TUNNEL/CONVEYOR/PLANT LIGHTS

PHOENIX MASTER

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The Phoenix Master is a brand-new state of the art competitive universal solution for Tunnels, Conveyor & Plant lighting applications. The patented design appearance enables the lamp to have a self-cleaning function to avoid dust collection and its double anti-thunder technology allows the fixture to operate smoothly in extreme conditions. The Phoenix Master also features a built-in 3CCT colour temperature adjustment or the choice of 2200K Amber Turtle Friendly and Green Eyewash.

TYPICAL APPLICATIONS

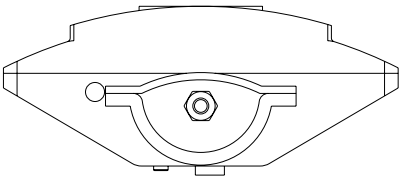
Mining, MIA (Mining Infrastructure Area), Coal, Open Cuts, Metalliferous, Iron Ore, Industrial, Processing Plants, Materials Handling, Lithium Processing, Power Generation, Energy & Utilities, Water & Waste Water, Ports, Wharfs & Waterways, Chemical & Processing, Ports & Wharves, Airports, Car Parks, General Area Lighting, Container Terminals

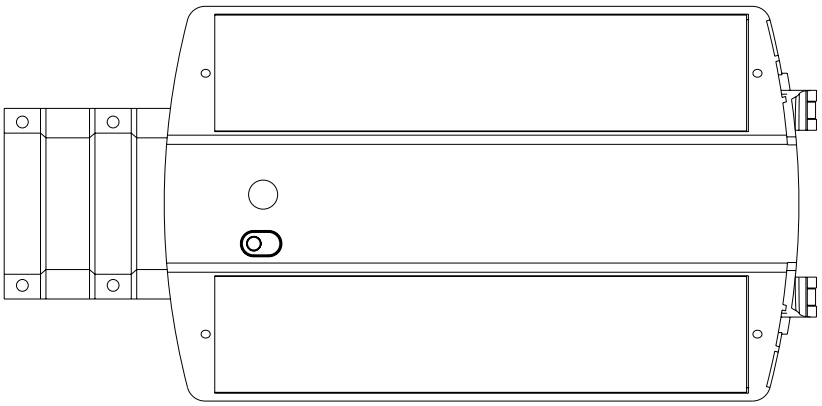
SPECIFICATIONS

Model	PLIPHXM50	PLIPHXM70
Optical Characteristics		
Rated Wattage	50W	70W
Lumens	6750	9450
System Efficacy	135Lm/W	
Colour Temperature CCT	3CCT (2200K Amber Turtle Friendly / Green Eyewash)	
CRI (Ra)	>70	
Reported L70	>50,000 Hours	
Lens Optic Type	Type II / Type V	
Electrical Characteristics		
Input	100-240AC	
Frequency	50/60Hz	
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	
Option 2	Trunnion Mount	
Option 3	Stirrup Mount	
Product Material	Die Cast Aluminum	
Lens / Optics Material	Tempered Glass Lens	
Dimensions and Weights		
Product Dimensions	420*250*96	
Product Weight	5.5KG	
Packing Dimensions	501*219*78	
Gross Weight	6.5KG	
Warranty and Certifications		
Warranty	5 Year Warranty	
Certifications	SAA	

DIMENSIONS

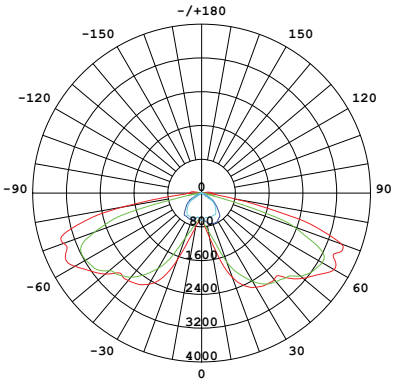
420*250*96



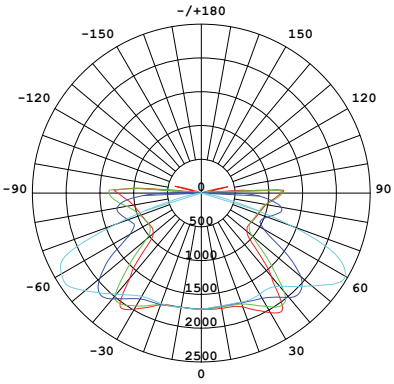


PHOTOMETRIC DIAGRAMS

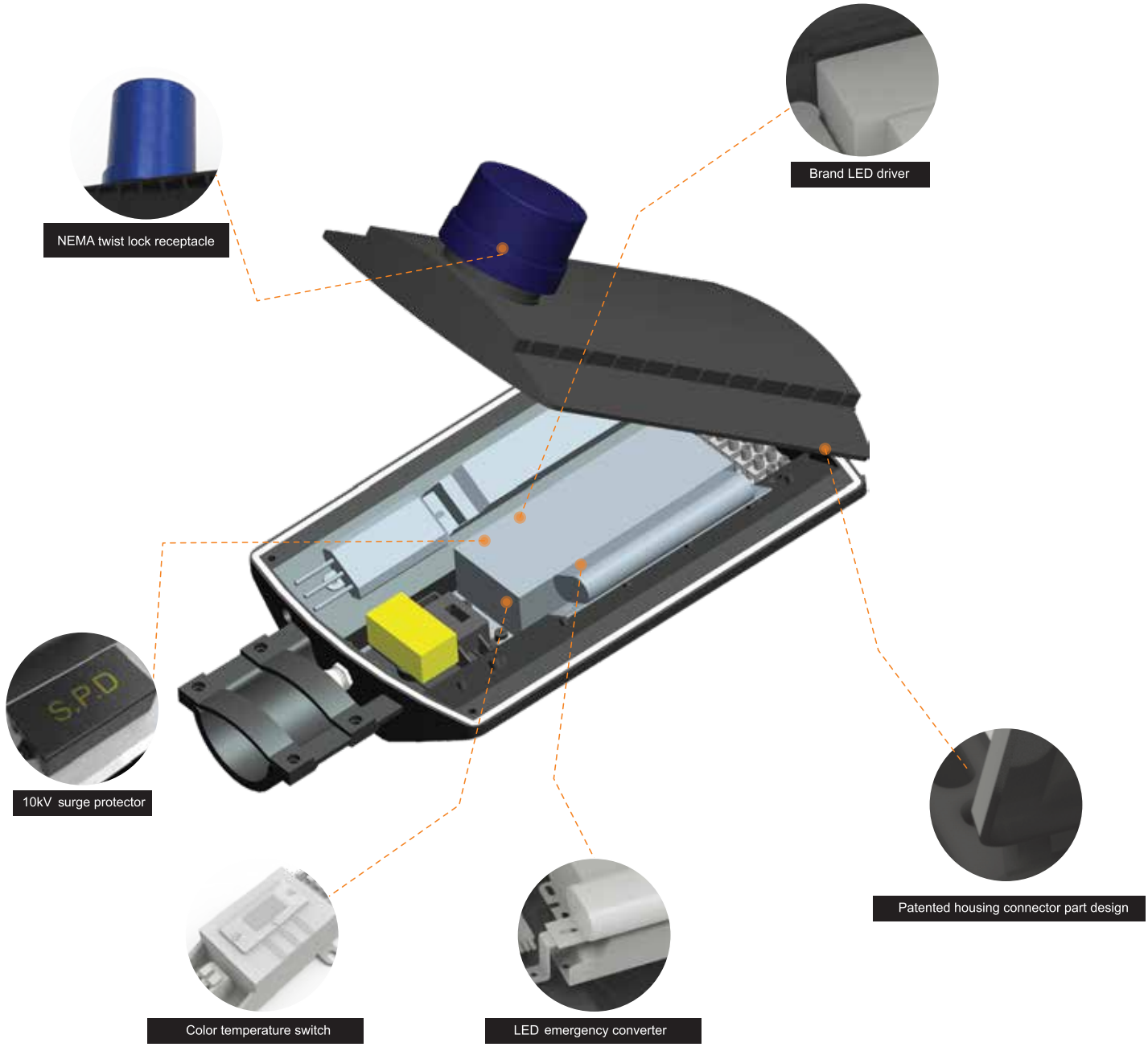
TYPE II

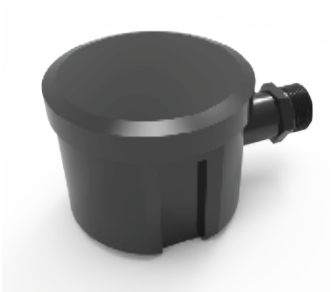


TYPE V

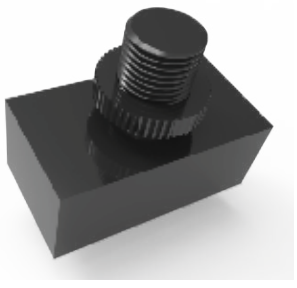


BULKHEAD MINING FITTING STRUCTURE CHART





Motion Sensor (Optional)



Daylight Sensor (Optional)

TUNNEL/CONVEYOR/PLANT LIGHTS

ORDERING METHODOLOGY

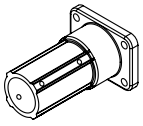
PLI-PHXM

XX WATTS	X CCT	XX LENS TYPE	XX FUNCTION	X CONTROLS	XX MOUNTING
50W	3 (3CCT)	T2 (TYPE II)	ST (STANDARD)	X (NONE)	SP (SPIGOT)
70W	A (2200K AMBER TURTLE FRIENDLY)	T5 (TYPE V)	EM (EMERGENCY)	P (PHOTO SENSOR)	ST (STIRRUP)
	G (GREEN)			M (MOTION SENSOR)	TM (TRUNNION MOUNT)
				D (DAYLIGHT SENSOR)	
				R (RS485 DIMMER)	

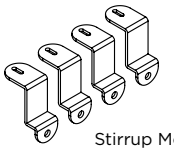
ACCESSORIES

SPIGOT ADAPTOR	PLIPHXM/SP
STIRRUP MOUNT	PLIPHXM/ST
TRUNNION MOUNT	PLIPHXM/TM
PHOTO SENSOR	PLIPHXM/P
MOTION SENSOR	PLIPHX/M
DAYLIGHT SENSOR	PLIPHXM/D
RS485 DIMMER	PLIPHXM/R
NEMA RECEPTACLE	PLIPHXM/N
VISOR	PLIPHXM/VIS

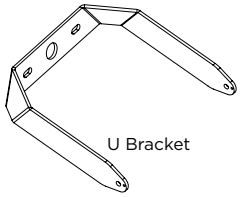
MOUNTING OPTIONS



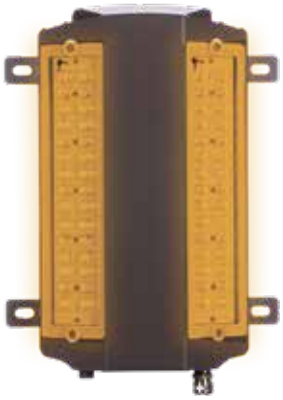
Spigot Mount



Stirrup Mount



U Bracket



Amber Turtle Friendly Available

Green Eyewash Available