

THE POLARIS

LED FLOOD LIGHT

80W, 100W, 200W & 300W
REPLACES UP TO A 750-WATT METAL HALIDE FIXTURE



- Proprietary Thermal Management System
- Full Range of Optics for a Wide Variety of Applications
- Multiple Lumen Packages
- Protective UV Stabilized Powdercoat Finish
- IP-66 Weather Resistant
- Industry-Leading 10-Year LED Board Warranty
- 0-10V & DALI Dimming Available



POWER

Replaces Up To a 750W
Metal Halide Fixture

PRECISION

Eight Custom-Engineered Optics that Offer
Precisely Directed Light

ENGINEERING

Advanced Double Folded Aluminum Fins
Deliver Maximum Thermal Management

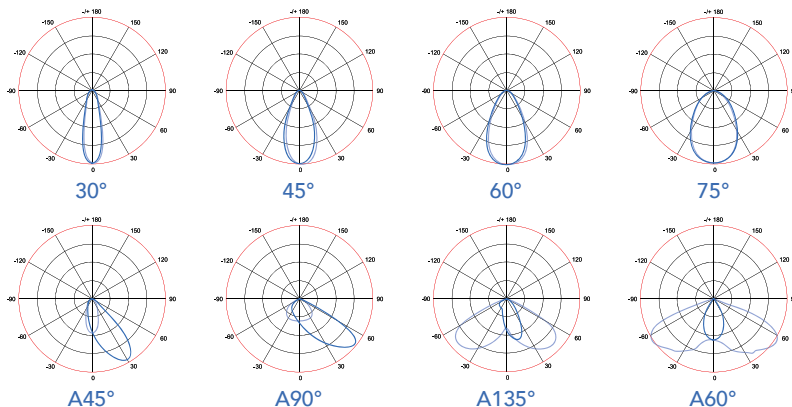
ORDERING INFORMATION

EXAMPLE PART #: AFL - 200 - 40K - D30 - V01 - BL - TL - VDIM - 80C

AFL								
SERIES	WATTS	CCT	OPTICS	INPUT PWR	FINISH	MOUNTING	DIMMING	OPTIONS
AFL	80	35K	30	V01 110/277V	BL	TL Tilt Bracket	NDIM No Dimming	SP-10 Surge Protector 10kA
	100	40K	45	V04 347/480V	WT	HT Horizontal Tennon	VDIM 0-10V Dimmable	SP-20 Surge Protector 20kA
	200	50K	60		RAL	SB Straight Bracket	DDIM DALI Dimming	PC Photocell
	300		75					NAT Natatorium
			A45					80C 80 CRI
			A90					GS Glare Shield
			A135					SF14 Slipfitter for 2-3/8" Tennon
			A60					SYN Synapse Wireless

NOTES
- 74 CRI Standard
- Custom RAL Colors Require Additional Costs & Lead Times

OPTICS



LUMEN CHART

	3500K	4000K	5000K
80W	10,800 lm	11,200 lm	11,600 lm
100W	13,500 lm	14,000 lm	14,500 lm
200W	27,000 lm	28,000 lm	29,000 lm
300W	40,500 lm	42,000 lm	43,500 lm

Typical delivered lumen data is approximate. Actual lumens will vary due to installation environment and beam pattern. Please see IES files.

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SPECIFICATIONS

Expected Life | Over 100,000 hrs.
Rating | IP66 - Light Engine
Color Rendering Index (CRI) | >74
Operating Temp | -25°C – +65°C
Relative Humidity | 0-90% RH
Power Factor | >95%
Input Line Voltage | 90-305 / 200-525 VAC
Input Line Frequency | 50/60 Hz
THD | <20%
LED Chips | Lumileds
Driver | Meanwell
Weight | 80W: 15.5lb - 100W: 16.5lb
 200W: 20lb - 300W: 23lb
Vibration Rating | 1.5G per ANSI 136.31

LISTINGS

UL Surge Protection | 1449
ANSI Surge Protection | C62.41.2
ETL Listed
CE Listed

EPA

Standard Fixture	Front	Side
90° From Horizontal	2.2	0.3
45° From Horizontal	1.4	0.3
0° From Horizontal	0.4	0.3

Fixture w/GS	Front	Side
90° From Horizontal	2.2	0.6
45° From Horizontal	1.5	0.6
0° From Horizontal	0.4	0.6

MATERIALS

Housing | Corrosion Resistant Aluminum
Gasketing | Neoprene Rubber
Hardware | 18-8 Stainless Steel
Finish | Protective UV Stabilized Powdercoat
 4000 Hour Salt Spray Tested to ASTM B117
Lens | Tempered Glass

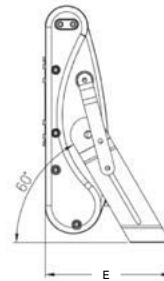
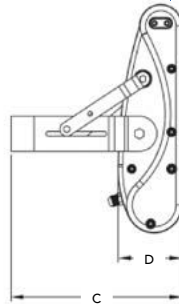
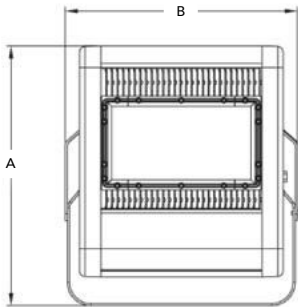
WARRANTIES

See Website for Details

LED | 10-Year
Driver | 5-Year

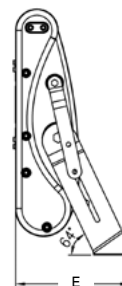
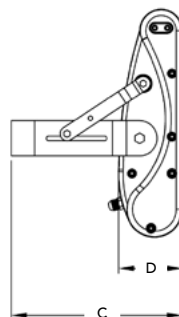
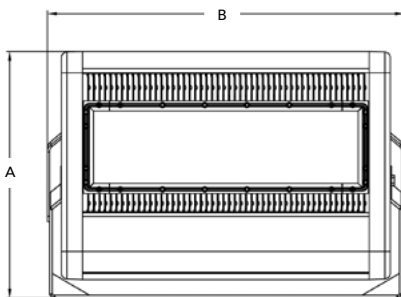
PRODUCT DRAWINGS

80W & 100W



POLARIS FLOOD LIGHT DIMENSIONS		
	80W	100W
A	14.44"	14.44"
B	12.88"	15.25"
C	9.63"	9.63"
D	3.63"	3.63"
E	7.06"	7.06"

200W & 300W



POLARIS FLOOD LIGHT DIMENSIONS		
	200W	300W
A	14.44"	14.44"
B	20"	22.31"
C	9.63"	9.63"
D	3.63"	3.63"
E	6.44"	6.44"