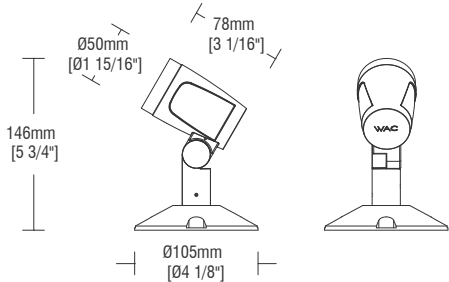


Panther
Static White
PAL2 (2.2W)

Fixture Type: _____
Project: _____
Catalog#: _____
Location: _____



LINE DRAWING



PRODUCT DESCRIPTION

Utilizing the latest LED technology, the PANTHER series of luminaire features a low-profile design and high optical performance, available in a variety of sizes. The series supports vertical or horizontal mounting with precise adjustments in the direction of rotation. Recommended for architectural façade lighting or landscape spotlighting.

SPECIFICATIONS

Construction:	Durable die-cast aluminum construction
Mounting:	Outdoor installation
Light Source:	High output 3-step Mac Adam Ellipse Rated life of 50,000 hours at L70
Input:	24 VDC
Power:	2.2W
Controls:	0-10V, DMX512-A with RDM
Maximum Delivered Intensity:	Up to 5,194 (Very Narrow 7°, 4000K)
Maximum Delivered Output:	Up to 178 lm (Spot 13°, 4000K)
Operating Temperature:	-4°F to 122°F (-20°C to 50°C)
Standards:	UL & cUL Wet location listed
Warranty:	5 year WAC Lighting guaranteed warranty

BEAM ANGLES



FINISHES



Model	Beam	Lumens Ref Output*	CBCP	Efficacy (lm/W)	Color Temp
PAL2 Ø50mm Ø2"	V 7°	157	4854	51	927-2700K
	S 13°	166	2113	51	930-3000K
	M 30°	159	521	51	935-3500K
	F 40°	144	297	46	940-4000K

*Lumens and CBCP are reference values for 3000K Color Temperature. Refer to Multiplier Table in Performance Data to determine other outputs.



Panther
Static White
PAL2 (2.2W)

Fixture Type:

Project:

Catalog#:

Location:

ORDERING INFORMATION

CONFIGURATION TABLE				
Model & Power	Dimming	Beam Angle	Color Temperature & CRI	Housing Finish
PAL2 (2.2W)	L - 0-10V D - DMX512-A	V - Very Narrow 7°	927 - 2700K - 90	BK - BLACK
		S - Spot 13°	930 - 3000K - 90	
		M - Medium Flood 30°	940 - 4000K - 90	
		F - Flood 40°		

PAL2-03_ - ____-BK
Example: PAL2-03D-M930-BK

Power Supplies	Power	Dimming Range
DMX512-A and 0-10V PS-OD24-U100R-DL	96W	10 - 100%

ACCESSORIES	
PAL2-SHR-BK	Panther 2" Shroud - Black
PAL2-SNOOT-BK	Panther 2" Snoot - Black
AL-TMS-BK	Tree Mount Bracket - Small
AL-TML-BK	Tree Mount Bracket - Large
AL-TRM-BK	Tree Ring Mount
M6000-STAKE	Ground Stake
AL-PM-BK	Pole Mount Bracket
AL-PS-3-BK	3" Pole Sleeve
AL-PCM-S-BK	Pole Clamp - Single
AL-PCM-AD-BK	Pole Clamp Adjustable - Double

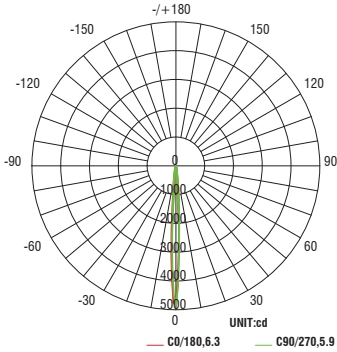
Panther
Static White
PAL2 (2.2W)

Fixture Type: _____
Project: _____
Catalog#: _____
Location: _____

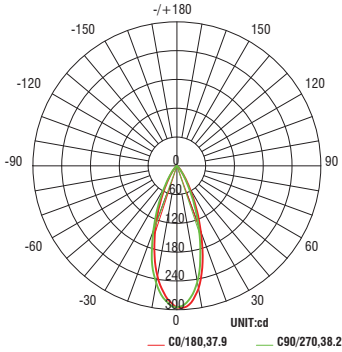
PERFORMANCE DATA

Polar Candela Distribution Charts
Samples shown from a fixture set to 4000K.

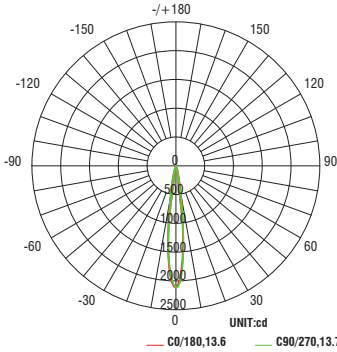
V - Very Narrow Beam 7°



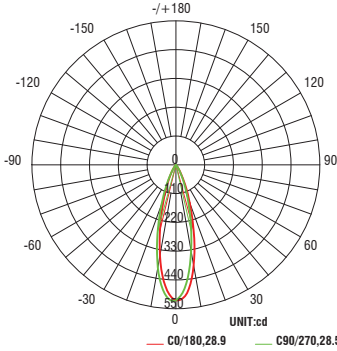
F - Flood Beam 40°



S - Spot Beam 13°



M - Medium Flood Beam 30°



Panther
Static White
PAL2 (2.2W)

Fixture Type:

Project:

Catalog#:

Location:

PERFORMANCE DATA

Unified Glare Rating (UGR) Table

General performance of fixtures set to 3000K shown below.

Fixture	Angle	UGR Range
Very Narrow	7°	≤0
Spot	13°	≤0
Medium Flood	30°	≤0
Flood	40°	≤4

Lumens and CBCP Multiplier Table

Use the below table to determine lumens and CBCP values for the combinations of power, color temperature, and CRI values.

Color Temperature				
2700K	3000K	3500K	4000K	5000K
0.96	1.00	1.04	1.07	1.12