# **ZANEEN**.

## **SUN SURFACE**

### E9F230-

base number	Finish	Lens
	Options	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: Sun
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Round
Diameter (mm): 229
Diameter (in): 9
Width (mm): 72
Width (in): 2 <sup>13</sup> / <sub>16</sub>
Height (mm): 299
Height (in): 10 <sup>9</sup> / <sub>16</sub>
Light Distribution: Adjustable / Direct
Weight (kg): 2.10 Kg
Weight (lbs): 4.63
Screws: No visible screws
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED
Total Output Wattage (W): 40

Lamp Type: LED
Total Output Wattage (W): 40
Dimming: Bluetooth technology or DMX
Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 900

#### LED

Number of LEDs: 16		
Color Temperature (°K): RGBW		
Max. Delivered Lumen (lm): 2070		
Nominal Lumen (lm): 5000		
CRI: >80 CRI		
Lamp Life (hrs): 60000		
Special LEDs offerings: RGBW		

### OPTICAL

Optic°: 24 / 40 / 70

### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards	
IP rating: IP66	
IK Rating: IK09	
Bug Rating: B2 U0 G0	

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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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### GENERAL

GENERAL
Series: Sun
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Round
Diameter (mm): 329
Diameter (in): 12 <sup>15</sup> / <sub>16</sub>
Width (mm): 73
Width (in): 2 <sup>7</sup> / <sub>8</sub>
Height (mm): 399
Height (in): 15 <sup>11</sup> / <sub>16</sub>
Light Distribution: Adjustable / Direct
Weight (kg): 4.9
Weight (lbs): 10.8
Screws: No visible screws
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED
Total Output Wattage (W): 80
Dimming: Bluetooth technology or DMX
Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 900

Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 900

#### LED

Number of LEDs: 16
Color Temperature (°K): RGBW
CRI: >80 CRI
Lamp Life (hrs): 60000
Special LEDs offerings: RGBW

## OPTICAL

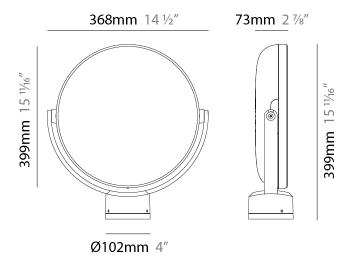
## Optic°: 24 / 40 / 70

RATINGS AND	CERTIFICATIONS
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Certified By: Certified for North American Standards
IP rating: IP66
IK Rating: IK09
Bug Rating: B1 U0 G1

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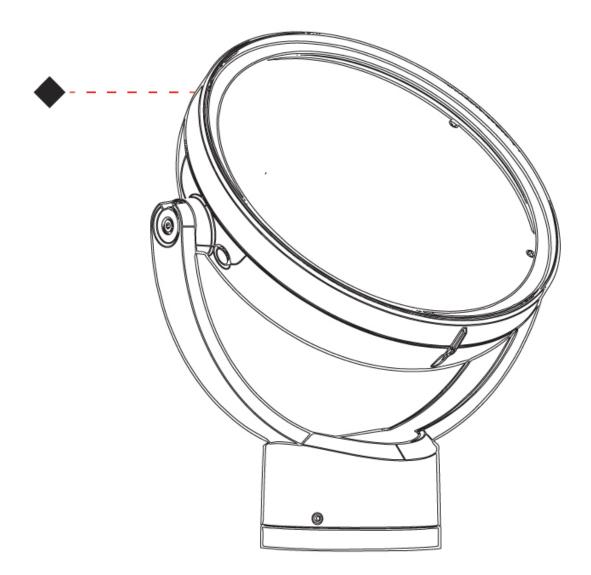
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## **SUN SURFACE**

#### E9F238-

base number	Finish	Lens
	Options	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: Sun
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Round
Diameter (mm): 229
Diameter (in): 9
Width (mm): 72
Width (in): 2 <sup>13</sup> / <sub>16</sub>
Height (mm): 299
Height (in): 10 <sup>9</sup> / <sub>16</sub>
Light Distribution: Adjustable / Direct
Weight (kg): 2.10 Kg
Weight (lbs): 4.63
Screws: No visible screws
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED
Lanut Wattons (W), 21

Lamp Type: LED
Input Wattage (W): 21
Dimming: Bluetooth technology or DMX
Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 900

### LED

Number of LEDs: 8	
Color Temperature (°K): RGBW	
CRI: >80 CRI	
Lamp Life (hrs): 60000	
Special LEDs offerings: RGBW	

## OPTICAL

#### Optic°: 24 / 40 / 70

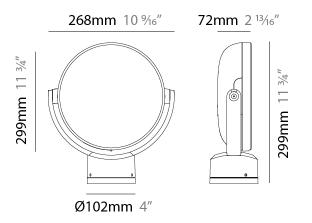
#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards
IP rating: IP66
IK Rating: IK09
Bug Rating: B3 U0 G0

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## SUN

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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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## LEGEND

⊥	floor-mounted	¥	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		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	°К	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\mathbf{Y}}$	indirect light distribution	*	lens	(¥)	efficacy (lumens per watt)
	asymmetric light distribution	Ì	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	6	walk on
5	square wall or ceiling cut-out	Ċ	free individual colors 01-29	۲	drive on
d d	the supplied jig specifies the cutout dimensions	U).	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>BSC</b>	Dark Sky Compliance
<b>(</b> +,+)	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>~</b>	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
স	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<b>シ</b> リ	sensor	D	direct diffuser	c (UL) us	UL Certified to UL and CSA Standards
()	remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	<u>ج</u>	CSA Certified to UL and CSA Standards
2	available upon request	0	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**

IK09	the surface) protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)			
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above			
КОТ	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)			
KOS	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)			
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)			
КО4	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)			
КОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)			
IKO2	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)			
КО1	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)			