

HAZARDOUS AREA



**WARRIOR**

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## WARRIOR

The Warrior is a new generation LED linear floodlight designed for Zone 1 & 21 hazardous areas. It features a low profile design allowing installation in work areas with low ceiling height. The Warrior has a UV stable and impact resistant clear or diffused PC lens (Standard) to minimise glare and a wiring access cover with captive screws for end to end feed through wiring.



## TYPICAL APPLICATIONS



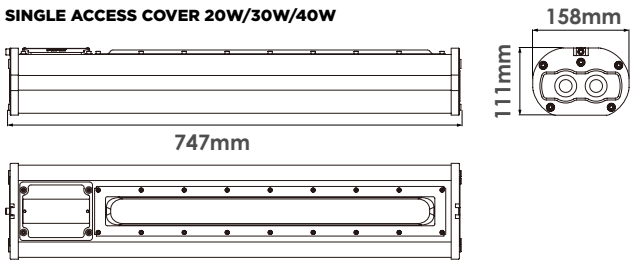
Coal & Metalliferous Mine Process Plants, Quarries, Campsite Area Lighting, General Area Lighting Car Parks, Conveyors, Pedestrian Access Road Ways, Stacker/Reclaimers, Stairwells, Tunnels, Walkways Bulkheads.

## SPECIFICATIONS

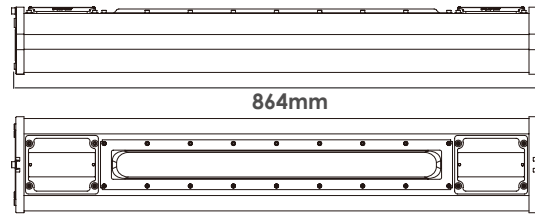
Model	PLIWAR20	PLIWAR30	PLIWAR40	PLIWAR50	PLIWAR60	PLIWAR80	PLIWAR100
<b>Optical Characteristics</b>							
Rated Wattage	20W	30W	40W	50W	60W	80W	100W
Lumens	2400	3600	4800	6000	7200	9600	12000
System Efficacy	120Lm/W						
Colour Temperature CCT	5700K (5000K / 4000K)						
CRI (Ra)	>70						
Reported L70	>100,000 Hours at 25° Ambient						
Lens Optic Type	110°						
<b>Electrical Characteristics</b>							
Input	AC120-277V						
Frequency	50Hz (Optional 60Hz)						
Powerfactor	>0.95						
Total Harmonic Distortion	<20%						
<b>Environment</b>							
IP Rating	IP66						
Impact Rating	IK10						
Operating Temperature	-40°C To 55°C						
<b>Product Material and Mounting</b>							
Option 1	Ceiling Mount Bracket						
Option 2	Eyebolt						
Option 3	Wall Mount						
Option 4	Pipe Clamp Mount						
Product Material	Marine Grade Aluminium						
Lens / Optics Material	PC Lens						
<b>Dimensions and Weights</b>							
Product Dimensions	Refer to dimensions below						
Product Weight	6.7KG			9.9KG			
Packaging Dimensions	920*220*170			1505*220*170			
Gross Weight	7.7KG			10.9KG			
<b>Warranty and Certifications</b>							
Warranty	5 Year Warranty						
Certifications	IECEX / CE / RoHS						
Classification	Zone 1 & 21						
Rating	IECEX/Gas: Ex db eb mb IIC T6 Gb IECEX/Dust: Ex tb IIIC T80°C Db Gas: II 2 G Ex db eb mb op is IIC T6 Gb Dust: II 2 D Ex op is tb IIIC T80°C Db						

## DIMENSIONS

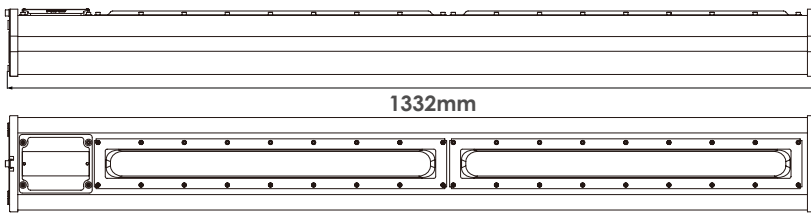
**SINGLE ACCESS COVER 20W/30W/40W**



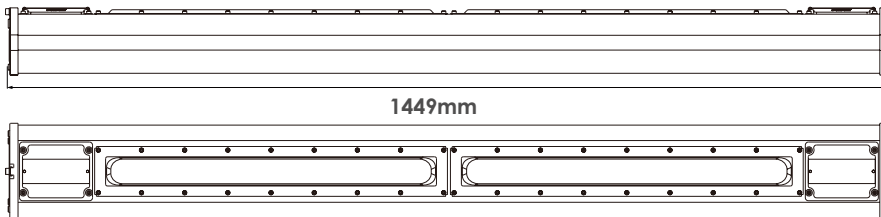
**TWIN ACCESS COVER 20W/30W/40W**



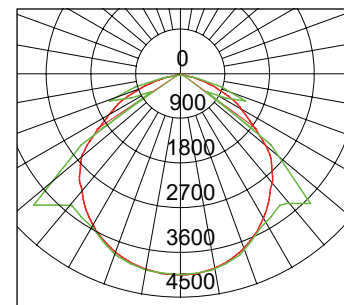
**SINGLE ACCESS COVER 40W/50W/60W/80W/100W**



**TWIN ACCESS COVER 40W/50W/60W/80W/100W**



## PHOTOMETRIC DIAGRAMS



110°



## ORDERING METHODOLOGY

### PLI-WAR

#### XXX WATTS

- 20W
- 30W
- 40W
- 50W
- 60W
- 80W
- 100W

#### XX CCT

- 57 (5700K)
- 50 (5000K)
- 40 (4000K)

#### XX FUNCTION

- ST (STANDARD)
- EM (EMERGENCY)

#### X DIMENSIONS

- A (747\*158\*111 SINGLE ACCESS COVER 20W/30W/40W)
- B (864\*158\*111 TWIN ACCESS COVER 20W/30W/40W)
- C (1332\*158\*111 SINGLE ACCESS COVER 50W/60W/80W/100W)
- D (1332\*158\*111 TWIN ACCESS COVER 50W/60W/80W/100W)

## ACCESSORIES

- LOW CEILING MOUNT BRACKET
- HIGH CEILING MOUNT BRACKET
- EYEBOLT
- WALL MOUNT SWIVEL BRACKET
- WALL MOUNT OUTREACH BRACKET 0.6M
- WALL MOUNT OUTREACH BRACKET 0.6M
- WALL MOUNT OUTREACH BRACKET 1.2M
- PIPE CLAMP BRACKET 40-45MM
- PIPE CLAMP BRACKET 47-51MM
- PIPE CLAMP BRACKET 54-57MM
- PIPE CLAMP BRACKET 58-62MM

- PLIWAR/LCM
- PLIWAR/HCM
- PLIWAR/EB
- PLIWAR/WM
- PLIWAR/WMO60
- PLIWAR/WMO60
- PLIWAR/WM120
- PLIWAR/PC40
- PLIWAR/PC47
- PLIWAR/PC54
- PLIWAR/PC58

**LOW CEILING MOUNT BRACKET**



**HIGH CEILING MOUNT BRACKET**



**EYEBOLT MOUNT**



**WALL MOUNT SWIVEL BRACKET**



**WALL MOUNT OUTREACH BRACKET**



**POLE MOUNT CLAMP**

