# ZANEEN.

### **MICRO MENHIR POST**

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#### E9B164-

base number	Color	Finish
	Temperature	Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Lamp Life (hrs): 60000

**RATINGS AND CERTIFICATIONS** 

Certified By: Certified for North American Standards

Upon Request: Higher Maximum Ambient Temperature

**OPTICAL** Optic<sup>°</sup>: 2 Openings

IP rating: IP65 IK Rating: IK10 Bug Rating: B1 U0 G1

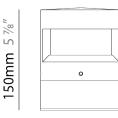
Subseries: Micro Menhir         Brand: Platek         Division: Exterior         Mounting Type: Post         Mounting Location: Above Ground         Subcategory: Marker         PHYSICAL         Shape: Cylinder         Diameter (nm): 115         Diameter (in): 4 ½         Height (mm): 150         Height (in): 5 %         Light Distribution: Direct         Screws: A4 stainless steel         Diffuser: Transparent Methacrylate         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Material: Aluminum         ELECTRICAL         Lamp Type: LED         Input Wattage (W): 9.6         Total Output Wattage (W): 9.5         Dimming: Electronic Low Voltage Dimming         Input Voltage (V): 120Vac Direct Line         LED         Color Temperature (°K): 3000 / 4000         Max. Delivered Lumen (Im): 500 / 520         Nominal Lumen (Im): 900 / 935         CRI: >80 CRI	Series: Menhir
Division: Exterior Mounting Type: Post Mounting Location: Above Ground Subcategory: Marker PHYSICAL Shape: Cylinder Diameter (mm): 115 Diameter (in): 4 ½ Height (mm): 150 Height (in): 5 ½ Light Distribution: Direct Screws: A4 stainless steel Diffuser: Transparent Methacrylate Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum ELECTRICAL Lamp Type: LED Input Wattage (W): 9.6 Total Output Wattage (W): 9.5 Dimming: Electronic Low Voltage Dimming Input Voltage (V): 120Vac Direct Line LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	Subseries: Micro Menhir
Mounting Type: Post         Mounting Location: Above Ground         Subcategory: Marker         PHYSICAL         Shape: Cylinder         Diameter (mm): 115         Diameter (in): 4 ½         Height (mm): 150         Height (in): 5 ½         Light Distribution: Direct         Screws: A4 stainless steel         Diffuser: Transparent Methacrylate         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Material: Aluminum         ELECTRICAL         Lamp Type: LED         Input Wattage (W): 9.6         Total Output Wattage (W): 9.5         Dimming: Electronic Low Voltage Dimming         Input Voltage (V): 120Vac Direct Line         LED         Color Temperature (*K): 3000 / 4000         Max. Delivered Lumen (lm): 500 / 520         Nominal Lumen (lm): 900 / 935	Brand: Platek
Mounting Location: Above Ground         Subcategory: Marker         PHYSICAL         Shape: Cylinder         Diameter (mm): 115         Diameter (in): 4 ½         Height (mm): 150         Height (in): 5 %         Light Distribution: Direct         Screws: A4 stainless steel         Diffuser: Transparent Methacrylate         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Material: Aluminum         ELECTRICAL         Lamp Type: LED         Input Wattage (W): 9.6         Total Output Wattage (W): 9.5         Dimming: Electronic Low Voltage Dimming         Input Voltage (V): 120Vac Direct Line         LED         Color Temperature (*K): 3000 / 4000         Max. Delivered Lumen (Im): 500 / 520         Nominal Lumen (Im): 900 / 935	Division: Exterior
Subcategory: Marker         PHYSICAL         Shape: Cylinder         Diameter (mm): 115         Diameter (in): 4 ½         Height (mm): 150         Height (in): 5 %         Light Distribution: Direct         Screws: A4 stainless steel         Diffuser: Transparent Methacrylate         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Material: Aluminum         ELECTRICAL         Lamp Type: LED         Input Wattage (W): 9.6         Total Output Wattage (W): 9.5         Dimming: Electronic Low Voltage Dimming         Input Voltage (V): 120Vac Direct Line         LED         Color Temperature (°K): 3000 / 4000         Max. Delivered Lumen (Im): 500 / 520         Nominal Lumen (Im): 900 / 935	Mounting Type: Post
PHYSICAL         Shape: Cylinder         Diameter (mm): 115         Diameter (in): 4 <sup>1</sup> / <sub>2</sub> Height (mm): 150         Height (in): 5 <sup>7</sup> / <sub>8</sub> Light Distribution: Direct         Screws: A4 stainless steel         Diffuser: Transparent Methacrylate         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Material: Aluminum         ELECTRICAL         Lamp Type: LED         Input Wattage (W): 9.6         Total Output Wattage (W): 9.5         Dimming: Electronic Low Voltage Dimming         Input Voltage (V): 120Vac Direct Line         LED         Color Temperature (°K): 3000 / 4000         Max. Delivered Lumen (Im): 500 / 520         Nominal Lumen (Im): 900 / 935	Mounting Location: Above Ground
Shape: Cylinder         Diameter (mm): 115         Diameter (in): 4 <sup>1</sup> / <sub>2</sub> Height (mm): 150         Height (in): 5 <sup>7</sup> / <sub>8</sub> Light Distribution: Direct         Screws: A4 stainless steel         Diffuser: Transparent Methacrylate         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Material: Aluminum         ELECTRICAL         Lamp Type: LED         Input Wattage (W): 9.6         Total Output Wattage (W): 9.5         Dimming: Electronic Low Voltage Dimming         Input Voltage (V): 120Vac Direct Line         LED         Color Temperature (°K): 3000 / 4000         Max. Delivered Lumen (Im): 500 / 520         Nominal Lumen (Im): 900 / 935	Subcategory: Marker
Diameter (mm): 115 Diameter (in): 4 ½ Height (mm): 150 Height (in): 5 % Light Distribution: Direct Screws: A4 stainless steel Diffuser: Transparent Methacrylate Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum ELECTRICAL Lamp Type: LED Input Wattage (W): 9.6 Total Output Wattage (W): 9.5 Dimming: Electronic Low Voltage Dimming Input Voltage (V): 120Vac Direct Line LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	PHYSICAL
Diameter (in): 4 ½ Height (mm): 150 Height (in): 5 % Light Distribution: Direct Screws: A4 stainless steel Diffuser: Transparent Methacrylate Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum ELECTRICAL Lamp Type: LED Input Wattage (W): 9.6 Total Output Wattage (W): 9.5 Dimming: Electronic Low Voltage Dimming Input Voltage (V): 120Vac Direct Line LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	Shape: Cylinder
Height (mm): 150         Height (in): 5 <sup>7</sup> / <sub>8</sub> Light Distribution: Direct         Screws: A4 stainless steel         Diffuser: Transparent Methacrylate         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Material: Aluminum         ELECTRICAL         Lamp Type: LED         Input Wattage (W): 9.6         Total Output Wattage (W): 9.5         Dimming: Electronic Low Voltage Dimming         Input Voltage (V): 120Vac Direct Line         LED         Color Temperature (°K): 3000 / 4000         Max. Delivered Lumen (Im): 500 / 520         Nominal Lumen (Im): 900 / 935	Diameter (mm): 115
Height (in): 5 1/8         Light Distribution: Direct         Screws: A4 stainless steel         Diffuser: Transparent Methacrylate         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Material: Aluminum <b>ELECTRICAL</b> Lamp Type: LED         Input Wattage (W): 9.6         Total Output Wattage (W): 9.5         Dimming: Electronic Low Voltage Dimming         Input Voltage (V): 120Vac Direct Line <b>LED</b> Color Temperature (°K): 3000 / 4000         Max. Delivered Lumen (Im): 500 / 520         Nominal Lumen (Im): 900 / 935	Diameter (in): 4 <sup>1</sup> / <sub>2</sub>
Light Distribution: Direct Screws: A4 stainless steel Diffuser: Transparent Methacrylate Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum ELECTRICAL Lamp Type: LED Input Wattage (W): 9.6 Total Output Wattage (W): 9.5 Dimming: Electronic Low Voltage Dimming Input Voltage (V): 120Vac Direct Line LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	Height (mm): 150
Screws: A4 stainless steel Diffuser: Transparent Methacrylate Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum ELECTRICAL Lamp Type: LED Input Wattage (W): 9.6 Total Output Wattage (W): 9.5 Dimming: Electronic Low Voltage Dimming Input Voltage (V): 120Vac Direct Line LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	Height (in): 5 1/8
Diffuser: Transparent Methacrylate Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum ELECTRICAL Lamp Type: LED Input Wattage (W): 9.6 Total Output Wattage (W): 9.5 Dimming: Electronic Low Voltage Dimming Input Voltage (V): 120Vac Direct Line LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	Light Distribution: Direct
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Material: Aluminum         ELECTRICAL         Lamp Type: LED         Input Wattage (W): 9.6         Total Output Wattage (W): 9.5         Dimming: Electronic Low Voltage Dimming         Input Voltage (V): 120Vac Direct Line         LED         Color Temperature (°K): 3000 / 4000         Max. Delivered Lumen (Im): 500 / 520         Nominal Lumen (Im): 900 / 935	Screws: A4 stainless steel
Fixture Material: Aluminum  ELECTRICAL Lamp Type: LED Input Wattage (W): 9.6 Total Output Wattage (W): 9.5 Dimming: Electronic Low Voltage Dimming Input Voltage (V): 120Vac Direct Line  LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	Diffuser: Transparent Methacrylate
ELECTRICAL Lamp Type: LED Input Wattage (W): 9.6 Total Output Wattage (W): 9.5 Dimming: Electronic Low Voltage Dimming Input Voltage (V): 120Vac Direct Line LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	
Lamp Type: LED Input Wattage (W): 9.6 Total Output Wattage (W): 9.5 Dimming: Electronic Low Voltage Dimming Input Voltage (V): 120Vac Direct Line LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	Fixture Material: Aluminum
Input Wattage (W): 9.6 Total Output Wattage (W): 9.5 Dimming: Electronic Low Voltage Dimming Input Voltage (V): 120Vac Direct Line LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	ELECTRICAL
Total Output Wattage (W): 9.5 Dimming: Electronic Low Voltage Dimming Input Voltage (V): 120Vac Direct Line LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	Lamp Type: LED
Dimming: Electronic Low Voltage Dimming Input Voltage (V): 120Vac Direct Line LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	Input Wattage (W): 9.6
Input Voltage (V): 120Vac Direct Line LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	Total Output Wattage (W): 9.5
LED Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (Im): 500 / 520 Nominal Lumen (Im): 900 / 935	Dimming: Electronic Low Voltage Dimming
Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (lm): 500 / 520 Nominal Lumen (lm): 900 / 935	Input Voltage (V): 120Vac Direct Line
Max. Delivered Lumen (lm): 500 / 520 Nominal Lumen (lm): 900 / 935	LED
Nominal Lumen (lm): 900 / 935	Color Temperature (°K): 3000 / 4000
	Max. Delivered Lumen (lm): 500 / 520
CRI: >80 CRI	Nominal Lumen (lm): 900 / 935
	CRI: >80 CRI

PROJECT

FROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



#### 115mm 4 1/2"





115mm 4 <sup>1</sup>/<sub>2</sub>"

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com. In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

F

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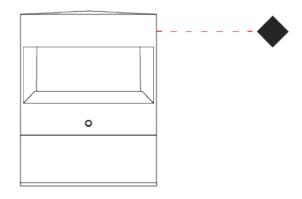


# **MICRO MENHIR POST**

E9B164-

PROJECT

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



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E

# **ZANEEN**<sub>®</sub>

### **MICRO MENHIR POST**

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#### E9B167-

base number	Color	Finish
	Temperature	Options

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Lamp Life (hrs): 60000

**RATINGS AND CERTIFICATIONS** 

Certified By: Certified for North American Standards

Upon Request: Higher Maximum Ambient Temperature

Optic<sup>o</sup>: 1 Opening

IP rating: IP65 IK Rating: IK10 Bug Rating: B1 U0 G1

OPTICAL

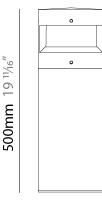
Series: Menhir	
Subseries: Micro Menhir	-
Brand: Platek	_
Division: Exterior	_
Mounting Type: Post	_
Mounting Location: Above Ground	_
Subcategory: Bollard	_
PHYSICAL	
Shape: Cylinder	
Diameter (mm): 115	_
Diameter (in): 4 ½	
Height (mm): 500	_
Height (in): 19 <sup>11</sup> / <sub>16</sub>	_
Light Distribution: Direct	_
Screws: A4 stainless steel	_
Diffuser: Transparent Methacrylate	_
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ	_
Fixture Material: Aluminum	_
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 16	
Total Output Wattage (W): 15	_
Dimming: Electronic Low Voltage Dimming	_
Input Voltage (V): 120Vac Direct Line	_
LED	
Color Temperature (°K): 3000 / 4000	_
Max. Delivered Lumen (lm): 340 / 355	_
Nominal Lumen (lm): 1350 / 1405	
CRI: >80 CRI	

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PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



115mm 4 1/2"





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F

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# **MICRO MENHIR POST**

E9B167-

PROJECT

PROJECT
ТҮРЕ
SPECIFIER
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DATE



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Ε



# MENHIR

#### **Fixture Finish**



Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens. Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.

Е

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# **ZANEEN**.

# MENHIR

PROJECT

TYPE

SPECIFIER

QUANTITY DATE

LEGEND

↓	floor-mounted	¥	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
フ	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
$\rightarrow$	wall-mounted	P	color of suspension cable	1111 1140	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	<b>°К</b>	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\mathbf{x}}$	indirect light distribution	*	lens	₩.	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	318	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	٢	walk on
5	square wall or ceiling cut-out	Ċ	free individual colors 01-29	۲	drive on
୶ୖୣୣୖ୶	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
(++) M++	minimum distance (meters) lamp - object	۲	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
£	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
1	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)	(ه)	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
<b>5</b>	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
Ъ	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
シリ	sensor	D	direct diffuser	c (UL) us	UL Certified to UL and CSA Standards
	remote control	$\odot$	ball-proof (upon request)	<u>ج</u>	CSA Certified to UL and CSA Standards
2	available upon request	0	accessory	Z	Certified for North American Standards

### **IP RATING**

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

# **IK RATING**

КО1	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
КОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
КОб	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
1609	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
К10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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