

TITAN 220

Highly efficient LED floodlight designed specifically for high mast and large area lighting. LED control gear driving 48 LEDs at 1.4A with asymmetrical distribution. IP66, Class I protection with 6kV Surge Protection.

Body: recyclable, extruded aluminium and powder-coated steel. Optic Enclosure: PMMA Weather-proof lenses. Reversible mounting bracket supplied, optional spigot adaptors available separately for post-top.

CE LED IP66  

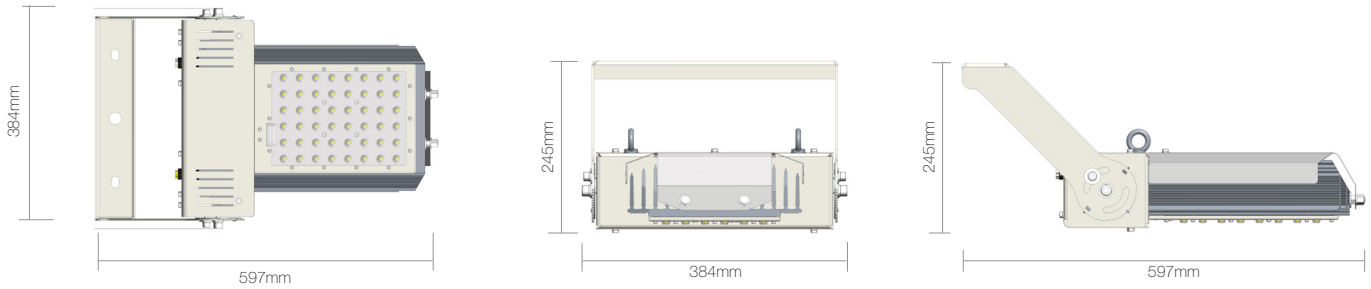


Technical data

Performance		Active Power F.C.	
Luminaire Output	Up to 26.000lm	Active Power F.C.	0.95
Power Absorption	220w	Surge Protection	15kA, IEEE C62.41.2 Location Category C High
Lumen Maintenance [L80 B10]	119.000h	Insulation class	IEC Class I
Lumen Maintenance [L70 B50]	190.000h	Short Circuit Protection	Auto-recovery
		Over Heat Protection	Drops output current
Optoelectronics		Operation Conditions	
CRI	70 - 80 - 90	Working temperature	-40°C / +50°C
Colour Temperature	<ul style="list-style-type: none"> • 3000K Warm White • 4000K Neutral White • 5000K Pure White • 5700K Cool White 	Humidity Range	0% - 94%
Secondary Optics	Weather proof, Anti-yellowing PMMA refraction matrix		
No of LEDs	48		
Luminaire Body		Normative reference	
Chassis and Bracket	Stainless Steel	EN 60598-1:2008 + A11: 2009 - Luminaires - Part 1: General requirements and tests	
Metal Finish	Powder Coating	EN 60598-2-5:2003 - Luminaires - Part 2-5: Particular requirements - Floodlights	
Heatsinks	Anodized Extruded Aluminium (Copper Content <0.1%)	EN 62031:2008 + A1: 2013 - LED modules for general lighting - Safety specifications	
Bracket	Angled Reversible bracket, M20 or 2 x M14 Fixing points	EN 62493-2010 - Assessment of lighting equipment related to human exposure to electromagnetic fields	
Weight	13.5 kg	EN 60529:1991 + A1:2000 + A2:2013 - Degrees of protection provided by enclosures (IP Code)	
Dimensions (L-W-H)	445-340-145mm	IEC 60068-2-52 - Environmental test: Salt mist test	
Protection Level	IP66	EN 55015: 2003 - Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment	
Impact Resistance	IK09	EN 61547: 2009 - Equipment for general lighting purposes - EMC immunity requirements	
Windage EPA	0.065 m2	EN 61000-3-2: 2006 + A1: 2009 + A2: 2009 - Electromagnetic compatibility (EMC) -- Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)	
Electronics		EN 61000-3-3: 20013 - Electromagnetic compatibility (EMC) -- Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection	
Voltage input	90-305 VAC 50-60Hz		

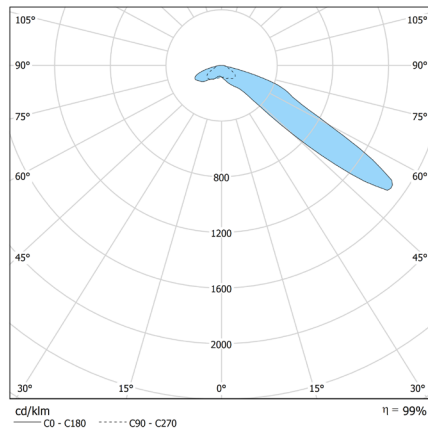
Dimensions

TITAN 220

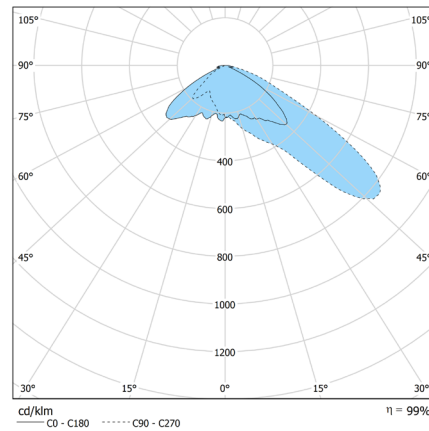


Photometrics

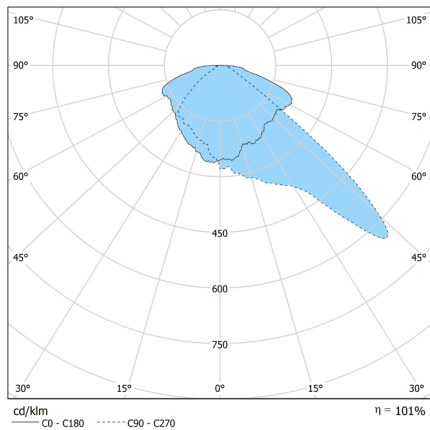
FH Flood light high asymmetry



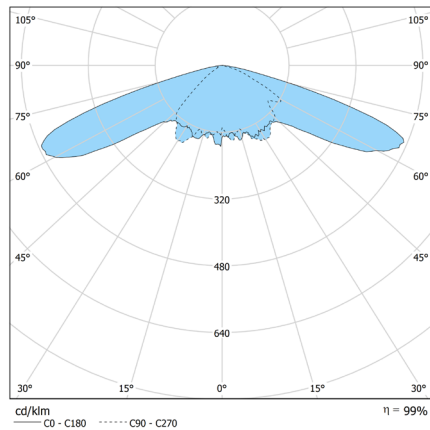
FL Flood light low asymmetry



SA street optic



ST symmetrical wide



Ordering codes

Product Family	Power	Optic	CCT	Body Material	Control System	Body Colour	Optional
T (Titan)	22	FH	A (5000k)	T (3CR12 Stainless Steel)	10 (0-10v)	T (Black and White)	00
		FL	B (4000k)	M (AISI 316 Stainless Steel)	DA (DALI)	H (High Heat White)	02 (Integrated SPD)
		SA	C (3000K)				04 (In and Out DALI connectors)
		ST	D (5700k)				

Example: T22FLAT10H00



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