ZANEEN®

SPRING STANDARD SURFACE

E9F110- _____ - _____ - _____

base number | Color Temperature | 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: 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
Diffuser: Clear tempered glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast

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
Optic°: 9 / 28 / 40
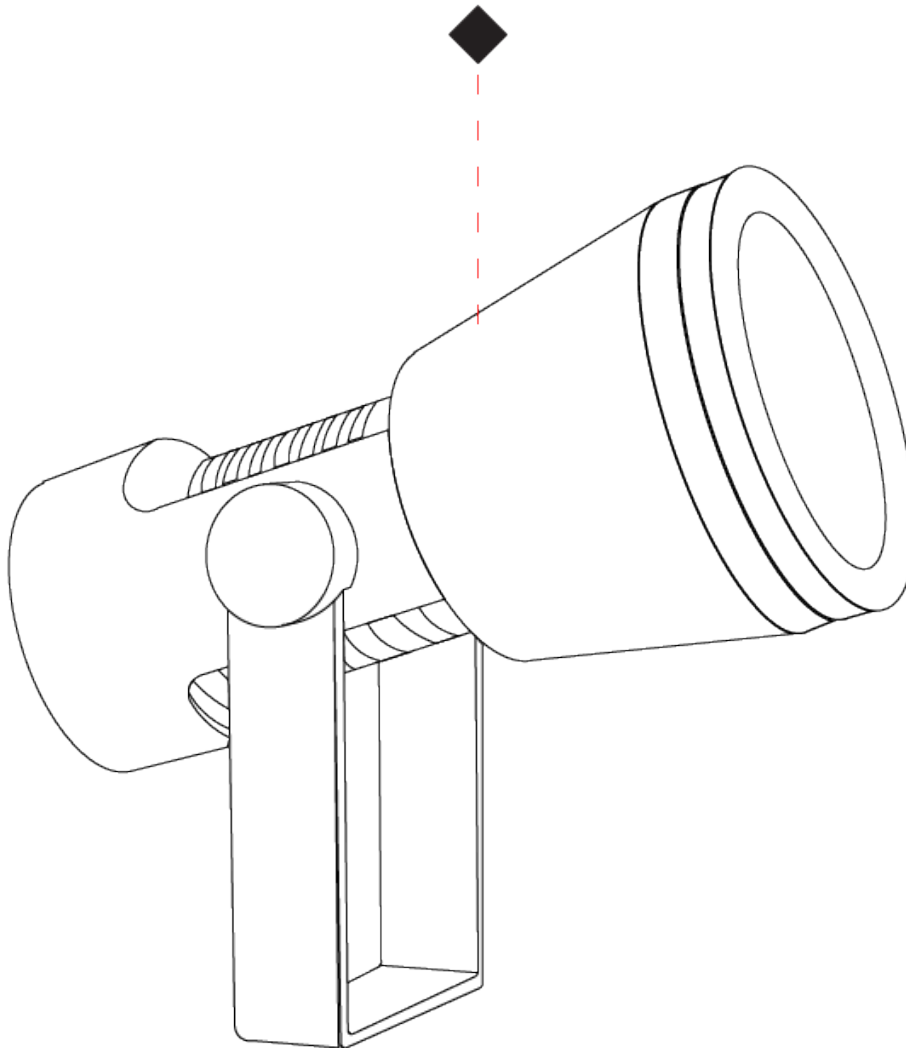Adjustability: Tilt +195° / - 15°

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

200mm 7 $\frac{7}{8}$"

126mm 4 $\frac{15}{16}$"

195°
15°

40mm $\frac{9}{16}$"

300mm 11 $\frac{13}{16}$"

E

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SPRING STANDARD SURFACE

E9F110-

October 18, 2024, 11:32 am

ZANEEN®

SPRING MINI SURFACE

E9F134-   **-**   **-**

base number   Color Temperature   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: 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 $\frac{13}{16}$
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

Number of LEDs: 9
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
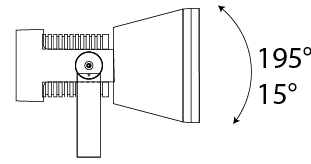IP rating: IP65
IK Rating: IK06

147mm   5 $\frac{13}{16}$"

80mm   3 $\frac{1}{8}$"

195°
15°

30mm   1 $\frac{13}{16}$"

235mm   5 $\frac{1}{4}$"

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October 18, 2024, 11:32 am

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SPRING MINI SURFACE

E9F134-

E

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

October 18, 2024, 11:32 am

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SPRING MICRO SURFACE

E9F149- _____ - _____ - _____

base number   Color Temperature   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: 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 $\frac{11}{16}$
Height (mm): 50
Height (in): 2 $\frac{3}{16}$
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°: 12 / 33 / 44
Adjustability: Tilt +195° / - 15°

RATINGS AND CERTIFICATIONS

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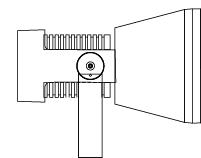IP rating: IP65
IK Rating: IK06

80mm   3 $\frac{1}{8}$″

55mm   2 $\frac{3}{16}$″

195°
15°

20mm $\frac{13}{16}$″

145mm   5 $\frac{11}{16}$″

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SPRING MICRO SURFACE

E9F149-

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SPRING STANDARD SURFACE

E9F223-   -   -   -

base number   Color Temperature   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: 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
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
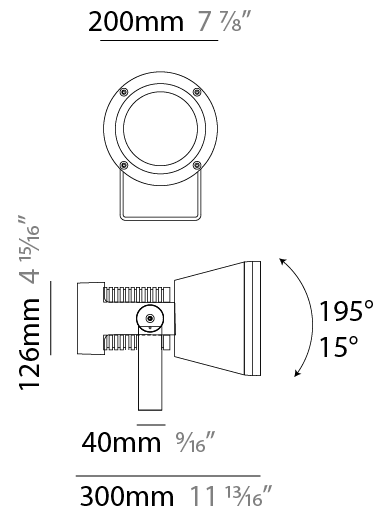Upon Request: Remote: 0-10Vdc dimming

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°: 13 / 44
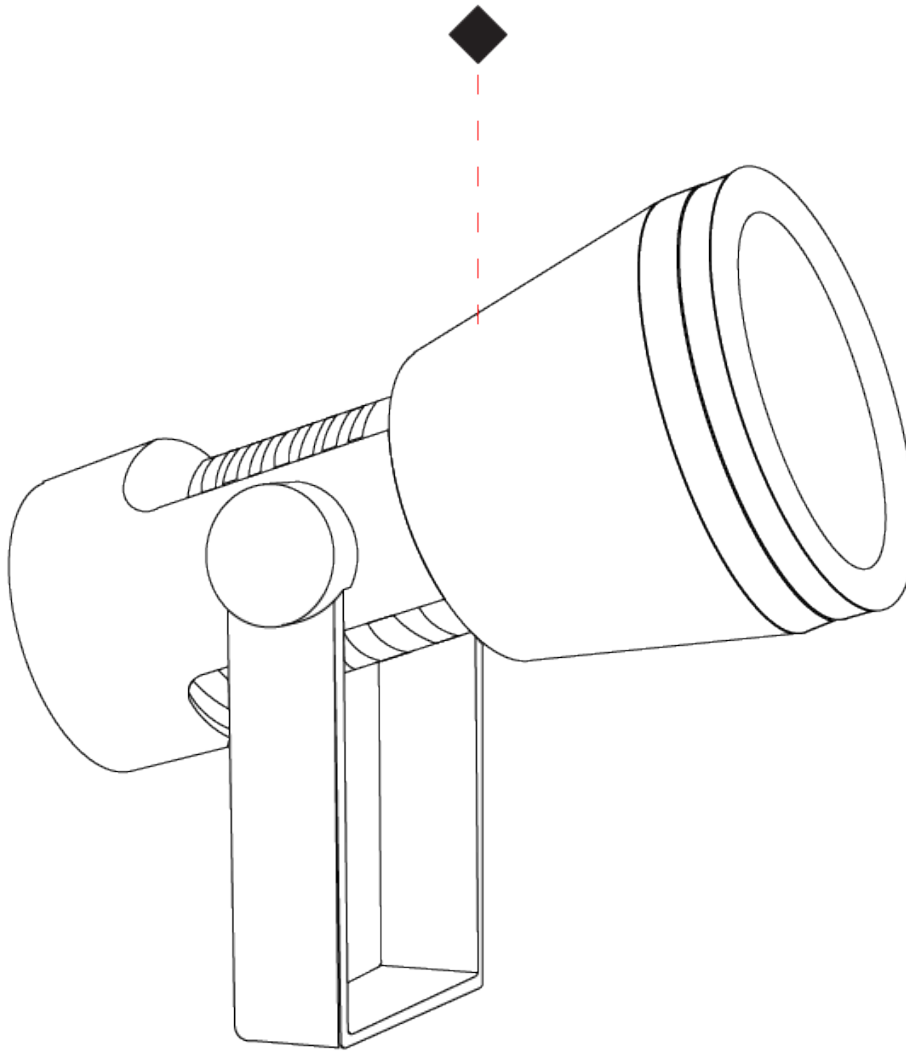Adjustability: Tilt +195° / - 15°

RATINGS AND CERTIFICATIONS

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

200mm 7 $\frac{7}{8}$"

126mm 4 $\frac{15}{16}$"

195°
15°

40mm $\frac{9}{16}$"

300mm 11 $\frac{13}{16}$"

E

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SPRING STANDARD SURFACE

E9F223-

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SPRING MINI SURFACE

E9F266- ___ - ___ - ___

base number   Color   Finish   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 $\frac{13}{16}$
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
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 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): 60000

OPTICAL
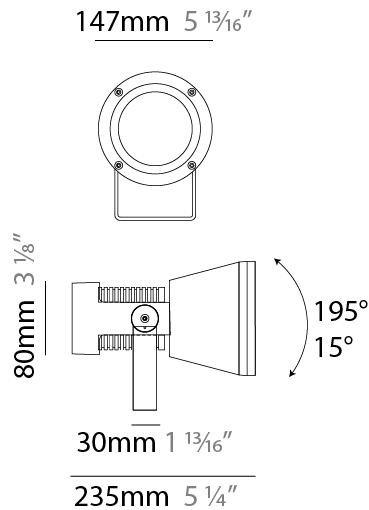
Optic°: 20 / 36 / 54
Adjustability: Tilt +195° / - 15°

RATINGS AND CERTIFICATIONS

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

147mm   5 $\frac{13}{16}$"

80mm   3 $\frac{1}{8}$"

195°
15°

30mm   1 $\frac{13}{16}$"

235mm   5 $\frac{1}{4}$"

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SPRING MINI SURFACE

E9F266-

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SPRING STANDARD SURFACE

E9F398- _____ - _____

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: 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
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): 500

LED

Number of LEDs: 24
Color Temperature (°K): RGBW
CRI: >80 CRI
Lamp Life (hrs): 60000
Special LEDs offerings: RGBW

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

200mm 7 $\frac{7}{8}$"

126mm 4 $\frac{15}{16}$"

195°
15°

40mm $\frac{9}{16}$"

300mm 11 $\frac{13}{16}$"

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October 18, 2024, 11:32 am

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SPRING STANDARD SURFACE

E9F398-

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SPRING MINI SURFACE

E9F399- _____ - _____

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: 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 ¼
Width (mm): 147
Width (in): 5 13/16
Height (mm): 165
Height (in): 6 ½
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
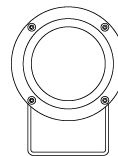
Optic°: 9 / 28 / 45
Adjustability: Tilt +195° / - 15°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
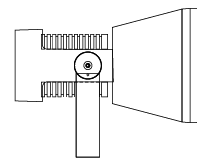IP rating: IP66
IK Rating: IK06

147mm 5 13/16″

80mm 3 1/8″

195°
15°

30mm 1 13/16″

235mm 5 ¼″

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SPRING MINI SURFACE

E9F399-

E

October 18, 2024, 11:32 am

ZANEEN®

SPRING MICRO SURFACE

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: 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 $\frac{11}{16}$
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

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

Optic°: 12 / 33 / 44
Adjustability: Tilt +195° / - 15°

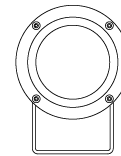### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
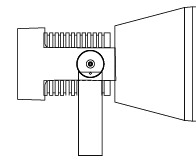IP rating: IP66
IK Rating: IK06

80mm 3 $\frac{1}{8}$″

55mm 2 $\frac{3}{16}$″

195°
15°

20mm $\frac{13}{16}$″

145mm 5 $\frac{11}{16}$″

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SPRING MICRO SURFACE

E9F400-

E

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SPRING
COLOR FINISH CHART

Fixture Finish

Black - BLK	White - WHI	Gray - GRY	Corten - COR	Anthracite - ANT	Bronze - BRZ

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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SPRING

LEGEND

floor-mounted		pivotable		special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+	
wall and ceiling: recessed and surface mounted		rotating		warm dim / natural dimming LED	
ceiling-mounted and wall-mounted		illuminate tilted		rechargeable battery powered	
wall-mounted		color of suspension cable		fixture with natural vivid LED (upon request)	
omni-directional light distribution		length of suspension cable		color rendering index	
direct light distribution		reflector degree selection		color temperature	
direct/indirect light distribution		super spot		lumen (luminous flux)	
indirect light distribution		lens		efficacy (lumens per watt)	
asymmetric light distribution		lens pack		Unified Glare Rating (UGR) range from 5-40	
aura light distribution		shine ring		marine grade (AISI 316 stainless steel)	
round wall or ceiling cut-out		integrated shine ring with diffuser		walk on	
square wall or ceiling cut-out		free individual colors 01-29		drive on	
the supplied jig specifies the cutout dimensions		individual colors: 00 (free of charge), 01-25 (extra charge)		Dark Sky Compliance	
minimum distance (meters) lamp - object		luminaire part to be colored (F1)		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)		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	
separately switchable		indirect diffuser		ETL Certified to UL and CSA Standards	
sensor		direct diffuser		UL Certified to UL and CSA Standards	
remote control		ball-proof (upon request)		CSA Certified to UL and CSA Standards	
available upon request		accessory		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

IK01	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)
IK03	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)
IK06	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)
IK08	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)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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