

SHIELD RECESSED

E9I643-

base number

Color

Finish

Beam Angle

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: Shield

Partner: Platek

Division: Exterior

Installation: Recessed

Product Type: Uplight

Mounting Location: In-Ground

Light Distribution: Direct

PHYSICAL

Shape: Cylinder

Diameter (mm): 95

Diameter (in): 3 3/4

Height (mm): 238

Height (in): 9 3/8

Diffuser: Transparent extra-clear glass

Fixture Finish: BLK / ANT

Fixture Material: Aluminum Die Cast

ELECTRICAL

Input Wattage (W): 5.9

Total Output Wattage (W): 4.5

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - 120 / 277Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Output Voltage (V): 24

LED

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): Max 465

Nominal Lumen (lm): 570

CRI: >80 CRI

Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 12 / 44

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68

IK Rating: IK10

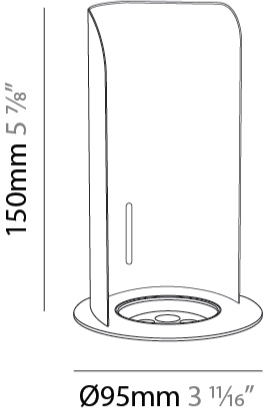
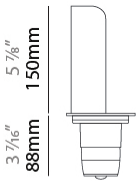
PROJECT

TYPE

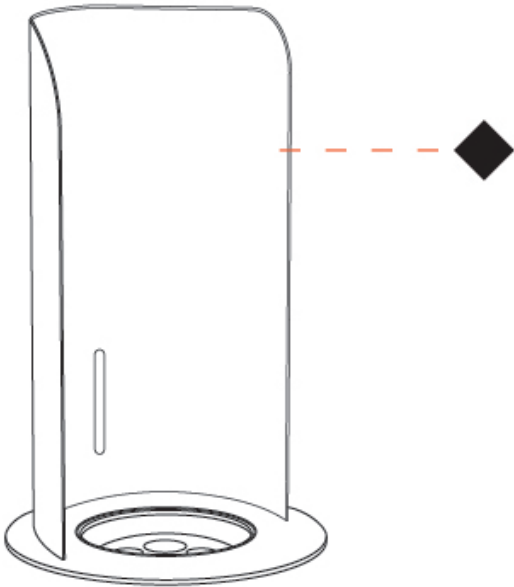
SPECIFIER

QUANTITY

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Series: Shield
Partner: Platek
Division: Exterior
Installation: Recessed
Product Type: Uplight
Mounting Location: In-Ground
Light Distribution: Direct

PHYSICAL

Aperture Sizes In-Ground Uplights: 4"
Shape: Cylinder
Diameter (mm): 152
Diameter (in): 6
Height (mm): 280
Height (in): 11
Diffuser: Transparent extra-clear glass
Fixture Finish: BLK / ANT
Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 10
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

LED

Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): Max 970
Nominal Lumen (lm): 1140
CRI: >80 CRI
Lamp Life (hrs): 50000

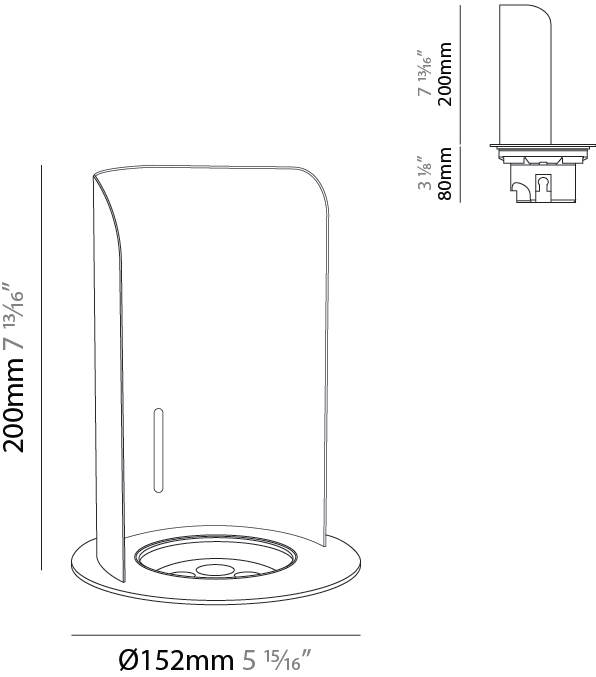
OPTICAL

Beam Angle: 9 / Asymmetrical

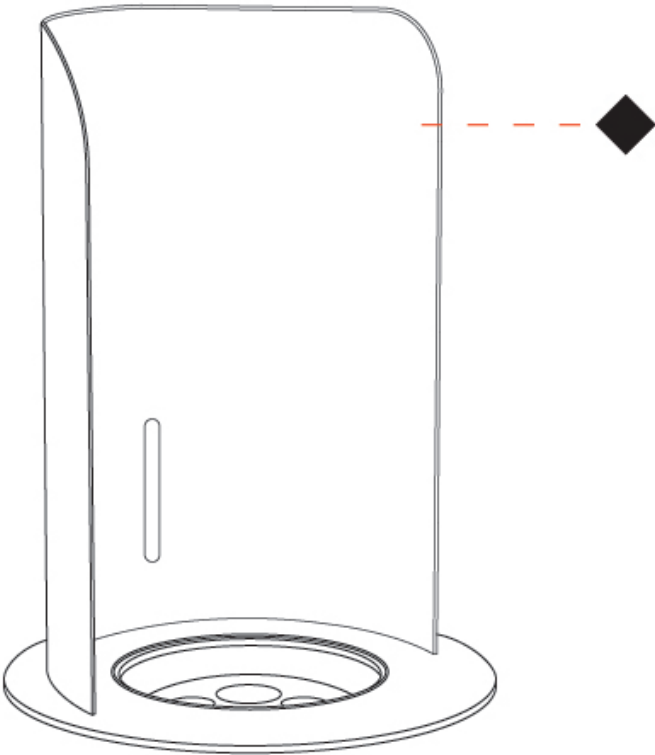
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Series: Shield

Partner: Platek

Division: Exterior

Installation: Recessed

Product Type: Uplight

Mounting Location: In-Ground

Light Distribution: Direct

PHYSICAL

Aperture Sizes In-Ground Uplights: 7"

Shape: Cylinder

Diameter (mm): 224

Diameter (in): 8 13/16

Height (mm): 470

Height (in): 18 1/2

Diffuser: Transparent extra-clear glass

Fixture Finish: BLK / ANT

Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 21

Dimming: Non-Dimming / DALI Dimming

Driver Included: Yes

Driver Location: Remote

Driver Type: Constant Current - Universal

Driver Class: Class 1

Input Voltage (V): 120 - 277

LED

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): Max 2560

Nominal Lumen (lm): 2700

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Beam Angle: 9 / Asymmetrical

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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IK Rating: IK10

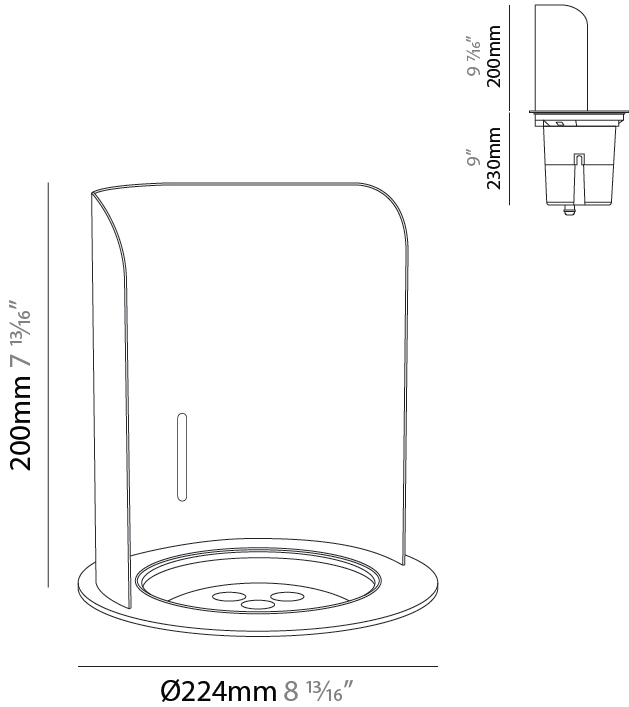
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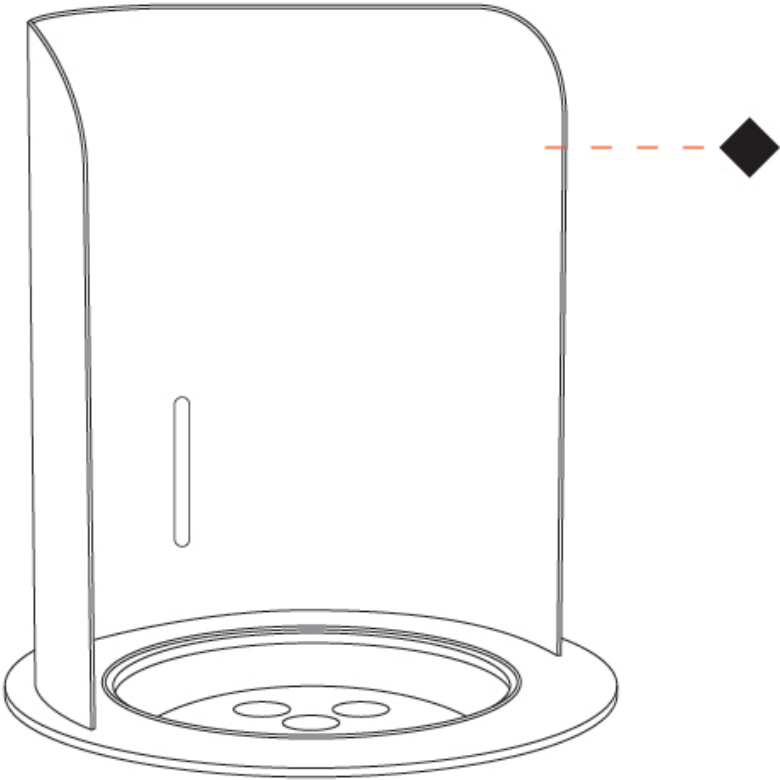
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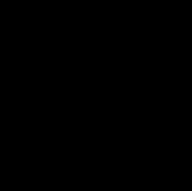
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Fixture Finish

Black - BLK



Anthracite - ANT



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.



LEGEND

	floor-mounted		pivotal		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

	protected against ingress of solid bodies greater than 12.5mm (finger)
	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
	protected against ingress of dust protected against jets of water
	protected against ingress of dust protected against powerful jets of water or heavy seas
	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	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 the surface)
	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)