# **ZANEEN**<sub>®</sub>

## **TEAM BOLLARD POST**

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#### E9B226-

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

Series: Team
Subseries: Team Bollard
Brand: Platek
Division: Exterior
Mounting Type: Post
Mounting Location: Above Ground
Subcategory: Bollard
PHYSICAL
Shape: Rectangle
Length (mm): 280
Length (in): 11
Width (mm): 102
Width (in): 4
Height (mm): 600
Height (in): 23 <sup>5</sup> / <sub>8</sub>
Light Distribution: Direct
Weight (kg): 4.5
Weight (lbs): 9.92
Screws: A4 stainless steel
Diffuser: Transparent Methacrylate
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Extruded Aluminum

#### ELECTRICAL

Lamp Type: LED
Input Wattage (W): 16.5
Total Output Wattage (W): 15.8
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage – Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
Constant Voltage (V): 24
Upon Request: Remote: Phase dimming 120Vac / Integral: Non-Dimming
LED

#### Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 890 / 925	
Nominal Lumen (lm): 1600 / 1664	
CRI: >80 CRI	
Lamp Life (hrs): 60000	

#### OPTICAL

Optic°: 1 Opening

#### **RATINGS AND CERTIFICATIONS**

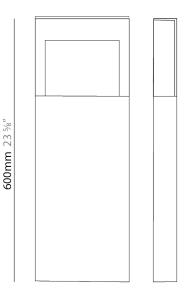
Certified By: Certified for North American Standards	
IP rating: IP68	
IK Rating: IK08	
Bug Rating: B1 U0 G1	

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



280mm 11"

102mm 4"



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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

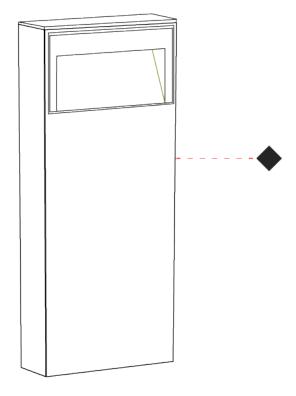
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E9B226-

PROJECT

TYPE SPECIFIER QUANTITY DATE	PROJECT			
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DATE	QUANTITY			
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# **ZANEEN**<sub>®</sub>

## **TEAM BOLLARD POST**

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#### E9B227-

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

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#### GENERAL

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Subseries: Team Bollard
Brand: Platek
Division: Exterior
Mounting Type: Post
Mounting Location: Above Ground
Subcategory: Bollard
PHYSICAL
Shape: Rectangle
Length (mm): 280
Length (in): 11
Width (mm): 102
Width (in): 4
Height (mm): 600
Height (in): 23 ½
Light Distribution: Direct
Weight (kg): 4.5
Weight (lbs): 9.92
Screws: A4 stainless steel
Diffuser: Transparent Methacrylate
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Extruded Aluminum

#### ELECTRICAL

Lamp Type: LED
Input Wattage (W): 35
Total Output Wattage (W): 29
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage – Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
Constant Voltage (V): 24

#### LED

#### Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 1780 / 1850	
Nominal Lumen (lm): 3200 / 3328	
CRI: >80 CRI	
Lamp Life (hrs): 60000	

#### OPTICAL

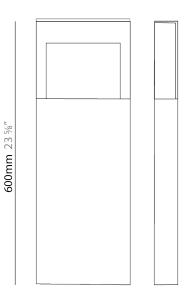
Optic <sup>®</sup> : 2	2 Ope	nings

#### **RATINGS AND CERTIFICATIONS**



280mm 11"

102mm 4"



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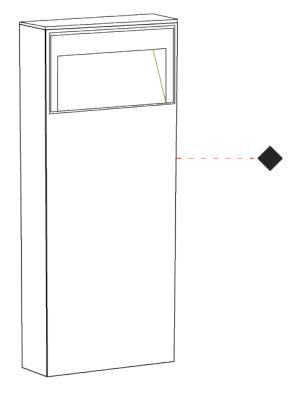
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PROJECT

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## **TEAM BOLLARD POST**

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#### E9B228-

base number	Color	Finish
	Temperature	Options

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Division: Exterior
Mounting Type: Post
Mounting Location: Above Ground
Subcategory: Bollard
PHYSICAL
Shape: Rectangle
Length (mm): 280
Length (in): 11
Width (mm): 102
Width (in): 4
Height (mm): 900
Height (in): 35 $\frac{7}{16}$
Light Distribution: Direct
Weight (kg): 9.5
Weight (lbs): 20.49
Screws: A4 stainless steel
Diffuser: Transparent Methacrylate
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Extruded Aluminum

#### ELECTRICAL

amp Type: LED
nput Wattage (W): 16.5
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river Included: No
river Location: Remote
river Type: Constant Voltage – Universal
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utput Voltage (V): 24
onstant Voltage (V): 24

#### LED

Color Temperature	(°K): 2700	/ 3000 / 4000	
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Max. Delivered Lumen (lm): 890 / 925	
Nominal Lumen (lm): 1600 / 1664	
CRI: >80 CRI	
Lamp Life (hrs): 60000	

#### OPTICAL

Optic°: 1 Opening

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP68
IK Rating: IK08

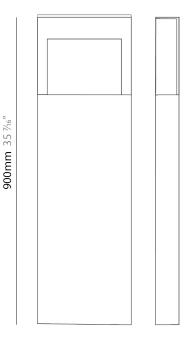
PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



280mm 11"

102mm 4"



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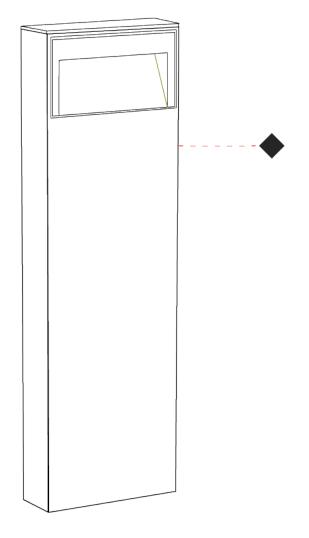
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# **ZANEEN**<sub>®</sub>

## **TEAM BOLLARD POST**

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#### E9B229-

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	Temperature	Options

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Subseries: Team Bollard
Brand: Platek
Division: Exterior
Mounting Type: Post
Mounting Location: Above Ground
Subcategory: Bollard
PHYSICAL
Shape: Rectangle
Length (mm): 280
Length (in): 11
Width (mm): 102
Width (in): 4
Height (mm): 900
Height (in): 35 $\frac{7}{16}$
Light Distribution: Direct
Weight (kg): 9.5
Weight (lbs): 20.49
Screws: A4 stainless steel
Diffuser: Transparent Methacrylate
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Extruded Aluminum

#### ELECTRICAL

Lamp Type: LED
Input Wattage (W): 35
Total Output Wattage (W): 29
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage – Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
Constant Voltage (V): 24

#### LED

<b>Color Temperature</b>	(°K), 2700	12000 / 1000	
color remperature	(R): 2100	/ 3000 / 4000	

Max. Delivered Lumen (lm): 1780 / 1850	
Nominal Lumen (lm): 3200 / 3328	
CRI: >80 CRI	
Lamp Life (hrs): 60000	

#### OPTICAL

Optic°: 2	Openings

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP68	
IK Rating: IK08	

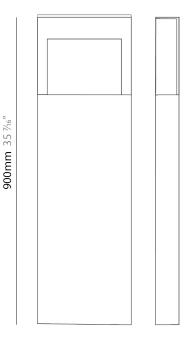
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PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		



280mm 11"

102mm 4"



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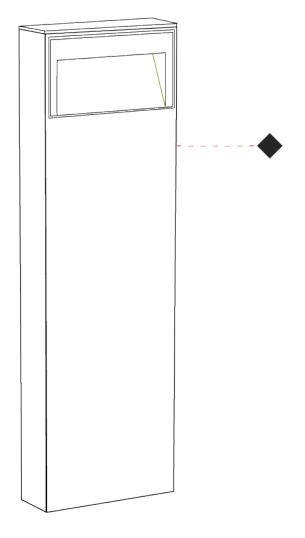
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E9B229-

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



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## TEAM

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#### **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.

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## ZANEEN.

TEAM

PROJECT

PROJEC

TYPE SPECIFIER

QUANTITY

DATE

## LEGEND

_					
_↓_	floor-mounted	ষ	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
$\overline{}$	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
$\uparrow$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
$\rightarrow$	wall-mounted	T	color of suspension cable	1111 1100	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
	direct light distribution	Δ	reflector degree selection	<b>°K</b>	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	*	lens		efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Ä	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	Ó	free individual colors 01-29		drive on
d	the supplied jig specifies the cutout dimensions	Ĩ	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>OSC</b>	Dark Sky Compliance
(++)	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
	ceiling thickness in mm		luminaire part to be colored (F3)	٢	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>6</b>	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
У	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
シリ	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
	remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	<b>S</b> .	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	2	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
1965	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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