# **ZANEEN**®

# **SUN SURFACE**

### E9F230-

base number

Finish Options Lens 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>8</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
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

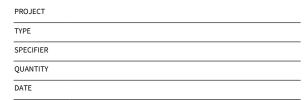
#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

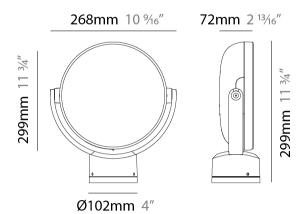
IP rating: IP66

IK Rating: IK09

Bug Rating: B2 U0 G0











**SUN SURFACE** 

E9F230-

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E9F231-

base number

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#### **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 15/16

Width (mm): 73

Width (in): 2 1/8 Height (mm): 399 Height (in): 15 11/16

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

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

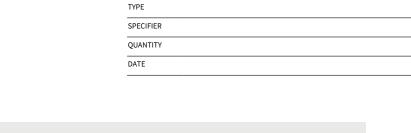
### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP66

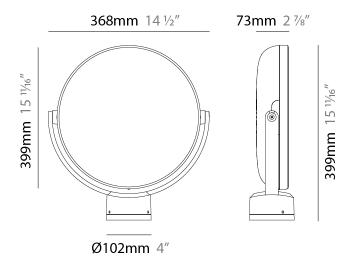
IK Rating: IK09

Bug Rating: B1 U0 G1



PROJECT









**SUN SURFACE** 

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# ZANEEN

# **SUN SURFACE**

E9F238-

base number

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

#### PHYSICAL

Shape: Round Diameter (mm): 229 Diameter (in): 9 Width (mm): 72

Width (in): 2 13/16 Height (mm): 299

Subcategory: Flood

Height (in): 10 %

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 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

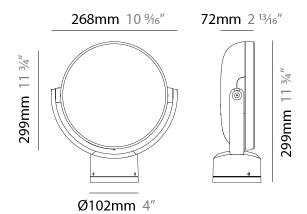
Bug Rating: B3 U0 G0

## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards IP rating: IP66 IK Rating: IK09

PROJECT TYPE SPECIFIER QUANTITY DATE









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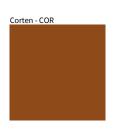
# SUN

### **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.





# SUN

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# **LEGEND**

100				-	1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
<u></u>	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
$\uparrow$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable	in the second	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	<b>℃</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
$\overline{\Lambda}$	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	30	walk on
$\Box$	square wall or ceiling cut-out		free individual colors 01-29	<b>②</b>	drive on
4	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>□</b> ←,→	minimum distance (meters) lamp - object	<b>♦</b>	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	ceiling thickness in mm		luminaire part to be colored (F3)	4	blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	<b>(</b> )	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<b>•</b>	sensor	0	direct diffuser	շ <b>(</b> Մ) սո	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	<b>(II</b> )	CSA Certified to UL and CSA Standards
9	available upon request	O	accessory	<b>Z</b>	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**

above the surface)

IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
<b>ІКОЗ</b>	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)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
1K06	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) $$
IKOB	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm