

HIGH-POWER FLOODLIGHTS



PHOENIX CHALLENGER

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The Phoenix Challenger is a stainless-steel Floodlight/Bulkhead suitable for a wide range of applications. It features a die-cast stainless steel body that can withstand temperatures from -40°C to 50°C standard and 0°C to 50°C in emergency mode. It is designed with 3CCT (5000K/4000K/3000K) and 3 modes of mounting (Spigot, Stirrup & U Bracket). The Phoenix Challenger is a superior fitting that is designed for dusty, hot and dry Australian mining conditions.



TYPICAL APPLICATIONS



Coal & Metalliferous Mine Process Plants, Quarries, Campsite Area Lighting, General Area Lighting Car Parks, Conveyors, Pedestrian Access Road Ways, Stacker/Reclaimers, Stairwells, Tunnels, Walkways, Bulkheads.

SPECIFICATIONS

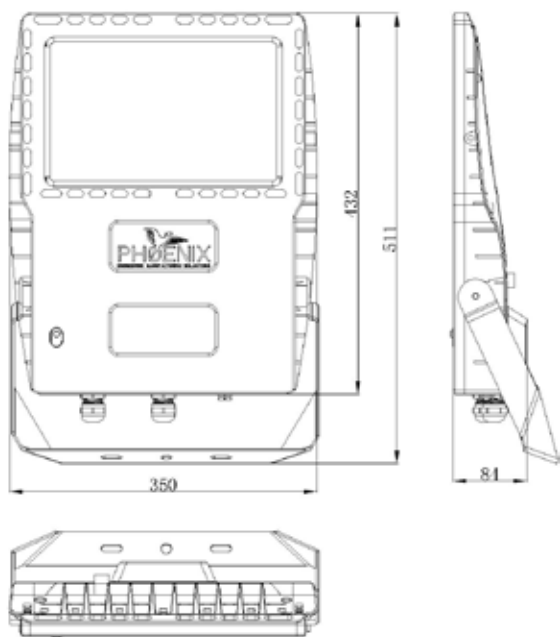
Model No:	PLICHA50	PLICHA100	PLICHA150
Optical Characteristics			
Rated Wattage	50W	100W	150W
Lumens	6750	13500	20250
System Efficacy	135Lm/W		
Colour Temperature CCT	3CCT		
CRI (Ra)	>70		
Reported L70	>50,000 Hours		
Lens Optic Type	155° x 60°		
Electrical Characteristics			
Input	90-305VAC		
Frequency	50Hz		
Power Factor	>0.95/230VAC		
Total Harmonic Distortion	<15%		
Environment			
IP Rating	IP66		
Impact Rating	IK08		
Operating Temperature	-40°C To 50°C (0°C To 50°C w Emergency Battery)		
Product Material and Mounting			
Option 1	Spigot Mount (For OD 27-38MM Pipe)		
Option 2	U Bracket (For Square Pole)		
Option 3	Stirrup Mount (For Ceiling/Wall)		
Product Material	Die-cast 316 Stainless Steel		
Lens / Optics Material	PC Lens		
Dimensions and Weights			
Product Dimensions	432*350*84		
Product Weight	19.0KG		
Packing Dimensions	550*460*120		
Gross Weight	20.0KG		
Warranty and Certifications			
Warranty	5 Year Warranty		
Certifications	SAA		

SAA / Zone 1, 2, 21, 22 Pending Approval

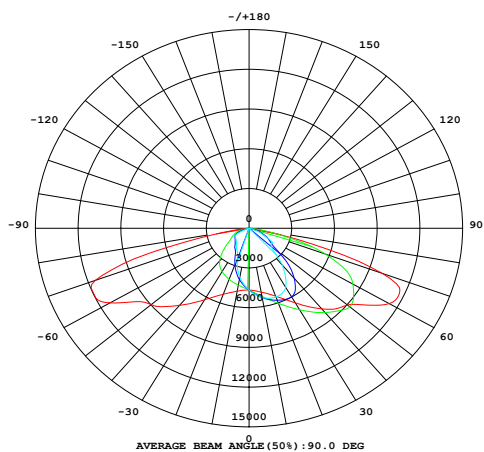


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DIMENSIONS



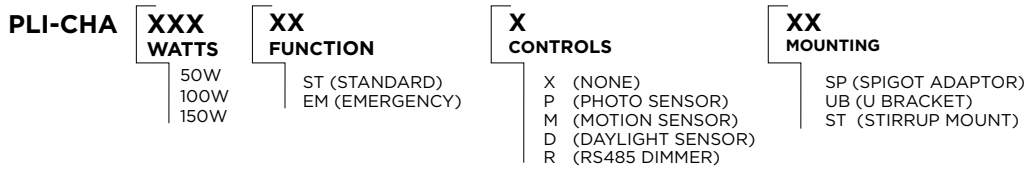
PHOTOMETRIC DIAGRAMS



155° x 60°

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ORDERING METHODOLOGY



ACCESSORIES

- | | |
|-----------------|-------------|
| SPIGOT ADAPTOR | PLICHA/SP |
| U BRACKET | PLICHA/UB |
| STIRRUP MOUNT | PLICHA/SM |
| PHOTO SENSOR | PLICHA/P |
| MOTION SENSOR | PLICHA/M |
| DAYLIGHT SENSOR | PLICHA/D |
| RS485 DIMMER | PLICHA/R |
| NEMA RECEPTACLE | PLICHA/NEMA |

MOUNTING OPTIONS



Spigot Mount



U Bracket



Stirrup Mount

