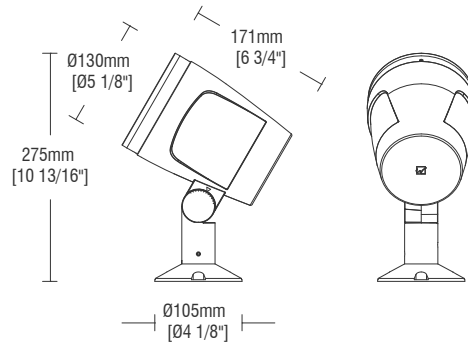


Panther Static White PAL5 (29W)

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: | Universal 120-277V AC, 50/60 Hz |
| Power: | 29W |
| Controls: | 0-10V, DMX512-A with RDM |
| Maximum Delivered Intensity: | Up to 78,403 cd (Ultra Narrow 6°, 4000K) |
| Maximum Delivered Output: | Up to 1,846 lm (Ultra Narrow 6°, 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 |
|-------------------------|-------|--------------------|--------|-----------------|------------|
| PAL5 Ø130mm Ø5.1" | U 6° | 1,725 | 73,274 | 51 | 927-2700K |
| | S 13° | 1,364 | 12,654 | 40 | |
| | N 22° | 1,428 | 7,047 | 42 | 930-3000K |
| | M 34° | 1,701 | 4,139 | 50 | 935-3500K |
| | W 50° | 1,395 | 2,005 | 41 | 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 PAL5 (29W)

Fixture Type: _____
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ORDERING INFORMATION

| CONFIGURATION TABLE | | | | |
|---------------------|---|-----------------------------|-------------------------|-------------------|
| Model & Power | Dimming | Beam Angle | Color Temperature & CRI | Housing Finish |
| PAL5 (29W) | L - 0-10V D - DMX512-A | U - Ultra Narrow 6° | 927 - 2700K - 90 | BK - BLACK |
| | | S - Spot 13° | 930 - 3000K - 90 | |
| | | N - Narrow Flood 22° | 940 - 4000K - 90 | |
| | | M - Medium Flood 34° | | |
| | | W - Wide Flood 50° | | |

PAL5-29_ - ____ -BK

Example: PAL5-29D-M930-BK

| ACCESSORIES | |
|---------------|---------------------------------------|
| PAL5-SHR-BK | <i>Panther 5" Shroud - Black</i> |
| PAL5-SNOOT-BK | <i>Panther 5" Snoot - Black</i> |
| AL-TMS-BK | <i>Tree Mount Bracket - Small</i> |
| AL-TML-BK | <i>Tree Mount Bracket - Large</i> |
| AL-TRM-BK | <i>Tree Ring Mount</i> |
| M6000-STAKE | <i>Ground Stake</i> |
| AL-PM-BK | <i>Pole Mount Bracket</i> |
| AL-PS-3-BK | <i>3" Pole Sleeve</i> |
| AL-PCM-S-BK | <i>Pole Clamp - Single</i> |
| AL-PCM-AD-BK | <i>Pole Clamp Adjustable - Double</i> |

Panther
Static White
PAL5 (29W)

Fixture Type: _____
 Project: _____
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FEATURES

| | |
|---|--|
| <p>Optics:</p> <ul style="list-style-type: none"> • Armature capable of 330° horizontal rotation and 30-90° vertical aiming | <p>Construction:</p> <ul style="list-style-type: none"> • Die-cast aluminum fixture with driver enclosed in canopy |
| <p>LED:</p> <ul style="list-style-type: none"> • High output discrete LED with a 3-step Mac Adam ellipse • Rated operational life of 50,000 hours at L70 (LED maintains 70% of its initial delivered lumens when brand new for 50,000 hours of use.) | <p>Trim and Reflector:</p> <ul style="list-style-type: none"> • Four beam angles are available: Very Narrow, Spot, Medium Flood, and Flood |
| <p>Electrical:</p> <ul style="list-style-type: none"> • Input power is universal 120-277VAC, 50/60 Hz • Available in a 29W power level | <p>Installation:</p> <ul style="list-style-type: none"> • Suitable for outdoor installation with a rating of IP65 |
| <p>Dimming:</p> <ul style="list-style-type: none"> • DMX512-A and 0-10V dimming are both available | <p>Warranty:</p> <ul style="list-style-type: none"> • WAC Architectural limited warranty up to 5 years • Full warranty found at: wacighting.com/warranty |
| <p>Notes:</p> <ul style="list-style-type: none"> • The Black finish is electrostatically powder coated | |

Fixture Type: _____

Project: _____

Catalog#: _____

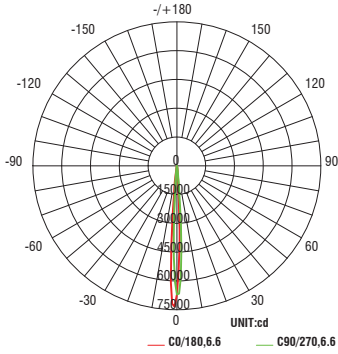
Location: _____

PERFORMANCE DATA

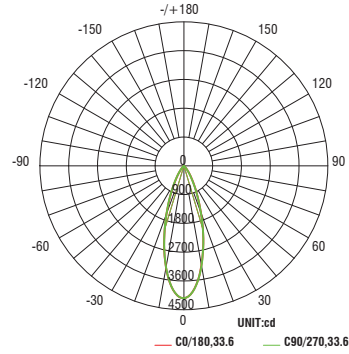
Polar Candela Distribution Charts

Samples shown from a fixture set to 3000K.

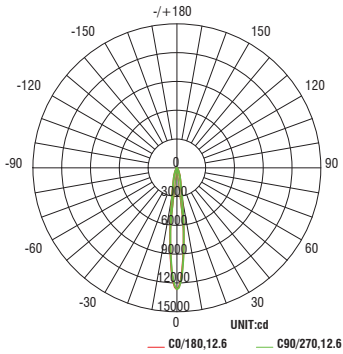
U - Ultra Narrow 6°



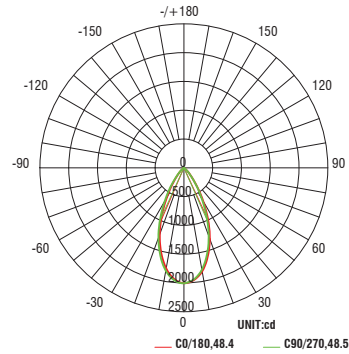
M - Medium Flood Beam 34°



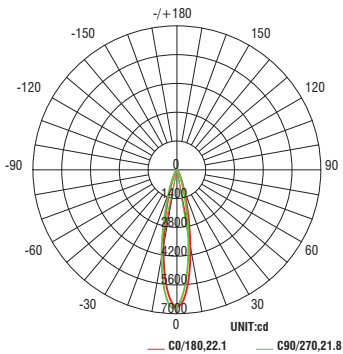
S - Spot Beam 13°



W - Wide Flood 50°



N - Narrow Flood Beam 22°



Panther
Static White
PAL5 (29W)

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PERFORMANCE DATA

Unified Glare Rating (UGR) Table

General performance of fixtures set to 3000K shown below.

| Fixture | Angle | UGR Range |
|--------------|-------|-----------|
| Very Narrow | 6° | ≤6 |
| Spot | 13° | ≤11 |
| Narrow Flood | 22° | ≤11 |
| Medium Flood | 34° | ≤16 |
| Wide Flood | 50° | ≤18 |

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 |

Panther
Static White
PAL5 (29W)

Fixture Type: _____
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Catalog#: _____
Location: _____

DIMENSIONAL DIAGRAMS



Panther Static White PAL5 (29W)

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

WIRING DIAGRAM

