

AREA LIGHTING



FLIGHT SERIES

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The Flight Series is a LED Area Light designed for a range of different applications. It features an anti corrosion coating and a housing made of die casted aluminium alloy to ensure greater heat dissipation and also utilises external fins. Along with these features, it is designed to provide a wider, smoother and more uniform light output.



TYPICAL APPLICATIONS

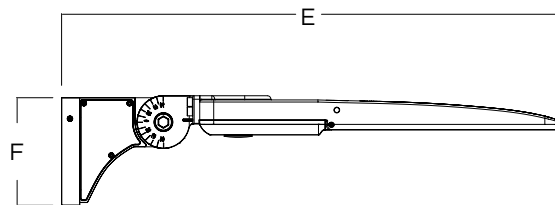
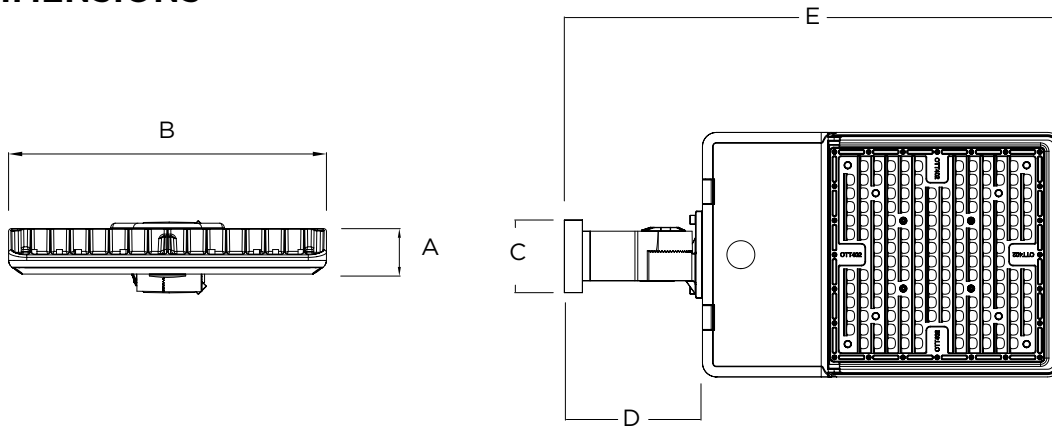


Mining, MIA (Mining Infrastructure Area), Coal, Open Cuts, Metalliferous, Iron Ore, Industrial, Processing Plants, Materials Handling, Lithium Processing, Power Generation, Energy & Utilities, Water & Waste Water, Ports, Wharves & Waterways, Chemical & Processing, Ports & Wharves, Airports, Car Parks,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

SPECIFICATIONS

Model:	PLIFLI175	PLIFLI115	PLIFLI145	PLIFLI180	PLIFLI200	PLIFLI230	PLIFLI300	PLIFLI420
Optical Characteristics								
Rated Wattage	75W	115W	145W	180W	200W	230W	300W	420W
Lumens	13125	18745	24795	30960	33200	36340	43500	60060
System Efficacy	175Lm/W	163Lm/W	171Lm/W	172Lm/W	166Lm/W	158Lm/W	145Lm/W	143Lm/W
Colour Temperature CCT	5700K (5000K / 4000K / 3000K)							
CRI (Ra)	>70							
Reported L70	>50,000 Hours							
Lens Optic Type	Type III / Type IV / Type V							
Electrical Characteristics								
Input	Input 100-277V (347-480V Optional)							
Frequency	50Hz							
Powerfactor	>0.96							
Total Harmonic Distortion	<20%							
Environment								
IP Rating	IP65							
Impact Rating	IK10							
Operating Temperature	-40°C To 50°C							
Product Material and Mounting								
Option 1	Spigot Mount (Type A, B, C, D, E - Refer To Dimensions)							
Product Material	Aluminium Alloy							
Lens / Optics Material	PC Lens							
Dimensions and Weights								
Product Dimensions	585*270*56			679*350*56			750*360*75	
Product Weight	4.8KG			5.5KG			10.5KG	
Packaging Dimensions	690*370*180			760*410*180			810*430*180	
Gross Weight	6.6KG			8.5KG			12.1KG	
Warranty and Certifications								
Warranty	5 Year Warranty							
Certifications	SAA / CE / RoHS							

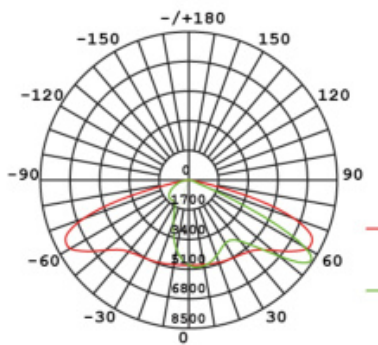
DIMENSIONS



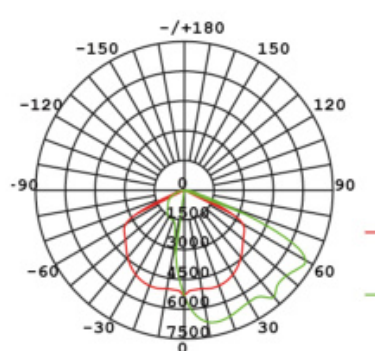
A	B	C	D	E	F
75W/115W/145W					
56MM	270MM	77MM	165MM	585MM	150MM
180W/200W/230W					
56MM	350MM	77MM	165MM	679MM	150MM
300W/420W					
75MM	360MM	77MM	165MM	750MM	150MM

PHOTOMETRIC DIAGRAMS

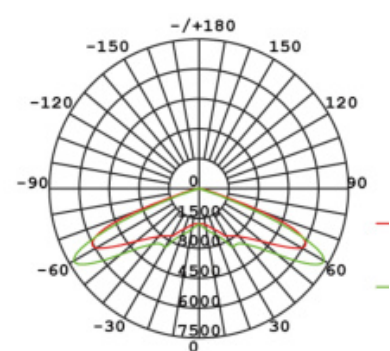
TYPE III



TYPE IV



TYPE V



ACCESSORIES

SLIP FITTER
ADJUSTABLE ARM MOUNT
TRUNNION MOUNT U BRACKET TO SUIT 75W-230W MODELS
TRUNNION MOUNT U BRACKET TO SUIT 300W-420W MODELS
DIRECT ARM MOUNT
REDUCER TO SUIT BRACKET A

PLIFLI-A
PLIFLI-B
PLIFLI-C
PLIFLI-D
PLIFLI-E
PLIFLI-R

ORDERING METHODOLOGY

PLI-FLI	XXX WATTS	XX CCT	XX LENS TYPE	X CONTROLS
	75W 115W 145W 180W 200W 230W 300W 420W	57 (5700K) 50 (5000K) 40 (4000K) 30 (3000K)	T5 (TYPE V) T4 (TYPE IV) T3 (TYPE III)	X (NONE) P (PE CELL)

ACCESSORIES

ADJUSTABLE SPIGOT MOUNT	PLIFLI/SP
PE CELL	PLIFLI/PE

