MINI ONE POST

E9B002-

base number

-		
	Color	L9
	Temperature	Finishes-06-08

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

GENERAL	
Series: Mini One	
Brand: Platek	
Division: Exterior	
Mounting Type: Post	
Mounting Location: Above Ground	
Subsatagona Bollard Mini	

Mounting Type. Fost
Mounting Location: Above Ground
Subcategory: Bollard - Mini
PHYSICAL
Shape: Rectangle
Length (mm): 100
Length (in): 3 15/16
Width (mm): 100
Width (in): 3 ¹⁵ / ₁₆
Height (mm): 150
Height (in): 5 1/8
Light Distribution: Direct
Diffuser: Transparent Flat Tempered Glass
Fixture Finish: GRY / ANT
Fixture Material: Aluminum Die Cast
Upon Request: Finishes - Black, White, Bronze, Corten
ELECTRICAL

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 7.3
Total Output Wattage (W): 6
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]): Remote: 0-10Vdc dimming / Phase

LED

LLD
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 195 / 205
Nominal Lumen (lm): 780 / 810
CRI: >80 CRI
Lamp Life (hrs): 60000
OPTICAL

OPTICAL

O	ptic	. 2	Or	enii	ngs
~	puc		~ P	CIIII	153

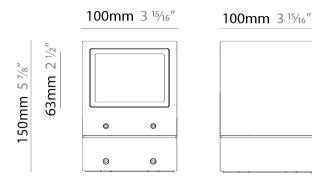
RATINGS AND CERTIFICATIONS

dimming / Non-dimming 120/277Vac

	Certified By: Certified for North American Standards
	IP rating: IP65
	IK Rating: IK07
	Bug Rating: B0 U0 G0

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	



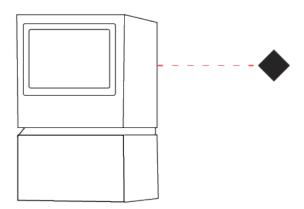






E9B002-

PROJECT	
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QUANTITY	
DATE	





MINI ONE POST

E9B004-

base number

Temperature Finishes-06-08

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: Mini One	
Brand: Platek	
Division: Exterior	
Mounting Type: Post	
Mounting Location: Above Ground	
Subcategory: Bollard - Mini	

Mounting Location: Above Ground
Subcategory: Bollard - Mini
PHYSICAL
Shape: Rectangle
Length (mm): 100
Length (in): 3 15/16
Width (mm): 100
Width (in): 3 15/16
Height (mm): 150
Height (in): 5 1/8
Light Distribution: Direct
Diffuser: Transparent Flat Tempered Glass
Fixture Finish: GRY / ANT
Fixture Material: Aluminum Die Cast
Upon Request: Finishes - Black, White, Bronze, Corten
ELECTRICAL

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 7.3
Total Output Wattage (W): 6
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]): Remote: 0-10Vdc dimming / Phase

LED

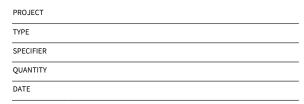
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 415 / 430
Nominal Lumen (lm): 780 / 810
CRI: >90 CRI
Lamp Life (hrs): 60000
OPTICAL

Optic°: 4 Openings

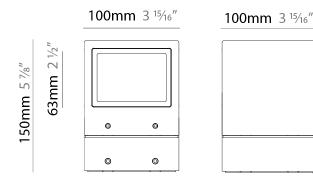
RATINGS AND CERTIFICATIONS

dimming / Non-dimming 120/277Vac

Certified By: Certified for North American Standards	
IP rating: IP65	
IK Rating: IK07	
Bug Rating: B0 U0 G0	





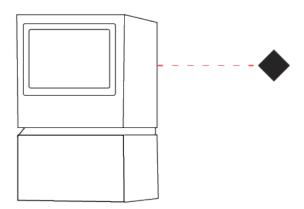






E9B004-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







E9B008-

base number

Temperature Finishes-06-08

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 #

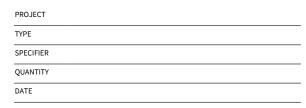
CLITETIAL	
Series: Mini One	
Brand: Platek	
Division: Exterior	
Mounting Type: Post	
Mounting Location: Above Ground	
Cubaataaan Dallaud	

Mounting Type: Post
Mounting Location: Above Ground
Subcategory: Bollard
PHYSICAL
Shape: Rectangle
Length (mm): 100
Length (in): 3 15/16
Width (mm): 100
Width (in): 3 15/16
Height (mm): 500
Height (in): 19 11/16
Light Distribution: Direct
Diffuser: Transparent Flat Tempered Glass
Fixture Finish: GRY / ANT
Fixture Material: Aluminum Die Cast
Upon Request: Finishes - Black, White, Bronze, Corten
ELECTRICAL

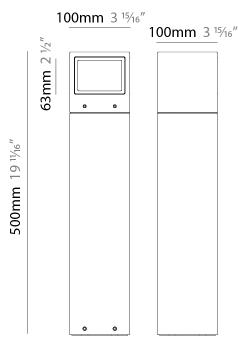
Bug Rating: B0 U0 G0

opon request. I misnes Black, write, Bronze, corten
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 9.5
Total Output Wattage (W): 9
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): 700
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]): Remote: 0-10Vdc dimming / Phase dimming / Non-dimming 120/277Vac

dimming / Non-dimming 120/277Vac
LED
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 110 / 115
Nominal Lumen (lm): 1040 / 1080
CRI: >80 CRI
Lamp Life (hrs): 60000
OPTICAL
Optic°: 1 Opening
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07





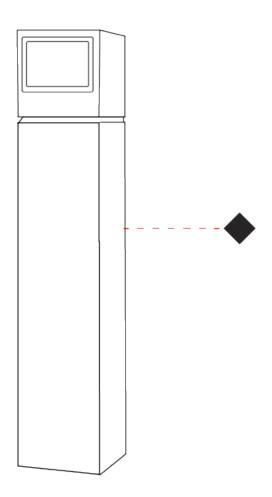






E9B008-

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QUANTITY	_
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E9B009-

base number

Temperature Finishes-06-08

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 #

CLITETIAL	
Series: Mini One	
Brand: Platek	
Division: Exterior	
Mounting Type: Post	
Mounting Location: Above Ground	
Cubaataaan Dallaud	

Mounting Type: Post
Mounting Location: Above Ground
Subcategory: Bollard
PHYSICAL
Shape: Rectangle
Length (mm): 100
Length (in): 3 15/16
Width (mm): 100
Width (in): 3 15/16
Height (mm): 500
Height (in): 19 11/16
Light Distribution: Direct
Diffuser: Transparent Flat Tempered Glass
Fixture Finish: GRY / ANT
Fixture Material: Aluminum Die Cast
Upon Request: Finishes - Black, White, Bronze, Corten

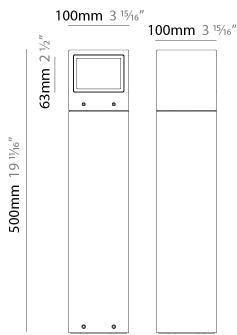
Bug Rating: B0 U0 G0

Fixture Material: Aluminum Die Cast
Upon Request: Finishes - Black, White, Bronze, Corten
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 9.5
Total Output Wattage (W): 8
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): 700
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]): Remote: 0-10Vdc dimming / Phase dimming / Non-dimming 120/277Vac

anning / 11011 anning 220/2111 tac
LED
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 230 / 240
Nominal Lumen (lm): 1040 / 1080
CRI: >80 CRI
Lamp Life (hrs): 60000
OPTICAL
Optic°: 2 Openings
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07





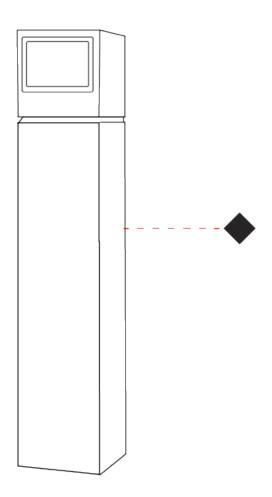






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base number

Color L9
Temperature Finishes-06-0

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 #

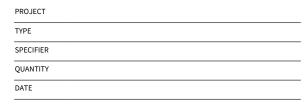
GENERAL

Series: Mini One	
Brand: Platek	
Division: Exterior	
Mounting Type: Post	
Mounting Location: Above Ground	
Cubastagan u Ballard	

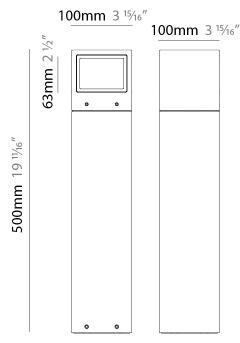
Mounting Type: Post
Mounting Location: Above Ground
Subcategory: Bollard
PHYSICAL
Shape: Rectangle
Length (mm): 100
Length (in): 3 15/16
Width (mm): 100
Width (in): 3 15/16
Height (mm): 500
Height (in): 19 11/16
Light Distribution: Direct
Diffuser: Transparent Flat Tempered Glass
Fixture Finish: GRY / ANT
Fixture Material: Aluminum Die Cast
Upon Request: Finishes - Black, White, Bronze, Corten

Fixture Material: Aluminum Die Cast
Upon Request: Finishes - Black, White, Bronze, Corten
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 9.5
Total Output Wattage (W): 8
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): 700
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]): Remote: 0-10Vdc dimming / Phase dimming / Non-dimming 120/277Vac

LED
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 490 / 510
Nominal Lumen (lm): 1040 / 1080
CRI: >80 CRI
Lamp Life (hrs): 60000
OPTICAL
Optic°: 4 Openings
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
ID vehice: IDCC
IP rating: IP65
IK Rating: IK07







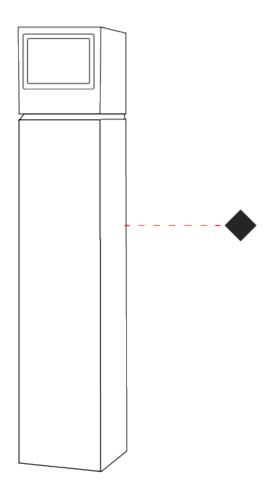


Bug Rating: B0 U0 G0



E9B010-

PROJECT
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SPECIFIER
QUANTITY
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E9B246-

base number

Color	L9
Temperatu	re Finishes-06-08

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: Mini One	
Brand: Platek	
Division: Exterior	
Mounting Type: Post	
Mounting Location: Above Ground	
Subcategory: Bollard	

Mounting Type: Post
Mounting Location: Above Ground
Subcategory: Bollard
PHYSICAL
Shape: Rectangle
Length (mm): 100
Length (in): 3 15/16
Width (mm): 100
Width (in): 3 ¹⁵ / ₁₆
Height (mm): 800
Height (in): 31 ½
Light Distribution: Direct
Diffuser: Transparent Flat Tempered Glass
Fixture Finish: GRY / ANT
Fixture Material: Aluminum Die Cast
Upon Request: Finishes - Black, White, Bronze, Corten
ELECTRICAL
Lamp Type, LED

Upon Request: Finishes - Black, White, Bronze, Corten
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 10.5
Total Output Wattage (W): 9
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120Vac
Driver Class: Class 2
Input Voltage (V): 120
Constant Current (MA): 700

LED

Color Temperature (°K): 2700 / 3000 / 4000	
Max. Delivered Lumen (lm): 110 / 115	
Nominal Lumen (lm): 1040 / 1080	
CRI:>80 CRI	

Lamp Life (hrs): 60000

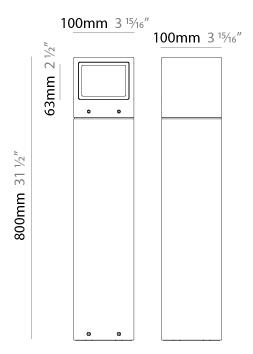
OPTICALOptic°: 1 Opening

RATINGS AND CERTIFICATIONS

	Certified By: Certified for North American Standards
	IP rating: IP65
	IK Rating: IK07
	Bug Rating: B0 U0 G0

PROJECT	
TYPE	
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QUANTITY	
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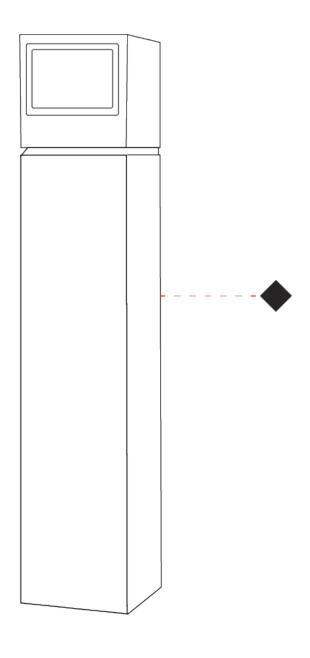






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MINI ONE POST

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base number

Color L9
Temperature Finishes-06-0

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: Mini One	
Brand: Platek	
Division: Exterior	
Mounting Type: Post	
Mounting Location: Above Ground	
Subcategory: Bollard	

Mounting Type: Post		
Mounting Location: Above Ground		
Subcategory: Bollard		
PHYSICAL		
Shape: Rectangle		
Length (mm): 100		
Length (in): 3 15/16		
Width (mm): 100		
Width (in): 3 15/16		
Height (mm): 800		
Height (in): 31 ½		
Light Distribution: Direct		
Diffuser: Transparent Flat Tempered Glass		
Fixture Finish: GRY / ANT		
Fixture Material: Aluminum Die Cast		
Upon Request: Finishes - Black, White, Bronze, Corten		
ELECTRICAL		

opon request. I misnes black, write, bronze, corten
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 10.5
Total Output Wattage (W): 9
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120Vac
Driver Class: Class 2
Input Voltage (V): 120
Constant Current (MA): 700

Constant Current (MA): 700		
LED		
Color Temperature (°K): 2700 / 3000 / 4000		
Max. Delivered Lumen (lm): 230 / 240		
Nominal Lumen (lm): 1040 / 1080		
CRI: >80 CRI		
Lamp Life (hrs): 60000		

OPTICAL

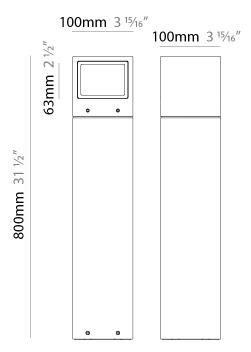
Optic°: 2 Openings

RATINGS AND CERTIFICATIONS

	Certified By: Certified for North American Standards
	IP rating: IP65
	IK Rating: IK07
	Bug Rating: B0 U0 G0

PROJECT	
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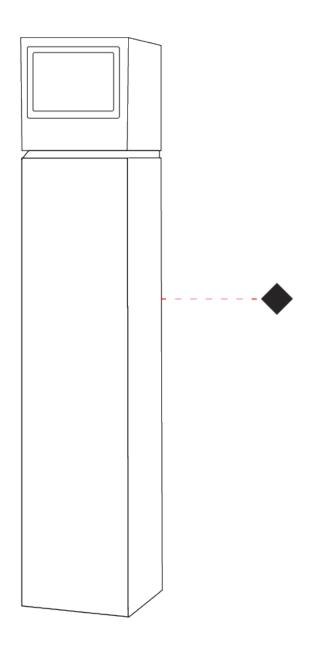






E9B247-

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MINI ONE POST

E9B248-

base number Color Temperature Finishes-06-08

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: Mini One	
Brand: Platek	
Division: Exterior	
Mounting Type: Post	
Mounting Location: Above Ground	
Subcategory: Bollard	

Mounting Location: Above Ground Subcategory: Bollard PHYSICAL Shape: Rectangle Length (mm): 100 Length (in): 3 *5′/15 Width (mm): 100 Width (in): 3 *5′/15 Height (mm): 800 Height (in): 31 *1⁄/2 Light Distribution: Direct Diffuser: Transparent Flat Tempered Glass Fixture Finish: GRY / ANT Fixture Material: Aluminum Die Cast Upon Request: Finishes - Black, White, Bronze, Corten ELECTRICAL	Mounting Type: Post
PHYSICAL Shape: Rectangle Length (mm): 100 Length (in): 3 ¹⁵ / ₁₆ Width (mm): 100 Width (in): 3 ¹⁵ / ₁₆ Height (mm): 800 Height (in): 31 ¹ / ₂ Light Distribution: Direct Diffuser: Transparent Flat Tempered Glass Fixture Finish: GRY / ANT Fixture Material: Aluminum Die Cast Upon Request: Finishes - Black, White, Bronze, Corten	Mounting Location: Above Ground
Shape: Rectangle Length (mm): 100 Length (in): 3 ¹⁵ / ₁₆ Width (mm): 100 Width (in): 3 ¹⁵ / ₁₆ Height (mm): 800 Height (in): 31 ¹ / ₂ Light Distribution: Direct Diffuser: Transparent Flat Tempered Glass Fixture Finish: GRY / ANT Fixture Material: Aluminum Die Cast Upon Request: Finishes - Black, White, Bronze, Corten	Subcategory: Bollard
Length (mm): 100 Length (in): 3 ¹⁵ / ₁₆ Width (mm): 100 Width (in): 3 ¹⁵ / ₁₆ Height (mm): 800 Height (in): 31 ¹ / ₂ Light Distribution: Direct Diffuser: Transparent Flat Tempered Glass Fixture Finish: GRY / ANT Fixture Material: Aluminum Die Cast Upon Request: Finishes - Black, White, Bronze, Corten	PHYSICAL
Length (in): 3 ¹⁵ / ₁₆ Width (mm): 100 Width (in): 3 ¹⁵ / ₁₆ Height (mm): 800 Height (in): 31 ¹ / ₂ Light Distribution: Direct Diffuser: Transparent Flat Tempered Glass Fixture Finish: GRY / ANT Fixture Material: Aluminum Die Cast Upon Request: Finishes - Black, White, Bronze, Corten	Shape: Rectangle
Width (mm): 100 Width (in): 3 15/16 Height (mm): 800 Height (in): 31 1/2 Light Distribution: Direct Diffuser: Transparent Flat Tempered Glass Fixture Finish: GRY / ANT Fixture Material: Aluminum Die Cast Upon Request: Finishes - Black, White, Bronze, Corten	Length (mm): 100
Width (in): 3 ¹⁵ / ₁₆ Height (mm): 800 Height (in): 31 ¹ / ₂ Light Distribution: Direct Diffuser: Transparent Flat Tempered Glass Fixture Finish: GRY / ANT Fixture Material: Aluminum Die Cast Upon Request: Finishes - Black, White, Bronze, Corten	Length (in): 3 15/16
Height (mm): 800 Height (in): 31 ½ Light Distribution: Direct Diffuser: Transparent Flat Tempered Glass Fixture Finish: GRY / ANT Fixture Material: Aluminum Die Cast Upon Request: Finishes - Black, White, Bronze, Corten	Width (mm): 100
Height (in): 31 ½ Light Distribution: Direct Diffuser: Transparent Flat Tempered Glass Fixture Finish: GRY / ANT Fixture Material: Aluminum Die Cast Upon Request: Finishes - Black, White, Bronze, Corten	Width (in): 3 15/16
Light Distribution: Direct Diffuser: Transparent Flat Tempered Glass Fixture Finish: GRY / ANT Fixture Material: Aluminum Die Cast Upon Request: Finishes - Black, White, Bronze, Corten	Height (mm): 800
Diffuser: Transparent Flat Tempered Glass Fixture Finish: GRY / ANT Fixture Material: Aluminum Die Cast Upon Request: Finishes - Black, White, Bronze, Corten	Height (in): 31 ½
Fixture Finish: GRY / ANT Fixture Material: Aluminum Die Cast Upon Request: Finishes - Black, White, Bronze, Corten	Light Distribution: Direct
Fixture Material: Aluminum Die Cast Upon Request: Finishes - Black, White, Bronze, Corten	Diffuser: Transparent Flat Tempered Glass
Upon Request: Finishes - Black, White, Bronze, Corten	Fixture Finish: GRY / ANT
	Fixture Material: Aluminum Die Cast
ELECTRICAL	Upon Request: Finishes - Black, White, Bronze, Corten
	ELECTRICAL

Upon Request: Finishes - Black, White, Bronze, Corten
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 10.5
Total Output Wattage (W): 9
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120Vac
Driver Class: Class 2
Input Voltage (V): 120
Constant Current (MA): 700
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Constant Current (MA): 700	
LED	
Color Temperature (°K): 2700 / 3000 / 4000	
Max. Delivered Lumen (lm): 490 / 510	
Nominal Lumen (lm): 1040 / 1080	
CRI: >80 CRI	
Lamp Life (hrs): 60000	
OPTICAL	

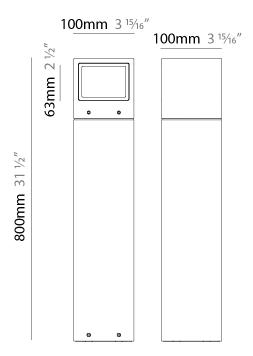
Optic°: 4 Openings

RATINGS AND CERTIFICATIONS

	Certified By: Certified for North American Standards
	IP rating: IP65
	IK Rating: IK07
	Bug Rating: B0 U0 G0

PROJECT	
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QUANTITY	
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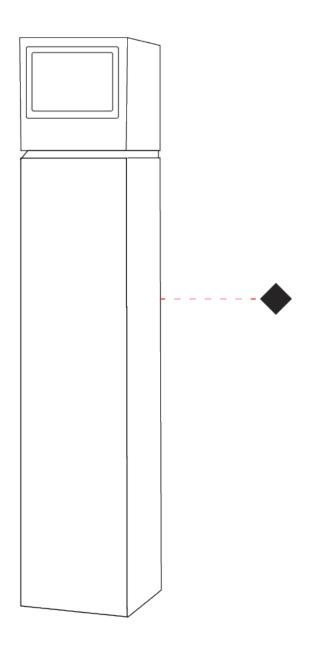






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MINI ONE

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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.





MINI ONE

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

LEGEND

Т		_			special LED (upon request) RGR_RGRW_tunable
	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	S	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	THESE	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
	direct light distribution		reflector degree selection	(K)	color temperature
X	direct/indirect light distribution	s s	super spot	(LM)	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩ <u></u>	efficacy (lumens per watt)
	asymmetric light distribution	\otimes	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
X	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on
7	square wall or ceiling cut-out		free individual colors 01-29	②	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
□+, +	minimum distance (meters) lamp - object	•	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	lack	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
1	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
8	separately switchable	\odot	indirect diffuser	. (1)	ETL Certified to UL and CSA Standards
9	sensor	O	direct diffuser	։ (Մ) ու	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	(1)	CSA Certified to UL and CSA Standards
9	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
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

above the surface)

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)
IKO6	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)
IK10	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

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm