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 13/16
Height (mm): 299
Height (in): 10 9/16
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
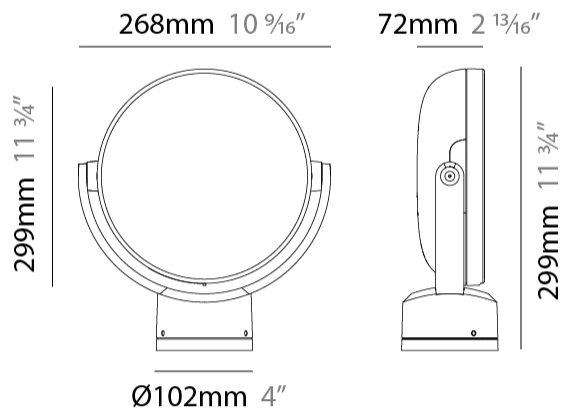Constant Current (MA): 900

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
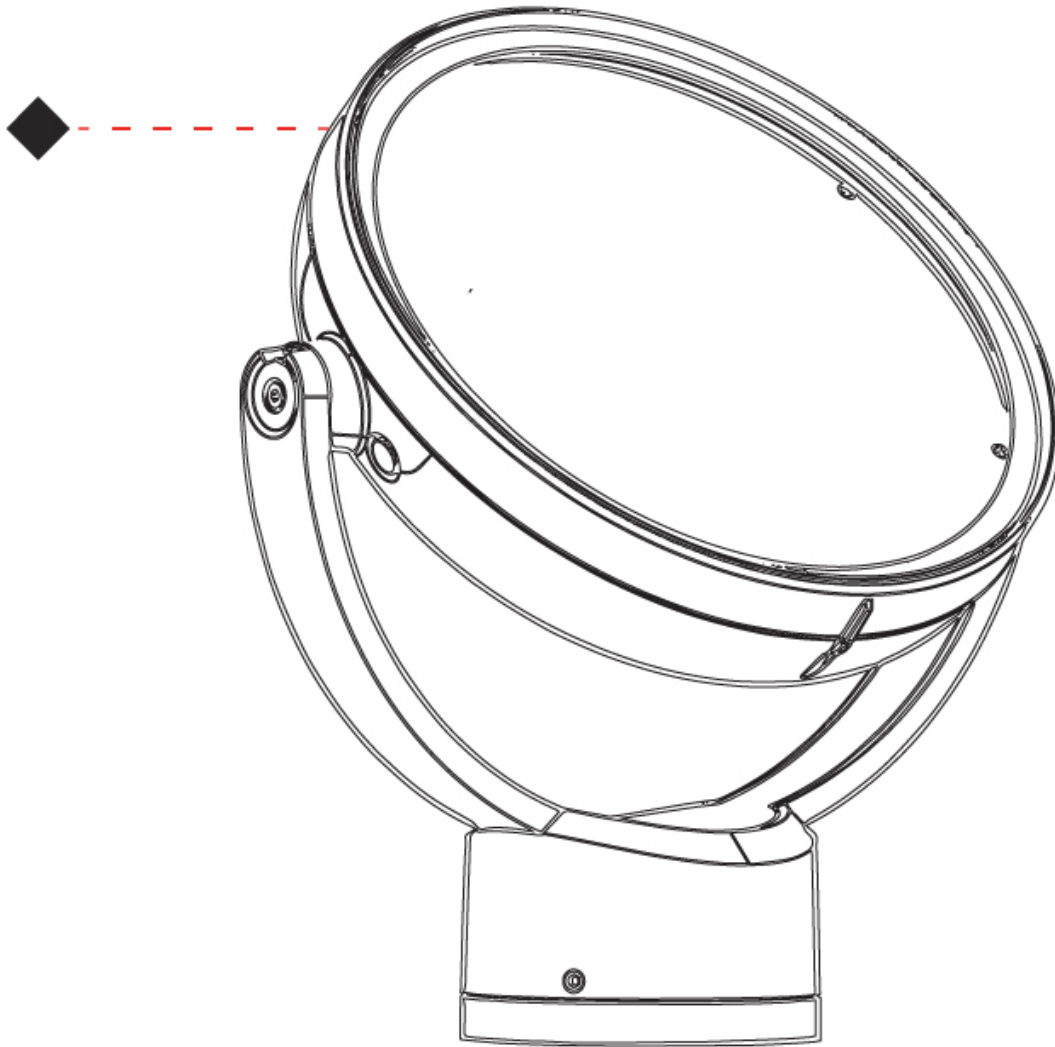IP rating: IP66
IK Rating: IK09
Bug Rating: B2 U0 G0

Dimensions

268mm 10 9/16"   72mm 2 13/16"
299mm 11 3/4"   299mm 11 3/4"
Ø102mm 4"

E

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SUN SURFACE

E9F230-

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SUN SURFACE

E9F231- _ - _

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): 329
Diameter (in): 12 $\frac{15}{16}$
Width (mm): 73
Width (in): 2 $\frac{7}{8}$
Height (mm): 399
Height (in): 15 $\frac{11}{16}$
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

368mm 14 ½"   **73mm** 2 ⅞"

399mm 15 11/16"   399mm 15 11/16"

Ø102mm 4"

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SUN SURFACE

E9F231-

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SUN SURFACE

E9F238-   **-**

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 $\frac{13}{16}$
Height (mm): 299
Height (in): 10 $\frac{9}{16}$
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
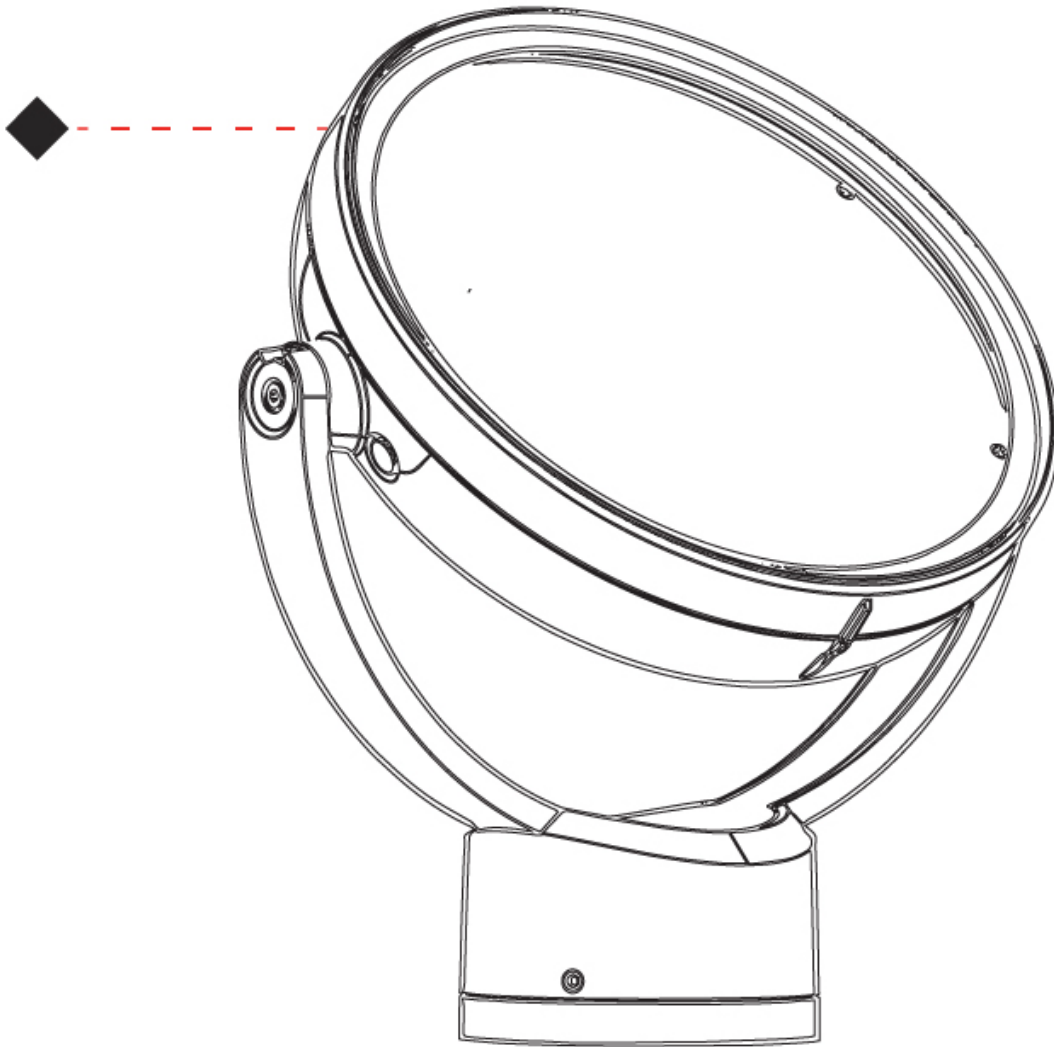Lamp Life (hrs): 60000
Special LEDs offerings: RGBW

OPTICAL

Optic°: 24 / 40 / 70

RATINGS AND CERTIFICATIONS

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

268mm 10 $\frac{9}{16}$"   72mm 2 $\frac{13}{16}$"

299mm 11 $\frac{3}{4}$"   299mm 11 $\frac{3}{4}$"

Ø102mm 4"

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SUN SURFACE

E9F238-

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SUN SURFACE

E9F386-   -   -

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: Sun
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood

PHYSICAL

Shape: Round
Diameter (mm): 160
Diameter (in): 6 5/16
Height (mm): 198
Height (in): 7 13/16
Light Distribution: Adjustable / Direct
Weight (kg): 2.1
Weight (lbs): 4.63
Screws: No visible screws
Diffuser: Clear tempered glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 27
Total Output Wattage (W): 21
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): 600
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming / DMX
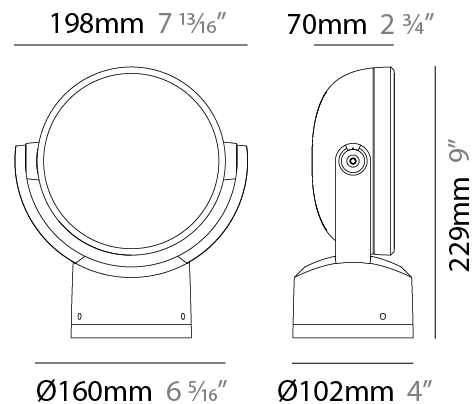
LED

Number of LEDs: 1 / RGBW 8
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 1070 - 1970
Nominal Lumen (lm): 2925
CRI: >80 CRI
Lamp Life (hrs): 60000

OPTICAL

Optic°: 14 / 24 / 26 / 40 / 60 / 70
Beam Angle: 14 / 24 / 26 / 40 / 60 / 70

RATINGS AND CERTIFICATIONS

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

198mm 7 13/16"   70mm 2 3/4"

229mm 9"

Ø160mm 6 5/16"   Ø102mm 4"

E

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E9F387- _____ - _____ - _____

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: 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 $\frac{13}{16}$
Height (mm): 268
Height (in): 10 $\frac{9}{16}$
Light Distribution: Adjustable / Direct
Weight (kg): 2.1
Weight (lbs): 4.63
Screws: No visible screws
Diffuser: Clear tempered glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 38 (STR) / 34 (ASY) / 40
Total Output Wattage (W): 33
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): 900
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming

LED
Number of LEDs: 3
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 2070
Nominal Lumen (lm): 5000
CRI: >80 CRI
Lamp Life (hrs): 60000

OPTICAL
Optic°: 14 / 26 / 60 / STR / ASY

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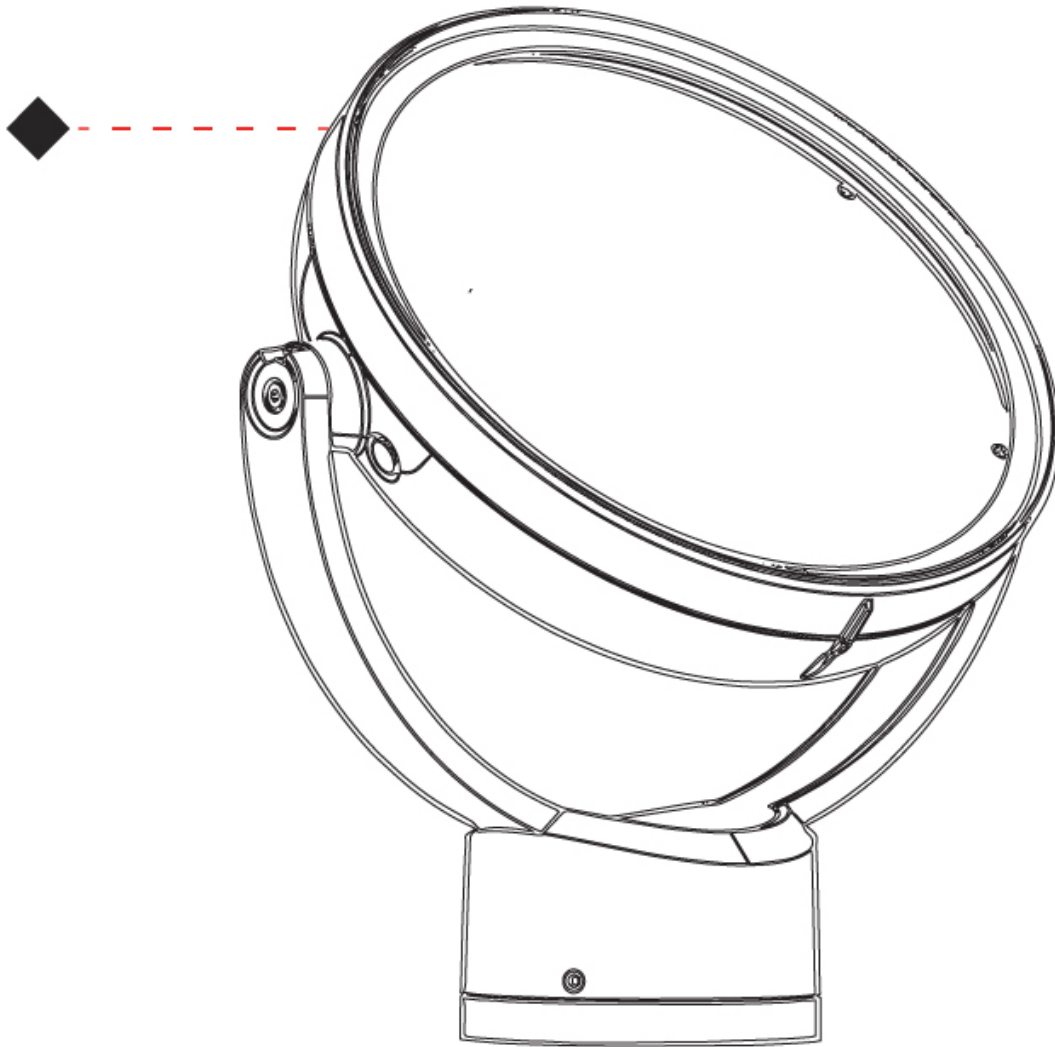IK Rating: IK09
Bug Rating: B3 U0 G0

268mm 10 $\frac{9}{16}$" 72mm 2 $\frac{13}{16}$"

299mm 11 $\frac{3}{4}$"   299mm 11 $\frac{3}{4}$"

Ø102mm 4"

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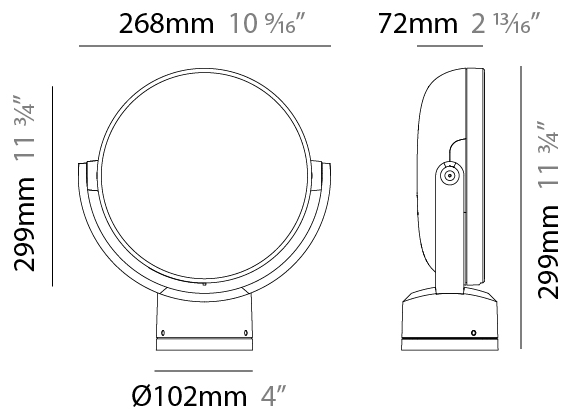
SUN SURFACE

E9F390-   -   -

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: 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 7/8
Height (mm): 399
Height (in): 15 11/16
Light Distribution: Adjustable / Direct
Weight (kg): 4.9
Weight (lbs): 10.8
Screws: No visible screws
Diffuser: Clear tempered glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 76 (STR) / 79 (ASY) / 80
Total Output Wattage (W): 66
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): 900
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming

LED
Number of LEDs: 1 / 2 / 6
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 4140 / 7280 / 7600 / 6765 / 5090
Nominal Lumen (lm): 10000
CRI: >80 CRI
Lamp Life (hrs): 60000

OPTICAL
Optic°: 14 / 26 / 60 / STR / ASY

RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP66
IK Rating: IK09
Bug Rating: B4 U0 G0
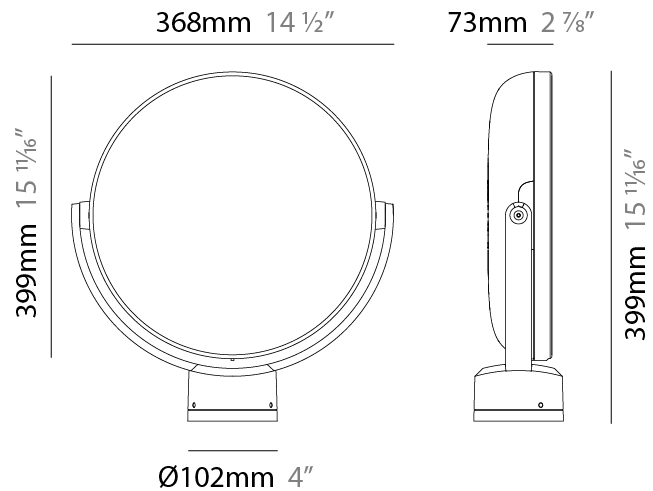
368mm 14 ½"   73mm 2 ⅞"

399mm 15 11/16"   399mm 15 11/16"

Ø102mm 4"

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SUN
COLOR FINISH CHART
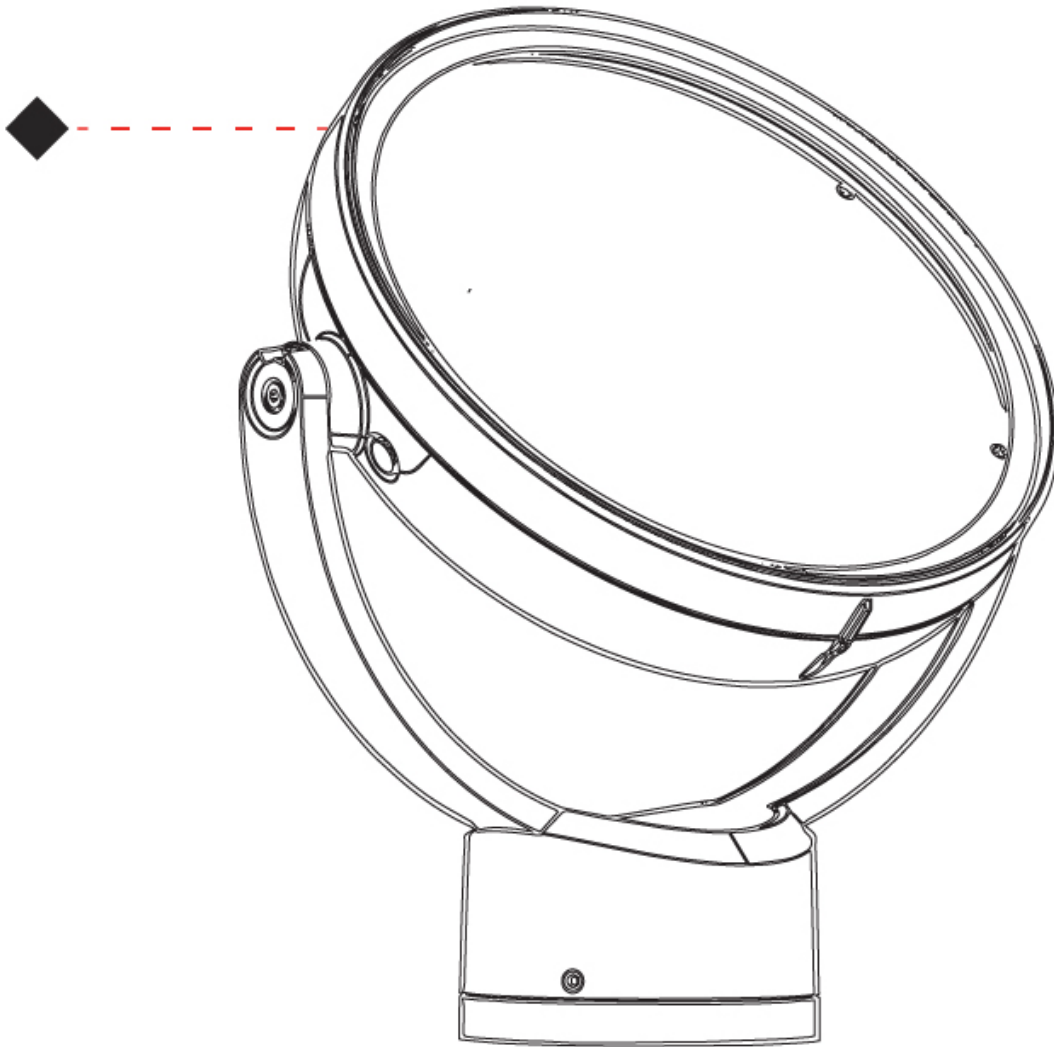
Fixture Finish

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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SUN

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	CRI	color rendering index
	direct light distribution		reflector degree selection	°K	color temperature
	direct/indirect light distribution	S|S	super spot	LM	lumen (luminous flux)
	indirect light distribution		lens	LM/W	efficacy (lumens per watt)
	asymmetric light distribution		lens pack	UGR	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)	DSC	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	ETL Certified to UL and CSA Standards
	sensor	D	direct diffuser	UL	UL Certified to UL and CSA Standards
	remote control		ball-proof (upon request)	CSA	CSA Certified to UL and CSA Standards
	available upon request		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
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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