

PANTHER- MODEL: EP1TI

Spot Luminaires

WAC LIGHTING

Responsible Lighting®

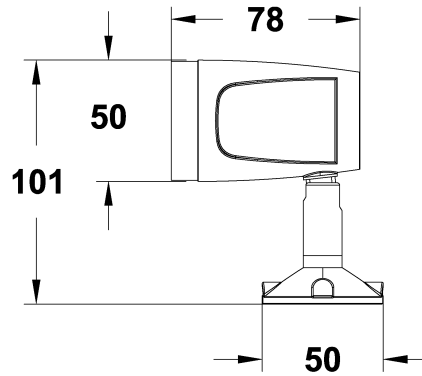
Project Name:

Type:

Product Image



Line Drawing



Product Description

The PANTHER Series is the professional LED floodlight designed by WAC for high-end outdoor lighting venues, featuring WAC's patented design for a perfect, clean profile that incorporates aerodynamic principles to utilize efficient heat dissipation and prolong the life of the LED fixtures. The PANTHER Series luminaires are available in a wide range of sizes and with the latest LED technology, and can be precisely adjusted vertically and horizontally. Precisely adjustable rotation both vertically and horizontally. Applications include architectural facades or landscape projections.

Product Features

- **Body Materials:** Aluminum die-casting lamp body
- **Optical System:** Lens + W-Module Module
- **Finishes:** Electrostatic Powder Coating
- **Objection Direction:** Vertical up 90°, Down 30°, Horizontal 0-330°
- **Accessory/Bracket:** Anti-glare Cover, Tensile Glass Frame, Hoop, Ground Insert
- **Certification:** CQC
- **IP Rating:** IP65
- **Insulation Level:** Class III
- **Operating Temperature:** -20°C ~ 50°C

Product Specifications

- **LED Type:** High Power
- **Source Power:** 2.2W (Max)
- **Source Lm:** 3000K 166lm; 4000K 171lm
- **LED Lifetime:** >50000h-L70 / B10-Ta25°C(LM-80 / TM-21)
- **CCT/CRI:** 3000K, Ra80 / 4000K, Ra80
- **SDCM:** 3 SDCM
- **Input Voltage:** 24V/DC
- **Dimming:** ON-OFF Or DMX512
- **Net Weight:** Approx. 0.75Kg, excluding packaging

Order Model

Model	Power (W)	LEDs (quantity)	Max Lumens (lm) 3000K	Control Systems	Beam	CCT	Finish
EP1TI-03	3(Max)	1	159	ET ON-OFF	S 7°	30 3000K 40 4000K	BK Black
				24V DC Power Supply	1 13°		
				MT DMX512 Dimming	3 30°		
				24V DC Power Supply	4 40°		

Example: EP1TI-03ET-S30BK

WAC Lighting

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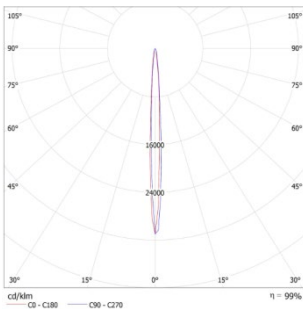
Project Name:

Type:

Accessory

ITEM	Abbreviate	PIC	Micro
Wall Washer Visor	WW		EP1TI-WW1-BK
Support for Pole	SPL		EP1TI-SPL-BK
Stainless plate with Spike (Round base)	SPK		EP1TI-SPK-BK

Light Distribution Curve @3000K data



MODEL: EP1TI-03ET-S40BK

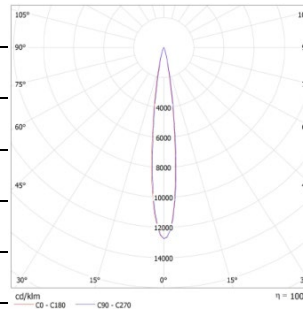
BEAM ANGLE: 7°

POWER: 3.1W

LUMENS: 156.6lm

CBCP: /

EFFICACY: 51lm/W



MODEL: EP1TI-03ET-140BK

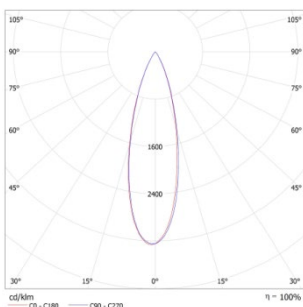
BEAM ANGLE: 13°

POWER: 3.1W

LUMENS: 157lm

CBCP: /

EFFICACY: 51lm/W



MODEL: EP1TI-03ET-340BK

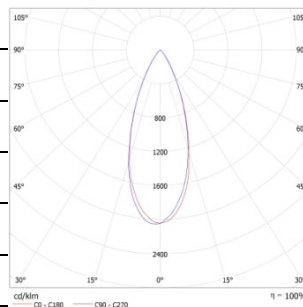
BEAM ANGLE: 30°

POWER: 3.1W

LUMENS: 159.4lm

CBCP: /

EFFICACY: 51lm/W



MODEL: EP1TI-03ET-440BK

BEAM ANGLE: 40°

POWER: 3.1W

LUMENS: 144lm

CBCP: /

EFFICACY: 46lm/W

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PANTHER- MODEL: EP1NI

Spot Luminaires

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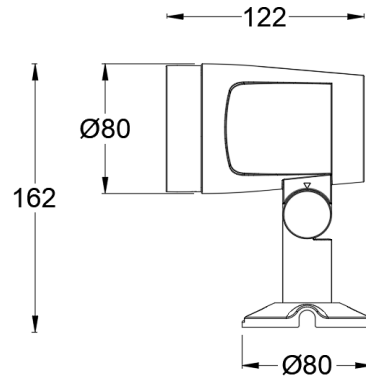
Project Name:

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Line Drawing



Product Description

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Product Features

- **Body Materials:** Aluminum die-casting lamp body
- **Optical System:** Lens + SUBROSA® Invisible Optical System
- **Finishes:** Electrostatic Powder Coating
- **Objection Direction:** Vertical up 90°, Down 30°, Horizontal 0-330°
- **Accessory/Bracket:** Anti-glare Cover, Tensile Glass Frame, Hoop, Ground Insert
- **Certification:** CCC
- **IP Rating:** IP65
- **Insulation Level:** Class I
- **Operating Temperature:** -20 C ~50 C

Product Specifications

- **LED Type:** High Power
- **Source Power:** 8W (Max)
- **Source Lm:** 2700K 800lm; 3000K 840lm; 4000K 880lm
- **LED Lifetime:** >50000h-L70 / B10-Ta25°C(LM-80 / TM-21)
- **CCT/CRI:** 2700K, 3000K, 4000K, Ra90
- **SDCM:** 3 SDCM
- **Input:** 220V AC
- **Dimming:** ON-OFF/DMX512 Dimming
- **Net Weight:** Approx. 1.0Kg, excluding packaging

Order Model

Model	Power (W)	LEDs(quantity)	Max Lumens (lm)3000K	Control Systems	Beam	CCT	Finish
EP1NI-08	8(MAX)	3	441	EL ON-OFF 220V AC Power Supply ML DMX512 Dimming 220V AC Power Supply	S 6° 1 13° 2 22° 3 34° 5 50°	27 2700K 30 3000K 40 4000K	BK Black

Example: EP1NI-08EL-S30BK

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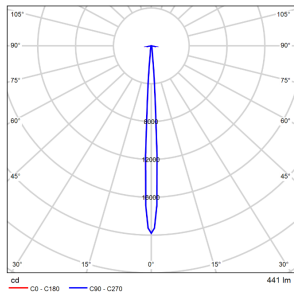
Project Name:

Type:

Accessory

ITEM	Abbreviate	PIC	Mini
Wall Washer Visor	WW		EP1NL-WW1-BK
Beam Elongated Lens/Horizontal Direction	BEL1		EP1NL-BEL1-BK
Beam Elongated Lens / Vertical Direction	BEL2		EP1NL-BEL2-BK
Support for Pole	SPL		EP1SL-SPL-BK
Stainless plate with Spike (Round base)	SPK		EP1NI-SPK-BK

Light Distribution Curve @3000K Data



MODEL: EP1NI-08EL-S30BK

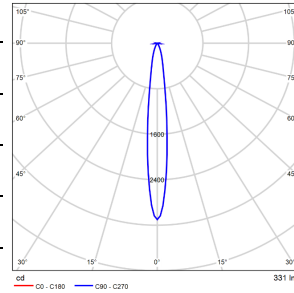
BEAM ANGLE: 6°

POWER: 9.2W

LUMENS: 441lm

CBCP: /

EFFICACY: 47.9lm/W



MODEL: EP1NI-08EL-130BK

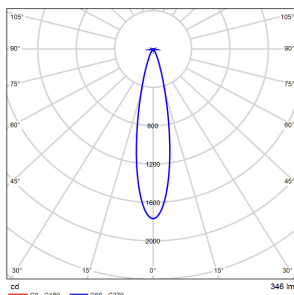
BEAM ANGLE: 13°

POWER: 9.2W

LUMENS: 331lm

CBCP: /

EFFICACY: 36.2lm/W



MODEL: EP1NI-08EL-230BK

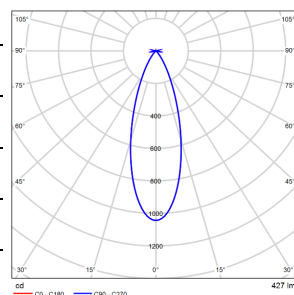
BEAM ANGLE: 22°

POWER: 9.2W

LUMENS: 346lm

CBCP: /

EFFICACY: 37.8lm/W



MODEL: EP1NI-08EL-330BK

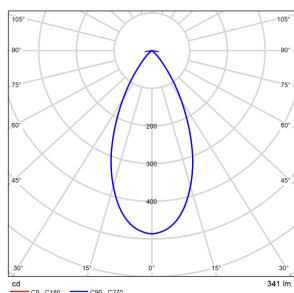
BEAM ANGLE: 34°

POWER: 9.2W

LUMENS: 427lm

CBCP: /

EFFICACY: 46.6lm/W



MODEL: EP1NI-08EL-530BK

BEAM ANGLE: 50°

POWER: 9.1W

LUMENS: 341lm

CBCP: /

EFFICACY: 37.2lm/W

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PANTHER- MODEL: EP1SI

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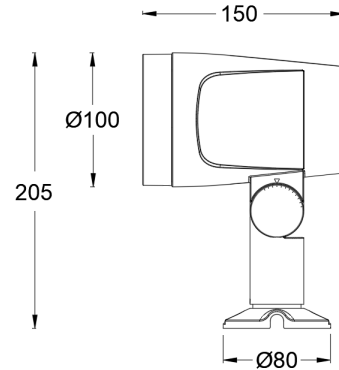
Project Name::

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Product Image



Line Drawing



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Product Features

- **Body Materials:** Aluminum die-casting lamp body
- **Optical System:** Lens + SUBROSA® Invisible Optical System
- **Finishes:** Electrostatic Powder Coating
- **Objection Direction:** Vertical up 90°, Down 30°, Horizontal 0-330°
- **Accessory/Bracket:** Anti-glare Cover, Tensile Glass Frame, Hoop, Ground Insert
- **Certification:** CCC
- **IP Rating:** IP65
- **Insulation Level:** Class I
- **Operating Temperature:** -20°C ~50°C

Product Specification

- **LED Type:** High Power
- **Source Power:** 19W (Max)
- **Source Lm:** 2700K 1900lm; 3000K 1995lm; 4000K 2090lm
- **LED Lifetime:** >50000h-L70 / B10-Ta25°C(LM-80 / TM-21)
- **CCT/CRI:** 2700K, 3000K, 4000K, Ra90
- **SDCM:** 3 SDCM
- **Input:** 220V AC
- **Dimming:** ON-OFF/DMX512 Dimming
- **Net Weight:** Approx. 1.6Kg, excluding packaging

Order Model

Model	Power (W)	LEDs(quantity)	Max Lumens (lm)3000K	Control Systems	Beam	CCT	Finish
EP1SI-19	19(MAX)	7	1096	EL ON-OFF 220V AC Power Supply ML DMX512 Dimming 220V AC Power Supply	S 6° 1 13° 2 22° 3 34° 5 50°	27 2700K 30 3000K 40 4000K	BK Black

Example: EP1SI-19EL-S30BK

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Spot Luminaires






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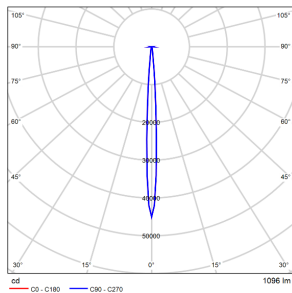
Project Name:

Type:

Accessory

ITEM	Abbreviate	PIC	Small
Wall Washer Visor	WW		EP1SL-WW1-BK
Beam Elongated Lens/Horizontal Direction	BEL1		EP1SL-BEL1-BK
Beam Elongated Lens / Vertical Direction	BEL2		EP1SL-BEL2-BK
Support for Pole	SPL		EP1SL-SPL-BK
Stainless plate with Spike (Round base)	SPK		EP1NI-SPK-BK

Light Distribution Curve @3000K Data



MODEL: EP1SI-19EL-S30BK

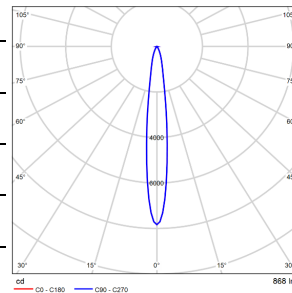
BEAM ANGLE: 6°

POWER: 22.2W

LUMENS: 1096lm

CBCP: /

EFFICACY: 49.3lm/W



MODEL: EP1SI-19EL-130BK

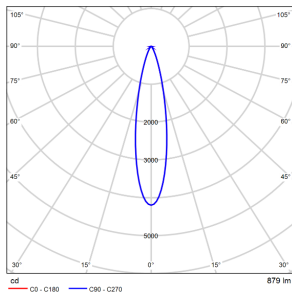
BEAM ANGLE: 13°

POWER: 22.3W

LUMENS: 868lm

CBCP: /

EFFICACY: 39lm/W



MODEL: EP1SI-19EL-230BK

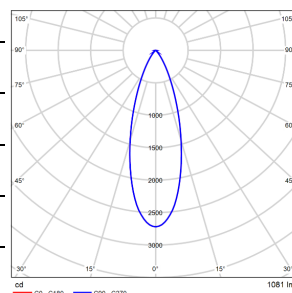
BEAM ANGLE: 22°

POWER: 22.3W

LUMENS: 879lm

CBCP: /

EFFICACY: 39.5lm/W



MODEL: EP1SI-19EL-330BK

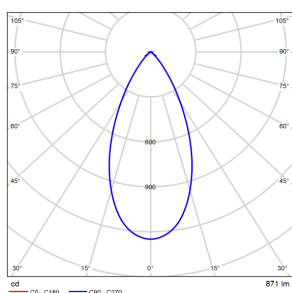
BEAM ANGLE: 34°

POWER: 22.4W

LUMENS: 1081lm

CBCP: /

EFFICACY: 48.3lm/W



MODEL: EP1SI-19EL-530BK

BEAM ANGLE: 50°

POWER: 22.3W

LUMENS: 871lm

CBCP: /

EFFICACY: 39lm/W

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PANTHER- MODEL: EP1MI

Spot Luminaires

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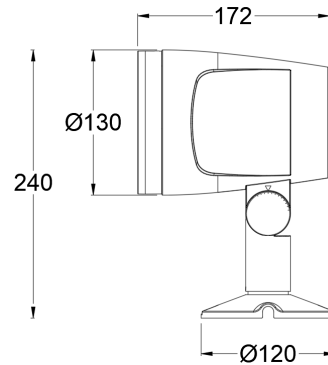
Project Name:

Type:

Product Image



Line Drawing



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Product Features

- **Body Materials:** Aluminum die-casting lamp body
- **Optical System:** Lens + SUBROSA® Invisible Optical System
- **Finishes:** Electrostatic Powder Coating
- **Objection Direction:** Vertical up 90°, Down 30°, Horizontal 0-330°
- **Accessory/Bracket:** Anti-glare Cover, Tensile Glass Frame, Hoop, Ground Insert
- **Certification:** CCC
- **IP Rating:** IP65
- **Insulation Level:** Class I
- **Operating Temperature:** -20°C ~50°C

Product Specifications

- **LED Type:** High Power
- **Source Power:** 29W (Max)
- **Source Lm:** 2700K 2900lm; 3000K 3045lm; 4000K 3190lm
- **LED Lifetime:** >50000h-L70 / B10-Ta25°C(LM-80 / TM-21)
- **CCT/CRI:** 2700K, 3000K, 4000K, Ra90
- **SDCM:** 3 SDCM
- **Input:** 220V AC
- **Dimming:** ON-OFF/DMX512 Dimming Control
- **Net Weight:** Approx 2.1Kg, excluding packaging

Order Model

Model	Power (W)	LEDs(quantity)	Max Lumens (lm)3000K	Control Systems	Beam	CCT	Finish
EP1MI-29	29(MAX)	12	1725	EL ON-OFF	S 6°	27 2700K 30 3000K 40 4000K	BK Black
				220V AC Power Supply	1 13°		
				ML DMX512 Dimming	2 22°		
				220V AC Power Supply	3 34°		
					5 50°		

Example: EP1MI-29EL-S30BK

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PANTHER- MODEL: EP1MI

Spot Luminaires






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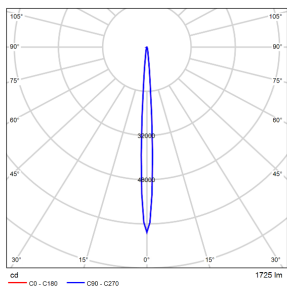
Project Name:

Type:

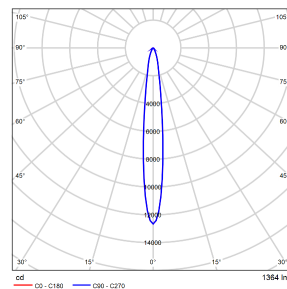
Accessory

ITEM	Abbreviate	PIC	Medium
Wall Washer Visor	WW		EP1ML-WW1-BK
Beam Elongated Lens/Horizontal Direction	BEL1		EP1ML-BEL1-BK
Beam Elongated Lens / Vertical Direction	BEL2		EP1ML-BEL2-BK
Support for Pole	SPL		EP1SL-SPL-BK
Stainless plate with Spike (Round base)	SPK		EP1SL-SPK-BK

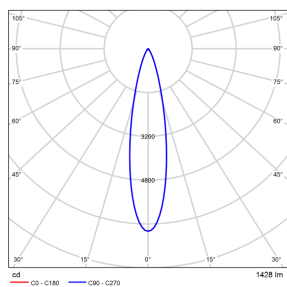
Light Distribution Curve @3000K Data



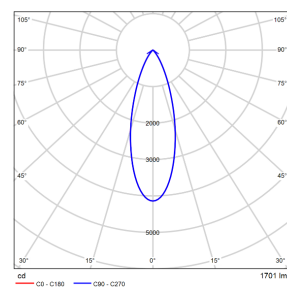
MODEL: EP1MI-29EL-S30BK
BEAM ANGLE: 6°
POWER: 34W
LUMENS: 1725lm
CBCP: /
EFFICACY: 50.7lm/W



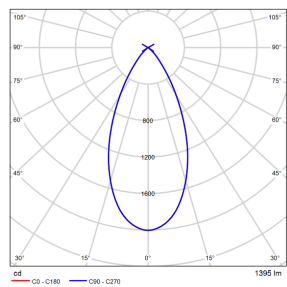
MODEL: EP1MI-29EL-130BK
BEAM ANGLE: 13°
POWER: 33.9W
LUMENS: 1364lm
CBCP: /
EFFICACY: 40.2lm/W



MODEL: EP1MI-29EL-230BK
BEAM ANGLE: 22°
POWER: 33.8W
LUMENS: 1428lm
CBCP: /
EFFICACY: 42.3lm/W



MODEL: EP1MI-29EL-330BK
BEAM ANGLE: 34°
POWER: 33.7W
LUMENS: 1701lm
CBCP: /
EFFICACY: 50.4lm/W



MODEL: EP1MI-29EL-530BK
BEAM ANGLE: 50°
POWER: 33.7W
LUMENS: 1395lm
CBCP: /
EFFICACY: 41.4lm/W

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PANTHER- MODEL: EP1LI

Spot Luminaires

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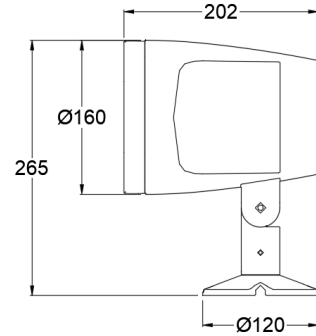
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Product Features

- **Body Materials:** Aluminum die-casting lamp body
- **Optical System:** Lens + SUBROSA® Invisible Optical System
- **Finishes:** Electrostatic Powder Coating
- **Objection Direction:** Vertical up 90°, Down 30°, Horizontal 0-330°
- **Accessory/Bracket:** Anti-glare Cover, Tensile Glass Frame, Hoop, Ground Insert
- **Certification:** CCC
- **IP Rating:** IP65
- **Insulation Level:** Class I
- **Operating Temperature:** -20°C ~ 50°C

Product Specifications

- **LED Type:** High Power
- **Source Power:** 49W (Max)
- **Source Lm:** 2700K 4730lm; 3000K 4945lm; 4000K 5160lm
- **LED Lifetime:** >50000h-L70 / B10-Ta25°C(LM-80 / TM-21)
- **CCT/CRI:** 2700K, 3000K, 4000K, Ra90
- **SDCM:** 3 SDCM
- **Input:** 220V AC
- **Dimming:** ON-OFF/DMX512 Dimming Control
- **Net Weight:** Approx. 3.1Kg, excluding packaging

Order Model

Model	Power (W)	LEDs(quantity)	Max Lumens (lm)3000K	Control Systems	Beam	CCT	Finish
EP1LI-49	49(MAX)	18	2912	EL ON-OFF	S 6°	27 2700K 30 3000K 40 4000K	BK Black
				220V AC Power Supply	1 13°		
				ML DMX512 Dimming	2 22°		
				220V AC Power Supply	3 34°		
					5 50°		

Example: EP1LI-49EL-S30BK

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PANTHER- MODEL: EP1LI

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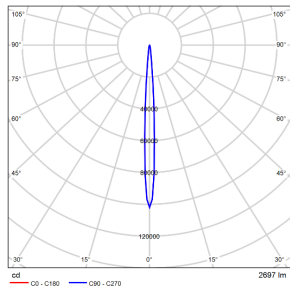
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Type:

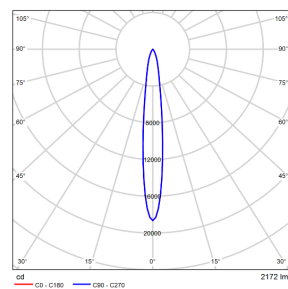
Accessory

ITEM	Abbreviate	PIC	Large
Wall Washer Visor	WW		EP1LL-WW1-BK
Beam Elongated Lens / Horizontal Direction	BEL1		EP1LL-BEL1-BK
Beam Elongated Lens / Vertical Direction	BEL2		EP1LL-BEL2-BK
Support for Pole	SPL		EP1LL-SPL-BK
Stainless plate with Spike (Round base)	SPK		EP1SL-SPK-BK

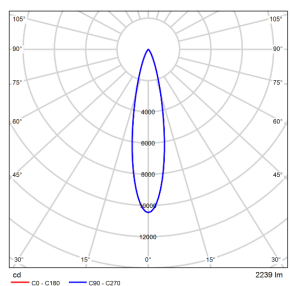
Light Distribution Curve @3000K Data



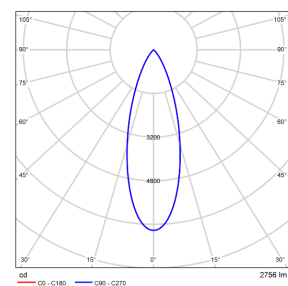
MODEL: EP1LI-49EL-S30BK
BEAM ANGLE: 6°
POWER: 54W
LUMENS: 2911.8lm
CBCP: /
EFFICACY: 53.9lm/W



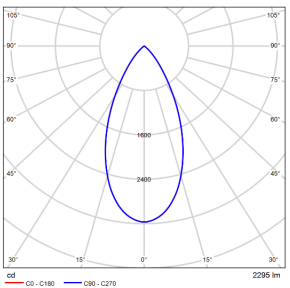
MODEL: EP1LI-49EL-130BK
BEAM ANGLE: 13°
POWER: 53.6W
LUMENS: 2164.9lm
CBCP: /
EFFICACY: 40.4lm/W



MODEL: EP1LI-49EL-230BK
BEAM ANGLE: 22°
POWER: 54.1W
LUMENS: 2282lm
CBCP: /
EFFICACY: 42.18lm/W



MODEL: EP1LI-49EL-330BK
BEAM ANGLE: 34°
POWER: 53.9W
LUMENS: 2738.2lm
CBCP: /
EFFICACY: 50.8lm/W



MODEL: EP1LI-49EL-530BK
BEAM ANGLE: 50°
POWER: 49.8W
LUMENS: 2239.2lm
CBCP: /
EFFICACY: 41.6lm/W

WAC Lighting
www.waclighting.com (US)
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 44 Harbor Park Drive • Port Washington, NY
 Phone (516) 515.5000 • Fax (516) 515.5050

WAC Lighting(Shanghai)
 14,Lane 299, Bi Sheng Road,Shanghai 201204
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PANTHER - MODEL: EP5MI

Spot Luminaires

WAC LIGHTING

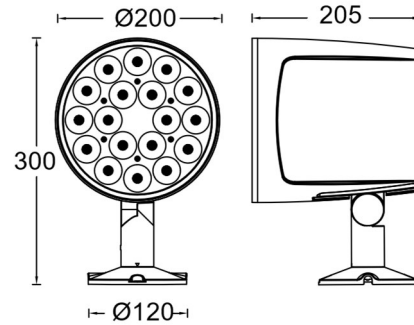
Responsible Lighting®

Project Name:

Type:

Product Image

Line Drawing



Product Description

The PANTHER Series is the professional LED floodlight designed by WAC for high-end outdoor lighting venues, featuring WAC's patented design for a perfect, clean profile that incorporates aerodynamic principles to utilize efficient heat dissipation and prolong the life of the LED fixtures. The PANTHER Series luminaires are available in a wide range of sizes and with the latest LED technology, and can be precisely adjusted vertically and horizontally. Precisely adjustable rotation both vertically and horizontally. Applications include architectural facades or landscape projections.

Product Features

- **Body Materials:** Quality Aluminum Alloy Lamp Body
- **Optical System:** Lens
- **Finishes:** Electrostatic Powder Coating
- **Objection Direction:** Vertical up 90°, Down 30°, Horizontal 0-330°
- **Accessory/Bracket:** Anti-glare Cover, Tensile Glass Frame, Hoop
- **Certification:** CCC
- **IP Rating:** IP65
- **Insulation Level:** Class I
- **Operating Temperature:** -20 C ~ 50 C

Product Specifications

- **LED Type:** High Power
- **Source Power:** 65W (Max)
- **Source Lm:** 2700K 6500lm, 3000K 6825lm, 4000K 7150lm
- **LED Lifetime:** >50000h-L70 /B10-Ta25°C(LM-80/TM-21)
- **CCT/CRI:** 2700K/3000K/ 4000K , Ra90
- **SDCM:** 3 SDCM
- **Input:** 220V AC
- **Dimming:** ON-OFF / DMX512 Dimming Control
- **Net Weight:** Approx. 4.0Kg, excluding packaging

Order Model

Model	Power	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP5MI-65	65 65W(Max)	18	4019	EL ON-OFF	V 4°	27 2700K	BK Black
				220V AC Power Supply		30 3000K	
				ML DMX512		40 4000K	
				220V AC Power Supply			

Example: EP5MI-65EL-V30BK

WAC Lighting
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PANTHER - MODEL: EP5MI

Spot Luminaires

WAC LIGHTING

Responsible Lighting®

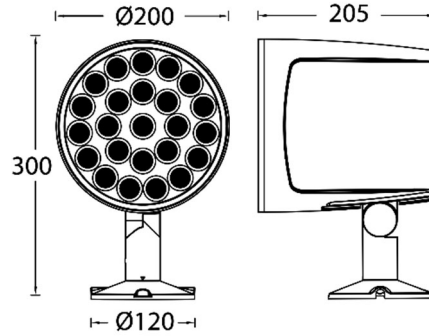
Product Name:

Type:

Product Image



Line Drawing



Product Description

Product Features

- **Body Materials:** Aluminum die-casting lamp body
- **Optical System:** Lens + SUBROSA® Invisible Optical System
- **Finishes:** Electrostatic Powder Coating
- **Objection Direction:** Vertical up 90°, Down 30°, Horizontal 0-330°
- **Accessory/Bracket:** Anti-glare Cover, Tensile Glass Frame, Hoop
- **Certification:** CCC
- **IP Rating:** IP65
- **Insulation Level:** Class I
- **Operating Temperature:** -20°C~50°C

Product Specifications

- **LED Type:** High Power
- **Source Power:** 65W (Max)
- **Source Lm:** 2700K 6500lm, 3000K 6825lm, 4000K 7150lm
- **LED Lifetime:** >50000h-L70 /B10-Ta25°C(LM-80/TM-21)
- **CCT/CRI:** 2700K/3000K/ 4000K , Ra90
- **SDCM:** 3 SDCM
- **Input:** 220V AC
- **Dimming:** ON-OFF / DMX512 Dimming
- **Net Weight:** Approx. 4.0Kg, excluding packaging

Order Model

Model	Power	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP5MI-65	65 65W(Max)	24	3954	EL ON-OFF	S 6°	27 2700K	BK Black
				220V AC Power Supply	1 10°	30 3000K	
				ML DMX512	2 22°	40 4000K	
				220V AC Power Supply	3 33°		
					4 47°		
				J 14°x44°			

Example: EP5MI-65EL-130BK

WAC Lighting
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PANTHER - MODEL: EP5MI

Spot Luminaires




WAC LIGHTING

Responsible Lighting®

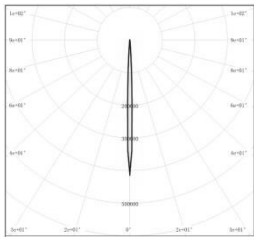
Project Name:

Type:

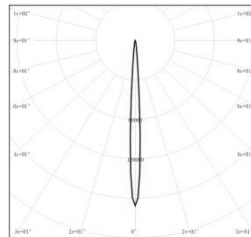
Accessory

Item	Abbreviate	Pic	Model
Wall Wash Visor	WW4		EP5MI-WW4-BK
Wall Wash Visor	WW5		EP5MI-WW5-BK
Support for Pole	SPL		Please contact the product manager to place an order

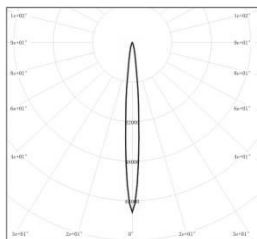
Light Distribution Curve @3000K Data



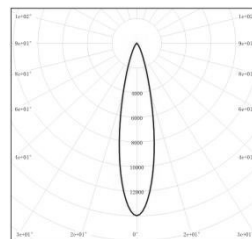
MODEL: EP5MI-65ML-V30BK
BEAM ANGLE: 4°
POWER: 70.64W
LUMENS: 4019.8 lm
CBCP: 432507 cd
EFFICACY: 56.9 lm /W



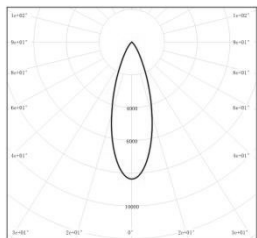
MODEL: EP5MI-65ML-S30BK
BEAM ANGLE: 6°
POWER: 68.10W
LUMENS: 3954.8 lm
CBCP: 176617 cd
EFFICACY: 58.07 lm /W



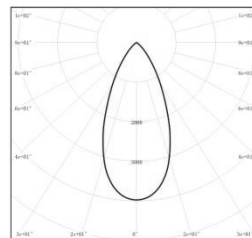
MODEL: EP5MI-65ML-130BK
BEAM ANGLE: 10°
POWER: 67.81W
LUMENS: 3858.6 lm
CBCP: 69891 cd
EFFICACY: 56.9 lm /W



MODEL: EP5MI-65ML-230BK
BEAM ANGLE: 22°
POWER: 67.39W
LUMENS: 3080 lm
CBCP: 14020 cd
EFFICACY: 45.71 lm /W



MODEL: EP5MI-65ML-330BK
BEAM ANGLE: 33°
POWER: 68.17W
LUMENS: 3409.2 lm
CBCP: 8398 cd
EFFICACY: 50.01 lm /W



MODEL: EP5MI-65ML-530BK
BEAM ANGLE: 47°
POWER: 68.42W
LUMENS: 2755.1 lm
CBCP: 3977 cd
EFFICACY: 40.27 lm /W

PANTHER - MODEL: EP5MI

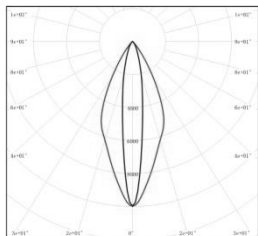
Spot Luminaires

WAC LIGHTING

Responsible Lighting®

Project Name:

Type:



MODEL:	EP5MI-65ML-J30BK
BEAM ANGLE:	14°x44°
POWER:	67.32W
LUMENS:	2750.5 lm
CBCP:	12697 cd
EFFICACY:	40.85 lm /W