

HAZARDOUS AREA



CHIEF

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The Chief is an excellent choice for Hazardous Area Lighting and is suitable for a wide range of applications. It features a low-profile, lightweight design and has an impact resistant polycarbonate clear or diffused lens. The Chief's light distribution will project uniform illumination throughout the entire space and it's low maintenance costs reduce power consumption by over 50%.

- Environmentally Friendly 50,000 Hours Lifetime
- Superior colour rendering index compared to HPS, LPS or MV
- Low temperature applications to -40°C and high temperature up to 55°C
- Temperature compensation technology for longer life



TYPICAL APPLICATIONS

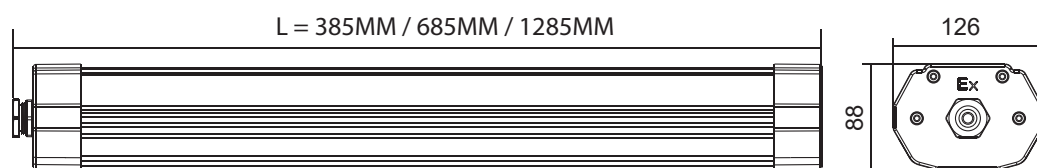


Coal & Metalliferous Mine Process Plants, Quarries, Campsite Area Lighting, General Area Lighting Car Parks, Conveyors, Pedestrian Access Road Ways, Stacker/Reclaimers, Stairwells, Tunnels, Walkways, Bulkheads.

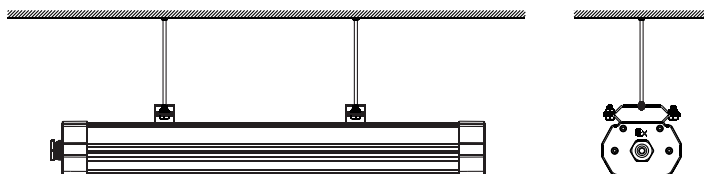
SPECIFICATIONS

Model:	PLICHI24	PLICHI36	PLICHI36	PLICHI50	PLICHI60	PLICHI72	PLICHI80
Optical Characteristics							
Rated Wattage	24W	36W	36W	50W	60W	72W	80W
Lumens	2640	3960	3960	5500	6600	7920	8800
System Efficacy	110Lm/W						
Colour Temperature CCT	5000K (6000K / 4000K / 3000K)						
CRI (Ra)	>75						
Reported L70	>50,000 Hours						
Lens Optic Type	180°						
Electrical Characteristics							
Input	100-277VAC						
Frequency	50/60Hz						
Power Factor	>0.95						
Total Harmonic Distortion	N/A						
Environment							
IP Rating	IP66						
Impact Rating	IK10						
Operating Temperature	-40°C To 55°C						
Product Material and Mounting							
Option 1	Ceiling Mount A/B						
Option 2	Wall Mount A/B						
Option 3	Pendant Pole Mount						
Option 4	Pendant Chain Mount						
Option 5	Beam Clamp Mount						
Option 6	Pole Mount						
Product Material	Aluminium Housing						
Lens/Optics Material	Clear Lens or Diffused Lens						
Dimensions and Weights							
Product Dimensions	385*126*88	685*126*88	1285*126*88				
Product Weight	2.8KG	4.5KG	7.5KG				
Gross Weight	4.0KG	6.0KG	9.7KG				
Warranty and Certifications							
Warranty	5 Year Warranty						
Certifications	IECEX / CE / RoHS						
Classification	Zone 1 & 21 / Zone 2 & 22						
Rating	IECEX/Gas: II 2 G Ex eb mb op is IIC T5 T6 Gb IECEX/Dust: II 2 D Ex op is tb IIIC T80°C Db						

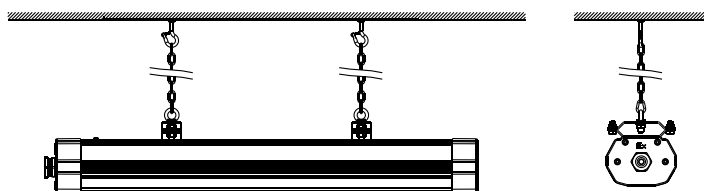
DIMENSIONS



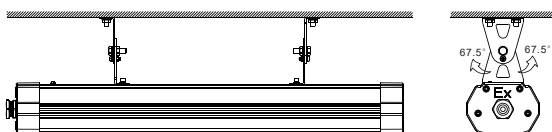
PENDANT POLE MOUNT



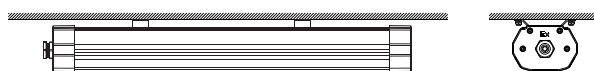
PENDANT CHAIN MOUNT



SS CEILING MOUNT A



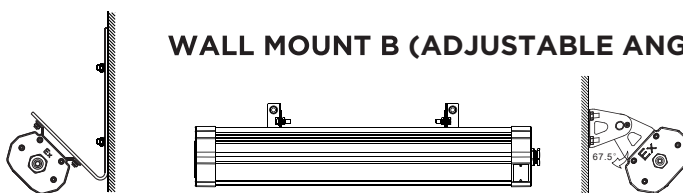
SS CEILING MOUNT B (ADJUSTABLE ANGLES)



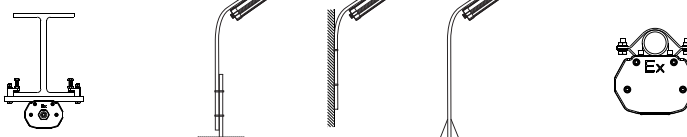
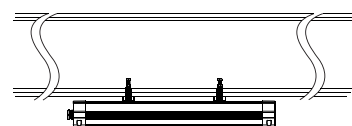
WALL MOUNT A



WALL MOUNT B (ADJUSTABLE ANGLES)



BEAM CLAMP MOUNT



POLE MOUNT

ORDERING METHODOLOGY

PLI-CHI	XX WATTS	XX CCT	XX DIMENSIONS	X LENS TYPE	XX FUNCTION
	24W 36W 50W 60W 72W 80W	60 (6000K) 50 (5000K) 40 (4000K) 30 (3000K)	02 (685*126*88/36W) 03 (1285*126*88/36W)	C (CLEAR LENS) F (DIFFUSED LENS)	ST (STANDARD) EM (EMERGENCY)

ACCESSORIES

PENDANT POLE MOUNT
 PENDANT CHAIN MOUNT
 CEILING MOUNT A
 CEILING MOUNT B (ADJUSTABLE ANGLES)
 WALL MOUNT A
 WALL MOUNT B (ADJUSTABLE ANGLES)
 BEAM CLAMP MOUNT
 POLE MOUNT
 MEANWELL DRIVER UPGRADE 24W/36W/50W
 MEANWELL DRIVER UPGRADE 60W/72W/80W
 MARINE PAINTING
 END TO END WIRING

PLICHI/PP
 PLICHI/PC
 PLICHI/CM1
 PLICHI/CM2
 PLICHI/WM1
 PLICHI/WM2
 PLICHI/BC
 PLICHI/PM
 PLICHI/MW1
 PLICHI/MW1
 PLICHI/MP
 PLICHI/E2E

PHOTOMETRIC DIAGRAMS

