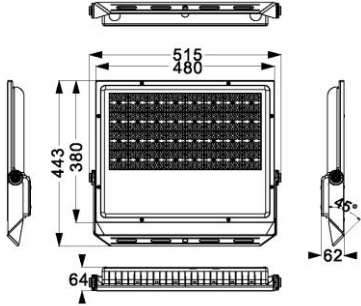
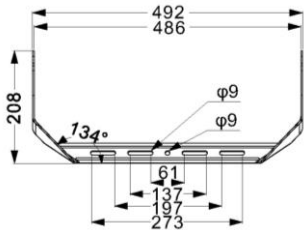
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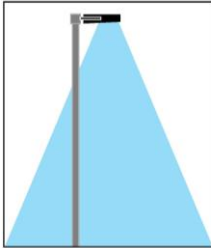
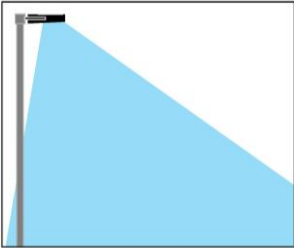
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LED Flood Light
400w V24



Model	Trim Colour	Power	Lumens	CCT	Beam Angle	Dimension	Weight
FL-400S-V	Black	400w	56,986lm	5000K	120° Symmetrical	309 x 413 x 53mm	3.76kg
FL-400S-T	Black	400w	56,029lm	4000K	130/60° Asymmetrical	309 x 413 x 53mm	3.76kg
FL-400A-V	Black	400w	52,473lm	5000K	120° Symmetrical	309 x 413 x 53mm	3.76kg

Specification				Dimensions	
CCT	5000K or 4000K	Earth Leakage	1.4mA		
Efficacy	>131lm/w	Surge Protection (L-N/L-E)	6KV/6KV		
CRI (%)	≥80	Dimmable	No		
Beam Angle	90° Symmetrical 130/60° Asymmetrical	Housing	Diecast aluminium with toughened glass lens		
Power Input	90~305VAC	Housing Colour	Black		
Max. Line Current	4.8A	Lifespan	>50,000 hours		
Inrush Current	96.4A	Operation Temperature	-20°C~+60°C		
Inrush Duration (@50%)	370uS	Warranty	5 Years		

Options	Lens Types
 Pole Mounted Head Frames Single Model: SL-HF-1 Double Model: SL-HF-2 Triple Model: SL-HF-3 Available in Galvanised or PC options  Mounting Poles Contact for options Available in Galvanised or PC options	 Symmetrical  Asymmetrical

Poles and head frames are available in galvanised or powder coated finishes

Specifications are subject to change without notice