### **SPRING STANDARD SURFACE**

#### E9F110-

Finish base number Color Lens Temperature 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: Spring
Subseries: Spring Standard
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cone
Diameter (mm): 200
Diameter (in): 7 $\frac{7}{8}$
Length (mm): 300
Length (in): 11 <sup>13</sup> / <sub>16</sub>
Light Distribution: Adjustable / Direct
Diffuser: Clear tempered glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast
ELECTRICAL

#### ELECTRICAL

Lamp Type: LED
Input Wattage (W): 44
Total Output Wattage (W): 40.5
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 2100
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming / Non- dimming 120/277Vac

#### LED

Number of LEDs: 18	
Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 3555 - 4000 / 3700 - 4160	
Nominal Lumen (lm): 4500 / 4680	
CRI: >80 CRI	
Lamp Life (hrs): 60000	

#### OPTICAL

Opticº: 9 / 28 / 40

#### Adjustability: Tilt +195° / - 15°

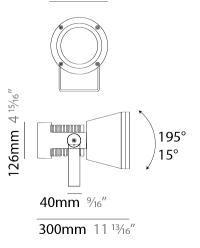
#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP65 IK Rating: IK06 PROJECT TYPE SPECIFIER QUANTITY DATE



200mm 7 7/8"



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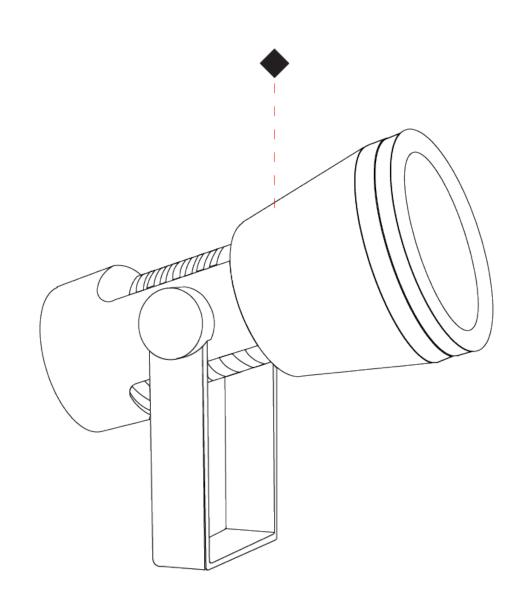
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**SPRING STANDARD SURFACE** 

E9F110-

PROJECT			
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### **SPRING MINI SURFACE**

#### E9F134-

Finish base number Color Lens Temperature 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: Spring
Subseries: Spring Mini
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cone
Diameter (mm): 147
Diameter (in): $5^{13}/_{16}$
Length (mm): 235
Length (in): 9 $\frac{1}{4}$
Light Distribution: Adjustable / Direct
Weight (kg): 2.8
Weight (lbs): 6.17
Screws: A4 stainless steel
Diffuser: Clear tempered glass
Gasket: Gore (R) valve
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum

#### ELECTRICAL

Lamp Type: LED	
Input Wattage (W): 22	
Total Output Wattage (W): 20.5	
Dimming: Non-Dimming / Phase Dimming (120vac Only)	
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 700	
Upon Request: Remote: 0-10Vdc dimming	

#### LED

Num	ber of l	LEDS: 9	)	_
	-		(01.0)	

Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 1780 - 2000 / 1850 - 2080	
Nominal Lumen (lm): 2250 / 2433	
CRI: >80 CRI	
Lamp Life (hrs): 60000	

#### OPTICAL

Optic°: 9 / 28 / 45

Adjustability: Tilt +195° / - 15°

#### **RATINGS AND CERTIFICATIONS**

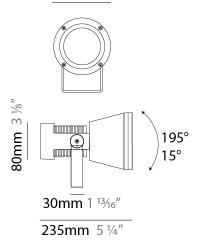
Certified By: Certified for North American Standards				
IP rating: IP65				
IK Rating: IK06				

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



147mm 5 13/16"



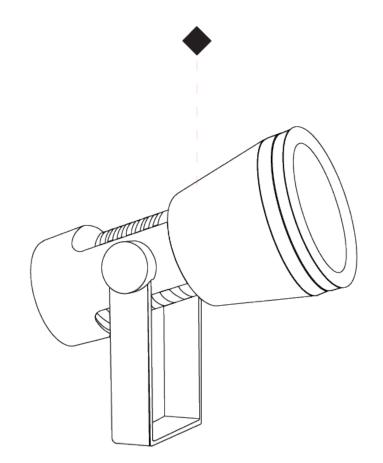
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**SPRING MINI SURFACE** 

E9F134-

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### **SPRING MICRO SURFACE**

#### E9F149-

Finish base number Color Lens Temperature 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: Spring	
Subseries: Spring Micro	
Brand: Platek	
Division: Exterior	
Mounting Type: Surface	
Mounting Location: Above Ground	
Subcategory: Flood	
PHYSICAL	
Shape: Cone	
Diameter (mm): 80	
Diameter (in): $3\frac{1}{6}$	
Length (mm): 145	
Length (in): $5^{11}/_{16}$	
Height (mm): 50	
Height (in): 2 <sup>3</sup> / <sub>16</sub>	
Light Distribution: Adjustable / Direct	
Weight (kg): 0.8	
Weight (lbs): 1.76	
Screws: A4 stainless steel	
Diffuser: Clear tempered glass	
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ	
Fixture Material: Aluminum Die Cast	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 5.9	
Total Output Wattage (W): 4.5	
Dimming: Non-Dimmable	
Driver Included: Yes	
Driver Location: Integrated	

Driver Type: Constant Current - 120Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 500 Upon Request: (Not included - see components [IP65 or higher

enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming @120Vac only / Non-dimming 120/277Vac / DMX

#### LED

Number of LEDs: 3
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 435 - 465 / 440 - 485
Nominal Lumen (lm): 570 / 600
CRI: >80 CRI
Lamp Life (hrs): 60000
OPTICAL
Optic <sup>o</sup> : 12 / 33 / 44

Adjustability: Tilt +195° / - 15°

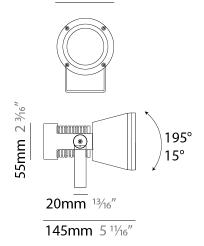
#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP65	
IK Rating: IK06	

DATE			
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TYPE			
PROJECT			



80mm 3 1/8"



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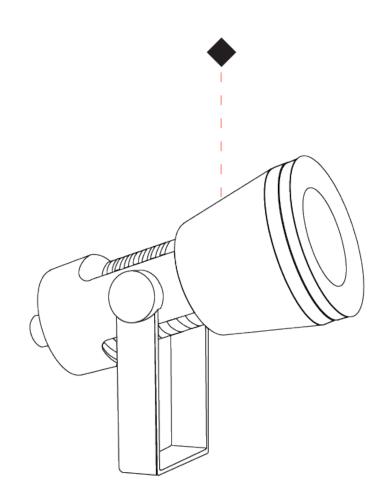
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### **SPRING MICRO SURFACE**

E9F149-

PROJECT		
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### **SPRING STANDARD SURFACE**

#### E9F223-

Finish base number Color Lens Temperature 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: Spring
Subseries: Spring Standard
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cone
Diameter (mm): 200
Diameter (in): 7 $\frac{7}{8}$
Length (mm): 300
Length (in): 11 <sup>13</sup> / <sub>16</sub>
Light Distribution: Adjustable / Direct
Weight (kg): 4.8
Weight (lbs): 10.58
Diffuser: Clear tempered glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED

Lamp Type: LED
Input Wattage (W): 45.2
Total Output Wattage (W): 37
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 1050
Upon Request: Remote: 0-10Vdc dimming

#### LED

#### Number of LEDs: 1

Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 4480 - 4540 / 4660 - 4720	
Nominal Lumen (lm): 5300 / 5512	
CRI: >80 CRI	
Lamp Life (hrs): 60000	

#### OPTICAL

Optic<sup>°</sup>: 13 / 44

Adjustability: Tilt +195° / - 15°

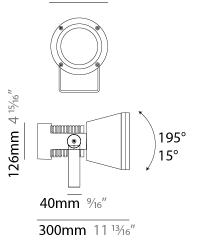
#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards IP rating: IP65 IK Rating: IK06

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		



200mm 7 7/8"



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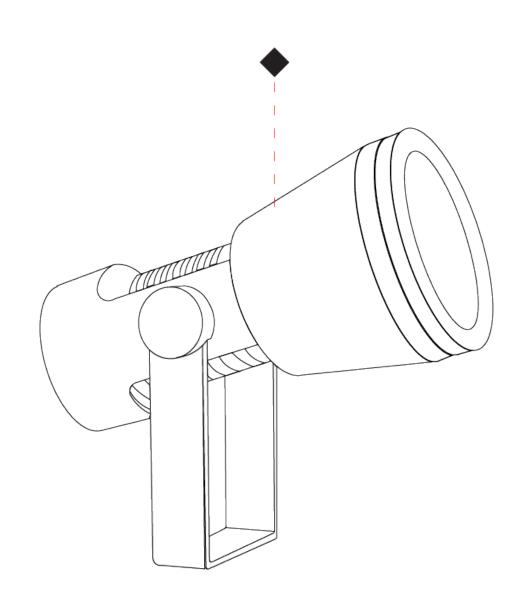
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**SPRING STANDARD SURFACE** 

E9F223-

PROJECT

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SPECIFIER			
QUANTITY			
DATE			



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### **SPRING MINI SURFACE**

#### E9F266-

Finish base number Color Lens Temperature 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: Spring
Subseries: Spring Mini
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cone
Diameter (mm): 147
Diameter (in): $5^{13}/_{16}$
Length (mm): 235
Length (in): 9 ¼
Light Distribution: Adjustable / Direct
Weight (kg): 2.8
Weight (lbs): 6.17
Screws: A4 stainless steel
Diffuser: Clear tempered glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 19
Total Output Wattage (W): 18
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes

Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 500
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vac dimming
LED
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 1700 - 1860 / 1770 - 1934
Nominal Lumen (lm): 2340 / 2433
CRI: >80 CRI
Lamp Life (hrs): COOO

#### LED

Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 1700 - 1860 / 1770 - 1934	
Nominal Lumen (lm): 2340 / 2433	
CRI: >80 CRI	
Lamp Life (hrs): 60000	

#### OPTICAL

0	pti	c°:	20	/ 3	6/	54		
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Adjustability: Tilt +195° / - 15°

#### **RATINGS AND CERTIFICATIONS**

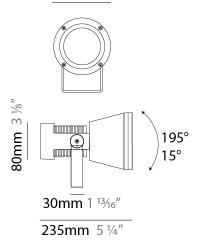
Certified By: Certified for North American Standards IP rating: IP65 IK Rating: IK06

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PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



147mm 5 13/16"



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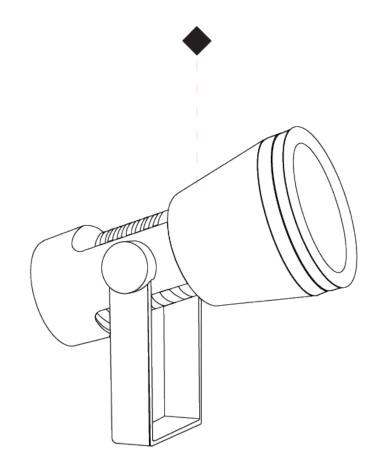
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### **SPRING MINI SURFACE**

E9F266-

PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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### **SPRING STANDARD SURFACE**

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#### E9F398-

base number	Finish	Lens	
	Options	Options	
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

Control Gear: DMX Driver Included: No Driver Location: Remote

Driver Class: Class 2

Number of LEDs: 24 Color Temperature (°K): RGBW

CRI: >80 CRI Lamp Life (hrs): 60000

OPTICAL Optic<sup>°</sup>: 9 / 28 / 45

IP rating: IP65 IK Rating: IK06

LED

Input Voltage (V): 120 - 277 Constant Current (MA): 500

Special LEDs offerings: RGBW

Adjustability: Tilt +195° / - 15°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

Driver Type: Constant Current - Universal

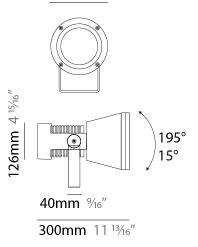
Series: Spring
Subseries: Spring Standard
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cone
Diameter (mm): 200
Diameter (in): 7 $\frac{7}{8}$
Length (mm): 300
Length (in): 11 $\frac{13}{16}$
Light Distribution: Adjustable / Direct
Weight (kg): 4.8
Weight (lbs): 10.58
Diffuser: Clear tempered glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED
Total Output Wattage (W): 35
Dimming: Bluetooth technology or DMX

### PROJECT

TYPE SPECIFIER QUANTITY DATE



200mm 7 7/8"



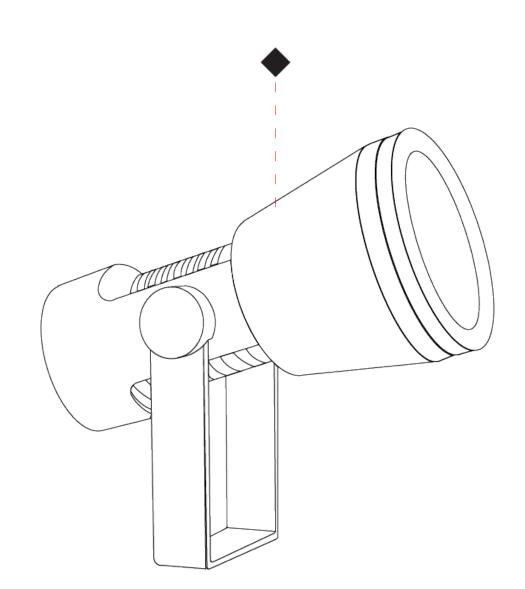
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**SPRING STANDARD SURFACE** 

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### **SPRING MINI SURFACE**

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#### E9F399-

base number	Finish	Lens	
	Options	Options	
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: Spring
Subseries: Spring Mini
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cone
Length (mm): 235
Length (in): 9 1/4
Width (mm): 147
Width (in): 5 <sup>13</sup> / <sub>16</sub>
Height (mm): 165
Height (in): $6\frac{1}{2}$
Light Distribution: Adjustable / Direct
Weight (kg): 2.8
Weight (lbs): 6.17
Screws: A4 stainless steel
Diffuser: Serigraphed extra-clear glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED
Total Output Wattage (W): 16
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): 350

#### LED

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

#### OPTICAL

_	ptic°:	-	/	/	 	 _

Adjustability: Tilt +195° / - 15°
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#### **RATINGS AND CERTIFICATIONS**

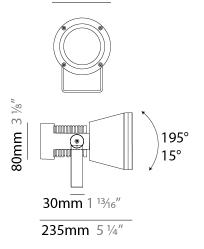
Certified By: Certified for North American Standards	
IP rating: IP66	

IK	Rating:	IK06

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



147mm 5 13/16"



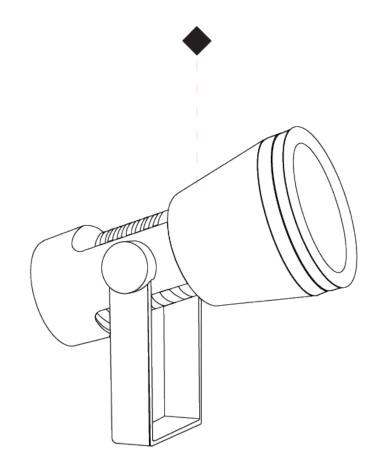
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### **SPRING MINI SURFACE**

E9F399-

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### **SPRING MICRO SURFACE**

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#### E9F400-

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: SpringSubseries: Spring MicroBrand: PlatekDivision: ExteriorMounting Type: SurfaceMounting Location: Above GroundSubcategory: Flood <b>PHYSICAL</b> Shape: ConeDiameter (nm): 80Diameter (in): $3 \frac{1}{6}$ Length (nm): 145Length (in): $5 \frac{11}{16}$ Light Distribution: Adjustable / DirectWeight (kg): 2.8Weight (kg): 6.17Screws: A4 stainless steelDiffuser: Serigraphed extra-clear glassFixture Finish: BLK / WHI / GRY / COR / ANT / BRZFixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LEDTotal Output Wattage (W): 16Dimming: Bluetooth technology or DMXControl Gear: DMXDriver Included: NoDriver Location: RemoteDriver Type: Constant Current - UniversalDriver Type: Class: 2	
Brand: Platek         Division: Exterior         Mounting Type: Surface         Mounting Location: Above Ground         Subcategory: Flood         PHYSICAL         Shape: Cone         Diameter (mm): 80         Diameter (in): 3 <sup>1</sup> / <sub>6</sub> Length (in): 5 <sup>11</sup> / <sub>16</sub> Height (in): 2 <sup>3</sup> / <sub>16</sub> Light Distribution: Adjustable / Direct         Weight (kg): 2.8         Weight (kg): 6.17         Screws: A4 stainless steel         Diffuser: Serigraphed extra-clear glass         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Material: Aluminum Die Cast         ELECTRICAL         Lamp Type: LED         Total Output Wattage (W): 16         Dimming: Bluetooth technology or DMX         Control Gear: DMX         Driver Included: No         Driver Location: Remote         Driver Type: Constant Current - Universal	Series: Spring
Division: Exterior Mounting Type: Surface Mounting Location: Above Ground Subcategory: Flood PHYSICAL Shape: Cone Diameter (mm): 80 Diameter (in): 3 <sup>1</sup> / <sub>6</sub> Length (mm): 145 Length (in): 5 <sup>11</sup> / <sub>16</sub> Height (in): 2 <sup>1</sup> / <sub>16</sub> Height (in): 2 <sup>1</sup> / <sub>16</sub> Light Distribution: Adjustable / Direct Weight (kg): 2.8 Weight (lbs): 6.17 Screws: A4 stainless steel Diffuser: Serigraphed extra-clear glass Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum Die Cast ELECTRICAL Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Subseries: Spring Micro
Mounting Type: SurfaceMounting Location: Above GroundSubcategory: FloodPHYSICALShape: ConeDiameter (mm): 80Diameter (in): $3 \frac{1}{6}$ Length (mm): 145Length (in): $5 \frac{11}{16}$ Height (in): $2 \frac{1}{16}$ Light Distribution: Adjustable / DirectWeight (kg): 2.8Weight (kg): 6.17Screws: A4 stainless steelDiffuser: Serigraphed extra-clear glassFixture Finish: BLK / WHI / GRY / COR / ANT / BRZFixture Material: Aluminum Die CastELECTRICALLamp Type: LEDTotal Output Wattage (W): 16Dimming: Bluetooth technology or DMXControl Gear: DMXDriver Included: NoDriver Location: RemoteDriver Type: Constant Current - Universal	Brand: Platek
Mounting Location: Above GroundSubcategory: FloodPHYSICALShape: ConeDiameter (mm): 80Diameter (in): 3 $\frac{1}{6}$ Length (mm): 145Length (in): 5 $\frac{11}{16}$ Height (in): 2 $\frac{3}{16}$ Light Distribution: Adjustable / DirectWeight (kg): 2.8Weight (kg): 2.8Weight (lbs): 6.17Screws: A4 stainless steelDiffuser: Serigraphed extra-clear glassFixture Finish: BLK / WHI / GRY / COR / ANT / BRZFixture Material: Aluminum Die CastELECTRICALLamp Type: LEDTotal Output Wattage (W): 16Dimming: Bluetooth technology or DMXControl Gear: DMXDriver Included: NoDriver Location: RemoteDriver Type: Constant Current - Universal	Division: Exterior
Subcategory: FloodPHYSICALShape: ConeDiameter (mm): 80Diameter (in): 3 $\frac{1}{6}$ Length (mm): 145Length (in): 5 $\frac{11}{16}$ Height (mm): 50Height (in): 2 $\frac{3}{16}$ Light Distribution: Adjustable / DirectWeight (kg): 2.8Weight (lbs): 6.17Screws: A4 stainless steelDiffuser: Serigraphed extra-clear glassFixture Finish: BLK / WHI / GRY / COR / ANT / BRZFixture Material: Aluminum Die CastELECTRICALLamp Type: LEDTotal Output Wattage (W): 16Dimming: Bluetooth technology or DMXControl Gear: DMXDriver Included: NoDriver Location: RemoteDriver Type: Constant Current - Universal	Mounting Type: Surface
PHYSICAL         Shape: Cone         Diameter (mm): 80         Diameter (in): 3 <sup>1</sup> / <sub>6</sub> Length (mm): 145         Length (in): 5 <sup>11</sup> / <sub>16</sub> Height (mm): 50         Height (in): 2 <sup>3</sup> / <sub>16</sub> Light Distribution: Adjustable / Direct         Weight (kg): 2.8         Weight (lbs): 6.17         Screws: A4 stainless steel         Diffuser: Serigraphed extra-clear glass         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Material: Aluminum Die Cast         ELECTRICAL         Lamp Type: LED         Total Output Wattage (W): 16         Dimming: Bluetooth technology or DMX         Control Gear: DMX         Driver Included: No         Driver Location: Remote         Driver Type: Constant Current - Universal	Mounting Location: Above Ground
Shape: Cone Diameter (mm): 80 Diameter (in): 3 <sup>1</sup> / <sub>6</sub> Length (mm): 145 Length (in): 5 <sup>11</sup> / <sub>16</sub> Height (mm): 50 Height (in): 2 <sup>3</sup> / <sub>16</sub> Light Distribution: Adjustable / Direct Weight (kg): 2.8 Weight (kg): 2.8 Weight (kg): 6.17 Screws: A4 stainless steel Diffuser: Serigraphed extra-clear glass Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Subcategory: Flood
Diameter (mm): 80 Diameter (in): 3 <sup>1</sup> / <sub>6</sub> Length (mm): 145 Length (in): 5 <sup>11</sup> / <sub>16</sub> Height (mm): 50 Height (in): 2 <sup>3</sup> / <sub>16</sub> Light Distribution: Adjustable / Direct Weight (kg): 2.8 Weight (kg): 2.8 Weight (kg): 2.8 Weight (lbs): 6.17 Screws: A4 stainless steel Diffuser: Serigraphed extra-clear glass Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	PHYSICAL
Diameter (in): 3 $\frac{1}{6}$ Length (mm): 145Length (in): 5 $\frac{11}{16}$ Height (mm): 50Height (in): 2 $\frac{3}{16}$ Light Distribution: Adjustable / DirectWeight (kg): 2.8Weight (kg): 2.8Weight (lbs): 6.17Screws: A4 stainless steelDiffuser: Serigraphed extra-clear glassFixture Finish: BLK / WHI / GRY / COR / ANT / BRZFixture Material: Aluminum Die CastELECTRICALLamp Type: LEDTotal Output Wattage (W): 16Dimming: Bluetooth technology or DMXControl Gear: DMXDriver Included: NoDriver Location: RemoteDriver Type: Constant Current - Universal	Shape: Cone
Length (mm): 145 Length (in): 5 <sup>11</sup> / <sub>16</sub> Height (in): 2 <sup>3</sup> / <sub>16</sub> Light Distribution: Adjustable / Direct Weight (kg): 2 <sup>3</sup> / <sub>16</sub> Light Distribution: Adjustable / Direct Weight (lbs): 6.17 Screws: A4 stainless steel Diffuser: Serigraphed extra-clear glass Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Diameter (mm): 80
Length (in): 5 <sup>11</sup> / <sub>16</sub> Height (in): 2 <sup>11</sup> / <sub>16</sub> Light Distribution: Adjustable / Direct Weight (kg): 2.8 Weight (kg): 2.8 Weight (lbs): 6.17 Screws: A4 stainless steel Diffuser: Serigraphed extra-clear glass Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Diameter (in): 3 <sup>1</sup> / <sub>6</sub>
Height (mm): 50 Height (in): 2 $\frac{3}{16}$ Light Distribution: Adjustable / Direct Weight (kg): 2.8 Weight (lbs): 6.17 Screws: A4 stainless steel Diffuser: Serigraphed extra-clear glass Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Length (mm): 145
Height (in): 2 $\frac{1}{16}$ Light Distribution: Adjustable / Direct Weight (kg): 2.8 Weight (lbs): 6.17 Screws: A4 stainless steel Diffuser: Serigraphed extra-clear glass Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Length (in): 5 <sup>11</sup> / <sub>16</sub>
Light Distribution: Adjustable / Direct Weight (kg): 2.8 Weight (lbs): 6.17 Screws: A4 stainless steel Diffuser: Serigraphed extra-clear glass Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum Die Cast ELECTRICAL Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Height (mm): 50
Weight (kg): 2.8         Weight (lbs): 6.17         Screws: A4 stainless steel         Diffuser: Serigraphed extra-clear glass         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Material: Aluminum Die Cast         ELECTRICAL         Lamp Type: LED         Total Output Wattage (W): 16         Dimming: Bluetooth technology or DMX         Control Gear: DMX         Driver Included: No         Driver Location: Remote         Driver Type: Constant Current - Universal	Height (in): $2\frac{3}{16}$
Weight (lbs): 6.17         Screws: A4 stainless steel         Diffuser: Serigraphed extra-clear glass         Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ         Fixture Material: Aluminum Die Cast         ELECTRICAL         Lamp Type: LED         Total Output Wattage (W): 16         Dimming: Bluetooth technology or DMX         Control Gear: DMX         Driver Included: No         Driver Location: Remote         Driver Type: Constant Current - Universal	Light Distribution: Adjustable / Direct
Screws: A4 stainless steel Diffuser: Serigraphed extra-clear glass Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum Die Cast ELECTRICAL Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Weight (kg): 2.8
Diffuser: Serigraphed extra-clear glass Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum Die Cast ELECTRICAL Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Weight (lbs): 6.17
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ Fixture Material: Aluminum Die Cast ELECTRICAL Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Screws: A4 stainless steel
Fixture Material: Aluminum Die Cast ELECTRICAL Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Diffuser: Serigraphed extra-clear glass
ELECTRICAL Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Lamp Type: LED Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Fixture Material: Aluminum Die Cast
Total Output Wattage (W): 16 Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	ELECTRICAL
Dimming: Bluetooth technology or DMX Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Lamp Type: LED
Control Gear: DMX Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Total Output Wattage (W): 16
Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal	Dimming: Bluetooth technology or DMX
Driver Location: Remote Driver Type: Constant Current - Universal	Control Gear: DMX
Driver Type: Constant Current - Universal	Driver Included: No
	Driver Location: Remote
Driver Class: Class 2	Driver Type: Constant Current - Universal
	Driver Class: Class 2

Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 350	

#### LED

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

#### OPTICAL

Optic°: 12 /	33	/ 44	

Adjustability: Tilt +195° / - 15°
-----------------------------------

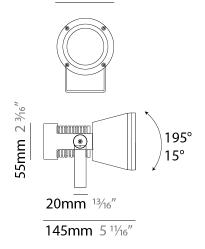
#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards	
IP rating: IP66	

IK	Ra	ati	ing:	IK	)6



80mm 3 1/8"



F

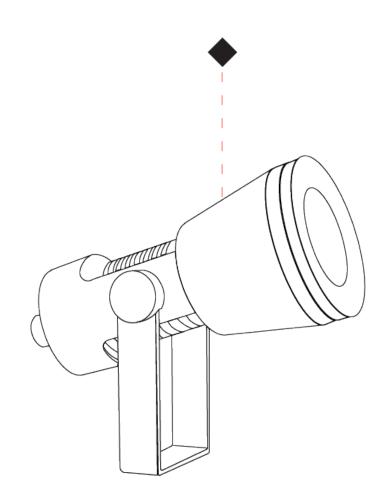
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Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

### **SPRING MICRO SURFACE**

E9F400-

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



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Е



### **SPRING**

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

#### **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

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

### SPRING

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE

### 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	1111 1140	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	→	length of suspension cable	CRI	color rendering index
Ä	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	$\mathbb{X}$	lens	(₩	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
$\mathbf{\lambda}$	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	D.	free individual colors 01-29		drive on
d d	the supplied jig specifies the cutout dimensions	i Co	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	
<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
	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)	ۥ	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 (UL) us	UL Certified to UL and CSA Standards
Ĩ	remote control	$\boldsymbol{\textcircled{O}}$	ball-proof (upon request)	œ.	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
1968	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)